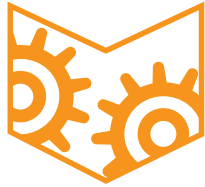


AFSystems

crush • convey • control



SOLUTIONS FOR AG, FOOD & SEED

PRODUCT CATALOGUE





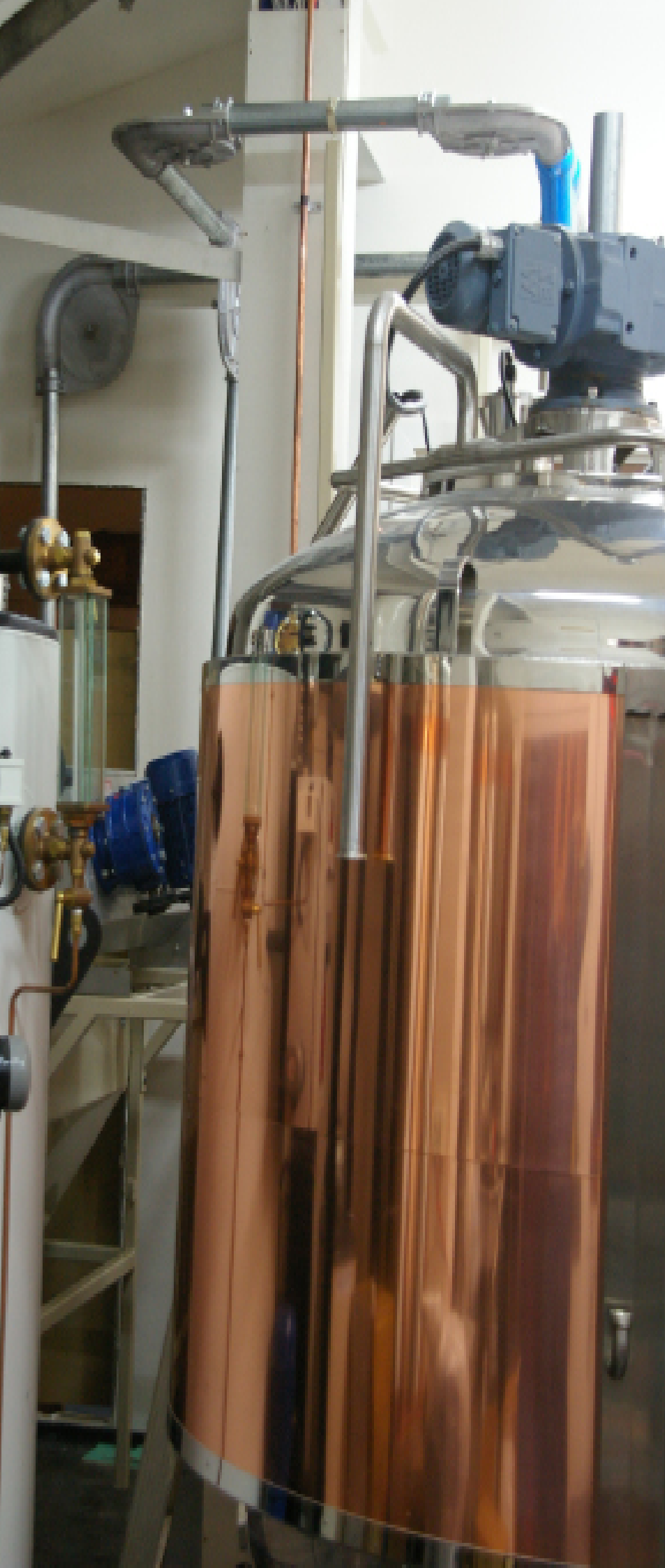
WELCOME

AFS is a solutions provider for the Agriculture, Food & Seed industries.

We specialise in the '3 Cs' – CRUSH, CONVEY, CONTROL – offering a comprehensive range of highly efficient and cost effective automated solutions tailored to your specific operation.

We have sourced different types of milling and conveying systems from around the world to meet our clients' unique requirements. Each company we work with has over 40 years of manufacturing experience and a wealth of technical expertise across all aspects of industrial conveying and process control.

However, AFS is also much more than just a supplier of quality parts and equipment. When it comes to crushing, conveying and controlling, we specialise in affordable end-to-end solutions for both Agricultural & Industrial customers. Contact us to discuss the potential to revolutionise your processing practices and deliver short-term Return on Investment.



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CRUSH

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CONVEY

CLOSED TUBE

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FLEXI AUGER

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CONTROL

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CRUSH

DISC MILLS

Multicracker - MC4



No VSD
controller
required



✓ Advantages

- Through variable grinding setting a more uniform structure and higher quality output in the crushed material is achieved
- No unwanted heating of the material and self-purification through high speed cutting process that can happen with hammer mills
- Homogenous crush of grains through unique disc configuration
- Easy to operate and is low maintenance

🌿 Options

- Available in stainless steel

⚙️ Configurations

- Manual, stepless adjustment of the grinding gap. (Auto coming soon)
- Compact & Efficient
- Foreign object protection by spring technique.
- Three disc profiles- coarse, medium, fine
- No VSD required for startup.

📦 Applications

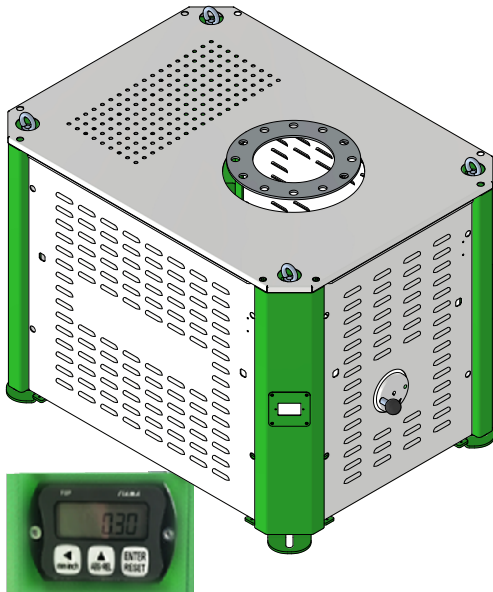
- Some products - Cereals, Oil-seeds and Legumes, Pellets and much more

📋 Specifications

- Throughput: Up to 3.5 tons/hr
- Input size: 157 x 102mm
- Output size: 174 x 132mm
- Driving Power: 1 x 4kw Motor, 1500 RPM
- Dimensions: 912 x 444 x 336mm (L x W x H)
- Weight: 150kg

MC 4
3.5tn/hr

DISC MILLS



Multicracker - MC11

The MULTICRACKER MC11 is the smallest model for the use in automated plants with continuous feed and discharge systems.

Full Stainless Steel version available to meet the highest hygienic requirements such as in the food industry.

MULTICRACKER uses revolutionary technology for effectively crushing bulk goods by a method of grinding with special Multicracker discs. It combines innovation and efficiency in one machine and can reduce power consumption. On average it takes just 1 kw of energy per tonne of material.

Advantages

- Dust & waterproof grinding unit
- PLC capable intergration
- Homogenous crush of grains through unique disc configuration
- Quick change of cracker unit
- Digital Gap Displayt

Options

- Available in stainless steel
- Motorized, stepless adjustment of grinding gap
- Preparation for cleaning in the process
- Cracker slices of stainless steel

Configurations

- Manual, stepless adjustment of grinding gap, including digital display
- Dust and waterproof grinding gear
- Foreign object protection with springs
- Three disc profiles to choose from - coarse, medium, fine

Applications

- Some products - Coffee Bean, Soy-beans, Wet Corn, Wheat, Legumes, Rapeseed much more.

Specifications

- Throughout: Up to 8 tons/hr
- Input & output size DN 200 (others available)
- Dimensions 1090 x 810 x 827mm (L x W x H)
- Driving Power: 2 x 5.5kw Motor
- Weight: 550kg

Optional Additions

- Hoppers
- Actuator Slides
- Sensor Controls



DISC MILLS

Multicracker MC300

The MULTICRACKER MC300 is suitable for a wide range of applications.

Suitable for a wide range of applications with medium capacity demand e.g in the animal feed industry or for basic applications in the food and beverage industry.

MULTICRACKER uses revolutionary technology for effectively crushing bulk goods by a method of grinding with special Multicracker discs. It combines innovation and efficiency in one machine and can reduce power consumption. On average it takes just 1 kw of energy per tonne of material.



Advantages

- Gentle, efficient processing of raw material
- PLC capable intergration
- Homogenous ground product
- No material heating
- Compact design

Configurations

- Manual, stepless adjustment of grinding gap
- Enclosed grinding unit
- Crackerdiscs resharpenable
- Foreign object protection with springs
- Three disc profiles to choose from: coarse, medium, fine

Specifications

- Throughput: Up to 25 tons/hr
- Input Chute: 462 x 242mm
- Output Chute: 462 x 150mm
- Dimensions 1638 x 1547 x 835mm (L x W x H)
- Driving Power: 2 x 15kw Motor
- Weight: 1300kg

Options

- Input/output chute size to meet your requirements
- Twin version for two stage grinding
- Destomer (incl. permanet magnet and feed roll)

Applications

- Some products - Poultry feed, Wheat, Corn, Mesh Feed and much more.

Optional Additions

- Hoppers
- Actuator Slides
- Sensor Controls



DISC MILLS



Multicracker - MC350

The MULTICRACKER MC350 has a throughput capacity of up to 30 t/h and comes with a dust and water proof grinding unit.

Ideal crusher for many industrial applications demanding highest hygienic requirements, e.g the food and beverage industry.

MULTICRACKER uses revolutionary technology for effectively crushing bulk goods by a method of grinding with special Multicracker discs. It combines innovation and efficiency in one machine and can reduce power consumption. On average it takes just 1 kw of energy per tonne of material.

✔ Advantages

- Dust & waterproof grinding unit
- PLC capable intergration
- Homogenous ground product
- No material heating
- Compact design

⚙ Options

- Housing and base frame in stainless steel
- Automatic bearing lubrication
- Intergrated cleaning system
- Cracker slices of stainless steel

⚙ Configurations

- Motorised, stepless adjustment of grinding gap
- Dust and waterproof grinding unit in SST
- Crackerdiscs resharpenable
- Quick change of cracker unit
- Three disc profiles to choose from: coarse, medium, fine

📦 Applications

- Some products - Malt, Barley, Lupin, Nuts, Dried fruit and much more.

📋 Specifications

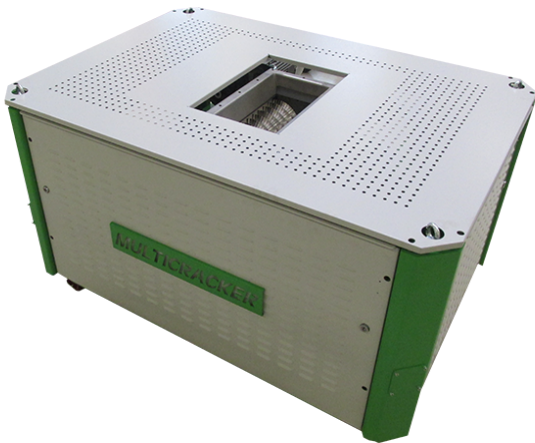
- Throughput: Up to 30 tons/hr
- Input Chute: 445 x 315mm
- Output Chute: 445 x 315mm
- Dimensions 1700 x 1250 x 840mm (L x W x H)
- Driving Power: 1 x 30kw Motor
- Weight: 1100kg

Optional Additions

- Hoppers
- Actuator Slides
- Sensor Controls

MC 350
30 tn/hr

DISC MILLS



Multicracker - MC370

The MULTICRACKER MC370 is suitable for a wide range of applications with a medium capacity demand.

Suitable in the animal feed industry or for basic applications in the food and beverage industry with a higher performance and throughput.

MULTICRACKER uses revolutionary technology for effectively crushing bulk goods by a method of grinding with special Multicracker discs. It combines innovation and efficiency in one machine and can reduce power consumption. On average it takes just 1 kw of energy per tonne of material.

✔ Advantages

- Dust & waterproof grinding unit
- PLC capable intergration
- Homogenous ground product
- No material heating
- Compact design

🔧 Options

- Inlet/outlet chute sizes to meet your requirments
- Automatic bearing lubrication
- Twin version for two stage grinding
- Destoner (incl permanet magnet and feed roll)

⚙️ Configurations

- Motorised, stepless adjustment of grinding gap
- Enclosed grinding unit
- Crackerdiscs resharpenable.
- Bearing temperature sensors
- Adjustable, vibration damping machine shoes
- Three disc profiles to choose from

📦 Applications

- Organic Feed or Food Solution
- Some products - Corn, Soybeans, Poultry Feed, Wet Corn, Mesh Feed and much more.

📋 Specifications

- Throughout: Up to 37 tons/hr
- Input Chute: 462 x 242mm
- Output Chute: 462 x 150mm
- Dimensions 1638 x 1547 x 835 mm (L x W x H)
- Driving Power: 2 x 18.5kw Motor
- Weight: 1300kg

Optional Additions

- Hoppers
- Actuator Slides
- Sensor Controls

MC 370
37 tn/hr

DISC MILLS



Multicracker - MC600

The MULTICRACKER MC600 is the biggest in the range and is capable of grinding up to 80 t/hr.

This is commercial grade with its high output and well suited to stock feed, food and commercial processing.

MULTICRACKER uses revolutionary technology for effectively crushing bulk goods by a method of grinding with special Multicracker discs. It combines innovation and efficiency in one machine and can reduce power consumption. On average it takes just 1 kw of energy per tonne of material.

Advantages

- Dust & waterproof grinding unit
- PLC capable intergration
- Homogenous ground product

Configurations

- Motorised, stepless adjustment of grinding gap
- Enclosed grinding unit
- Crackerdiscs resharpenable
- Bearing temperature sensors
- Adjustable, vibration damping machine shoes
- Three disc profiles to choose from

Specifications

- Throughput: Up to 80 tons/hr
- Input Chute: 600 x 500mm
- Output Chute: 600 x 500mm
- Dimensions 2000 x 1300 x 1076mm (L x W x H)
- Driving Power: 2 x 15kw or 2 x 30kw Motor
- Weight: 4600kg

Options

- Inlet/ outlet chute sizes to meet your requirements
- Automatic bearing lubrication
- Twin version for 2 stage grinding, precrushing and final grinding

- Destoner (incl permanet magnet and feed roll)
- Versatile Sensor systems
- Machine bed made of ultra high performance concrete

Applications

- Some products - Corn, Soybeans, Poultry Feed, Wet Corn, Mesh Feed and much more.

MC 600
80 tn/hr



ROLLER 150



FEATURES

- Low power consumption
- Adjustable rollers for variable product sizes
- Rollers can be sharpened
- Low dust and noise levels



INCLUDES

- Hopper
- Motor V-Belt Driven Min. 2.2W @ 380V
- Direct on line Starter
- 2 x 150 x 190mm Rollers



CAPACITY

Animal Feed , Grain or Malt

- 900kg/h - Maize Grits (3700 microns or 3.7mm)
- 900 - 1200 kg/h Malted Barley, wheat and other grains.

CRUSH

AFSystems

crush • convey • control



ROLLER MILLS



Single or Twin Roller Mill

FEATURES

- Designed to crush grain to a fine consistency
- Can crush two different grain sizes at the same time
- Also available in single bank model
- Custom stand for Falcon Chain & Disc conveyor
- Custom built Rigid or flexible in feed and out feed Augers

OPTIONS

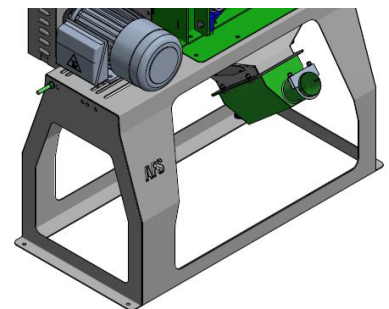
- Sensor Controls
- Mill Hopper Lid
- Guards avail in SST
- Option for lower base for direct under silo placement
- Hopper extension kit available
- Custom built electronic control box to suit setup
- Different motor specification available, ie Flame Proof / Anti Explosive

CAPACITY

- 4' = 1.50 Tonne per hour
- 6' = 2.50 Tonne per hour
- 8' = 4.00 Tonne per hour

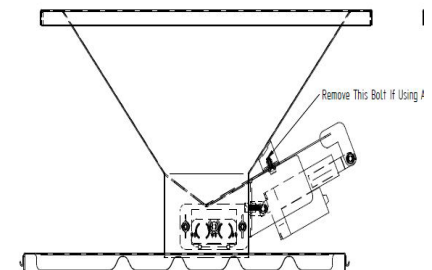
Capacity can vary according to type and condition of grain.

Mill Stand



Part # AFS618558 High Stand
Part # AFS628642 Low Stand

Hopper Lid



Part # MC4H- Manual or with actuator (not inc)

Sensor Control



Part # SK100682- Return Sensor
Part # SK100662- High Level Sensor



HAMMER MILLS

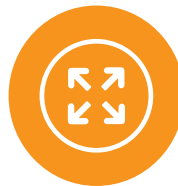
Fine Product Production

Power-efficient, compact and easy-to-use, the Hammer Mill is ideal for large volume, fine product milling.



FEATURES

- Feed roller for precision load
- balancing & even spread.
- Bi-Directional Rotor reduces wear and extends the



OPTIONS

- Changeable screens for multiple product applications & easy cleaning.
- Motor V-Belt Driven
Min. 30kW @ 380V
(ProjectDependent)
- Products:Maize Meal,
- Sorghum, Barley, Millet,



CAPACITY

- ▶ Maize meal per screen size at 30kW
- 1mm @ 750 - 900kg/h
- 1,6mm @ 1500 - 1800 kg/h
- 3mm @ 2500 - 3000kg/h
- 6,35mm @ 3500 - 4000kg/h



CONVEY

CONVEY

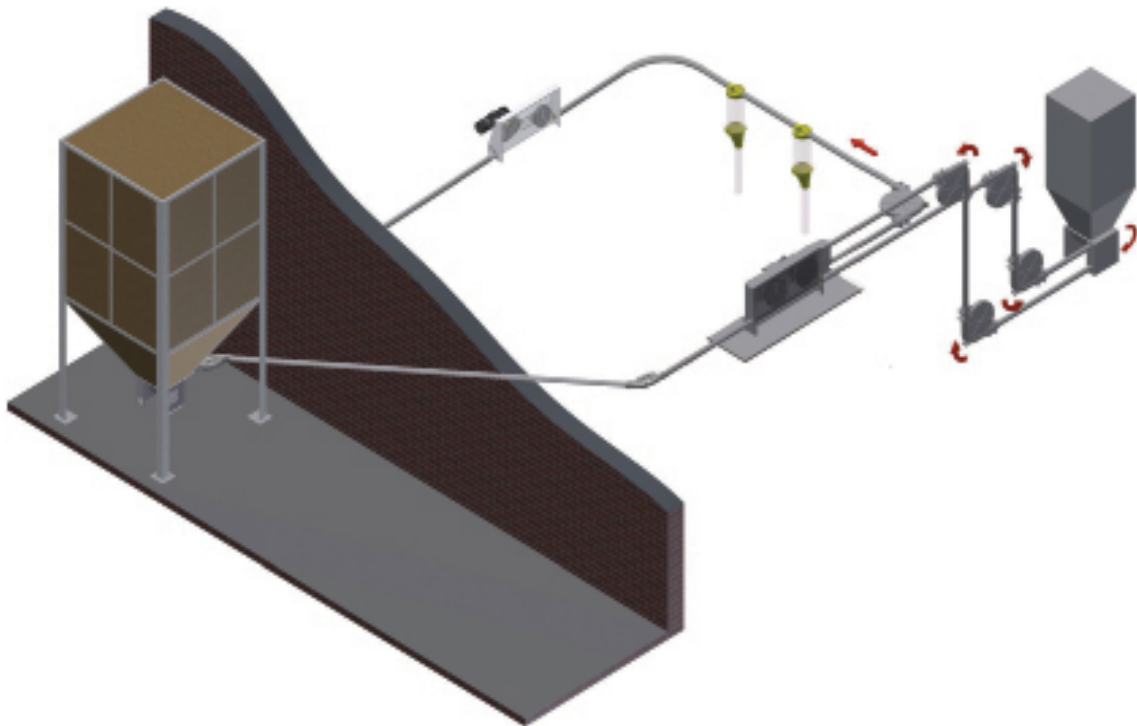
Cable System 38mm (1.5")



CLOSED TUBE CONVEYING

CableFeed specialises in the implementation of dry product systems for Agriculture, Food and Aquaculture, always focusing on the customers experience in regards to efficiency, reliability, technology and quality.

All CableFeed drive units are equipped with a friction drive pulling wheel. This unique principle transmits the power to the cable only by means of a friction grip on the cable discs. With our unique cable cleaning in-line brush and sweeping bends we can design a system suitable to your needs

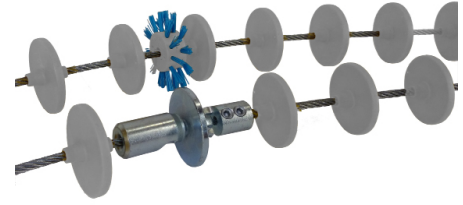


A Filling system is a basic feeding system, which provides feed from either one silo via a mechanical hopper or from two silos by using two motorized hoppers. The feed is pulled out from the silo and through drops filling f. ex., the feeders continually one by one until the feed is reaches the completion detector. When completion detector detects the feed, the system stops. A typical filling system consists of the following parts:

- 1. TRANSPORT SYSTEM**
 - Drive unit + motor
 - Hopper (manual or electrical)
 - Corners
 - Steel tubes
 - Tube connectors
 - Disc cable
 - Cable connector
 - Inspection section
- 2. FEED DROPS**
 - Feed drops
 - Telescopic tubes
 - Clamps Ø50-70 mm
- 3. CONTROLS**
 - Ready to Run control unit
 - Relay kit for Controller (only electrical hopper)
 - Silo switch (if two electrical hoppers are used)
 - Contact clock
 - Completion detector
 - Eventually extra motor protectors

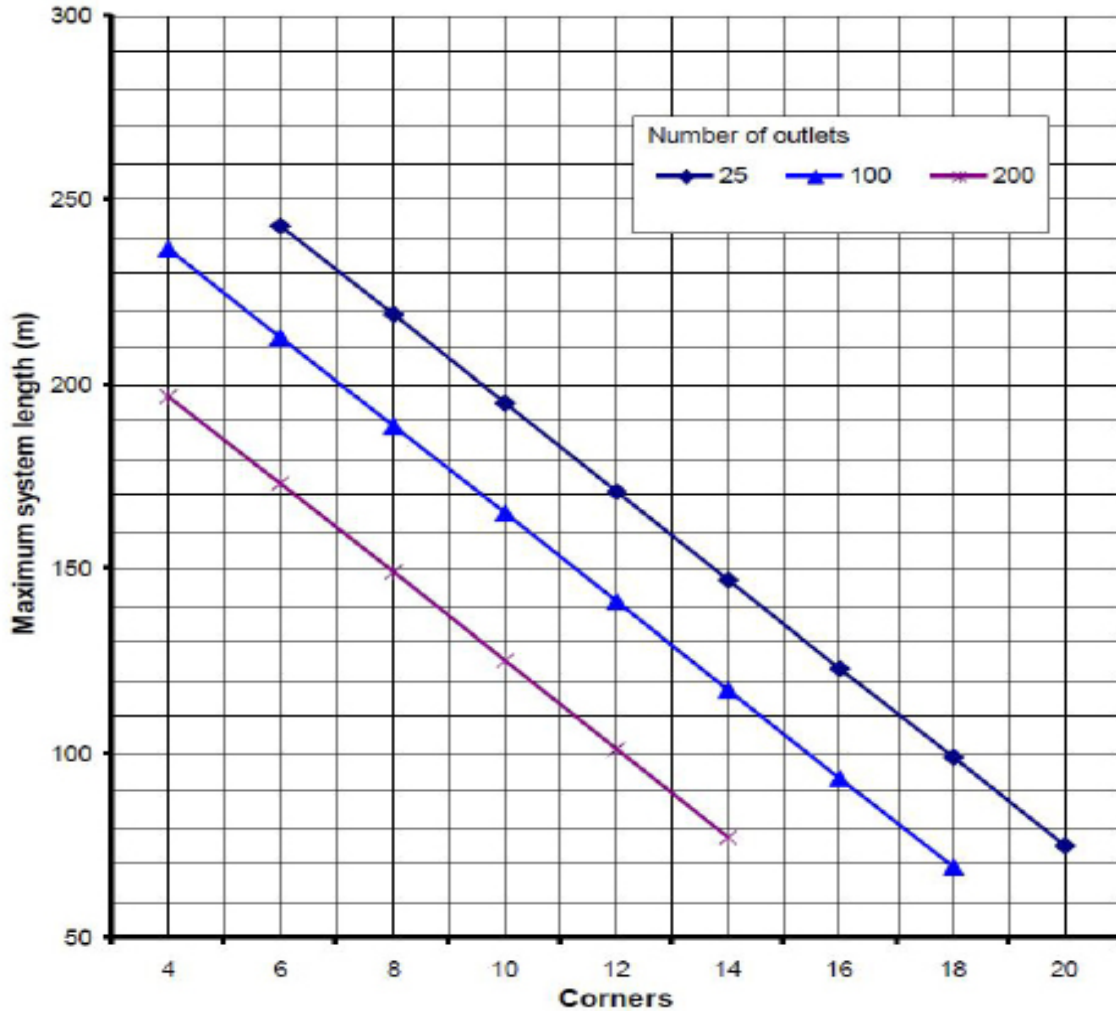
CONVEY

Cable System 38mm (1.5")



DIMENSIONING INFORMATION 38MM SYSTEM

Maximum system length compared to the number of corners

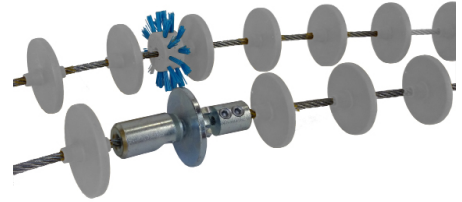


- Capacity:** 0.5 ton/ hour (1.410 r/min. motor and 60% tube filling)
- Motor:** 0,75 kW
- Length:** 220 meters (results depend on elevations, corners & drops)
- Hoppers:** 1 hopper pulled by the cable Equals 25M
- Tube filling:** 65%
- Filling of system:** 75% of total tube length
- Cable speed:** 23 mtr /min
- Elevations:** None. Every 1m of elevation reduces dimensioning length with 4m
- Feed:** Pellets Ø 4mm, length 15mm
- Service:** Service and maintenance according to manuals



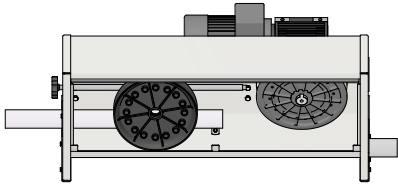
CONVEY

Cable System 38mm (1.5")



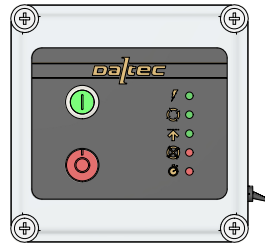
DRIVE UNIT (to fit 38mm pipe)

0.75kw Drive Unit



Part #: D038101
38mm Drive Unit 40:1 Gearbox,
0.75kw Motor, SST (Suitable Cable
or Chain) (Replaces C38100)

Feed System Controller



Ready to Run Controller
Single & 3 Phase Available

Starter Package includes:
Drive Unit with Motor & Controller.

Part # DP38001-1PH (Single Phase)
Part # DP38001-3PH (3 Phase)

Drive Wheel



Part #: D101004
Drive Wheel (ø250 x 38mm) to suit
D038101 Drive Unit

Tension Pulley Wheel



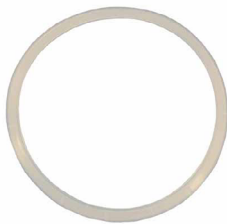
Part #: D101638
Tension Pulley Wheel to suit
D038101 Drive Unit

Drive Induction Sensor



Part #: DE101011
Drive Induction Sensor

Drive Wheel Ring



Part #: D101511
38mm Drive rubber ring. 2 Rings per
wheel to suit D101004

Gearbox



Part #: D101167
40:1 gearbox, 120mm shaft, size 75

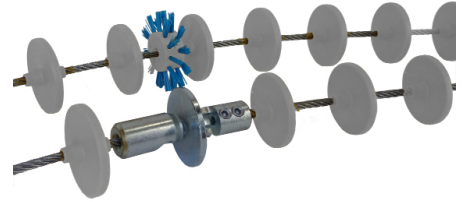
Motor, 0.75kw



Part #: ACMGFMB1475-1
0.75kw, 4P, 1410 rpm (Single Ph)
Part #: ACMGFMB1475-3, 3 Phase

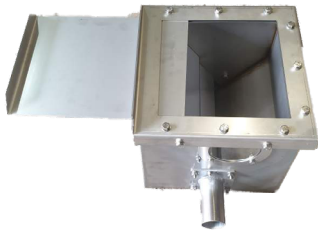
CONVEY

Cable System 38mm (1.5")



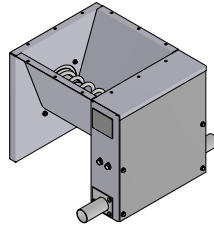
HOPPER

Hopper Receiving with Ports



Part #: F38105
38mm Receiving Hopper with shutter, SST

Hopper, Straight Passage



Part #: D038202
38mm Hopper, Straight Passage (SST)
The feed inlet is controlled by the cable speed and through a feed regulator on the back of the hopper

Completion Detector



Part #: D038223
10-40v DC completion detector. Works in conjunction with Motorised Hoppers

CABLE & CHAIN CONVEYOR

1.5" Cable Conveyor



Part #: C35201
38mm (1.5") Cable Conveyor (Button 25mm, Spacing 50mm)

Cable Connector, SST



Part #: C35209
SST Cable Connector Kit
Button \varnothing 25mm.

Cable Connector



Part #: D35209
Cable Connector Kit,
Button \varnothing 25mm, Mild Steel

Cablefeed Connector



Part #: D261101
Cable Connector 2 Shell, fits 5mm wire. For Use in Cablefeed Drive Only

Cable to Chain Conversions

38mm Chain Conveyor



Part #: F401164
40/50 Chain Conveyor (Disc 28mm, Spacing 50mm. Fits 38mm Pipe)

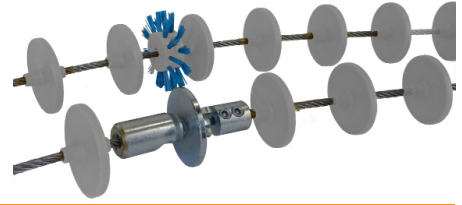
40mm Chain Joiners



Part #: F401293
40mm Chain Joiners (Bag of 5)

CONVEY

Cable System 38mm (1.5")



CORNER

90° Cable Corner (PVC)



Part #: D038252
38mm 90° Cable Corner (PVC)
(Replaces #C35300)

Corner Idler Wheel



Part #: D251010
38mm Corner Idler Wheel, One Directional, inc Bearing & Axle
(suits #D038252)

Axle for Corner Idler Wheel



Part #: D0251035
Corner Idler Wheel Axle (Bag of 5)
(suit #D251010)

Corner Idler Wheel



Part #: C300355
38mm Corner Idler Wheel
(suits #C35300 90° Corner)

Corner Bronze Bearing



Part #: C300006
Corner Bronze Bearing.
(Bag of 10)
(suits #C300355 Idler Wheel)

Axle for Corner Idler Wheel



Part #: C300005
38mm Corner Idler Wheel Axle
(Bag of 5)
(suits #C300355 Idler Wheel)

DROPS

Feed Drop with closer



Part #: D38331
38mm Feed Outlet with Plastic Closer.

Feed Pipe Adapter



Part #: D380330
Fits 38mm pipe to use any 60mm drops & dispenser, 180cm L

Vol Drop



Part #: C38602
Small Vol Drop- 42cm H
Part #: C38615
Large Vol Drop - 53cm H

Vol Control Drop



Part #: C38603
38mm Small Vol Control Drop
Part #: C38616
38mm Large Vol Control Drop

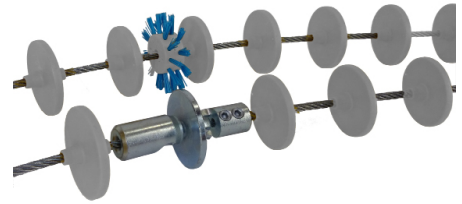
4.5 Litre Control Drop



Part #: P780100
45Litre Vol Control Drop

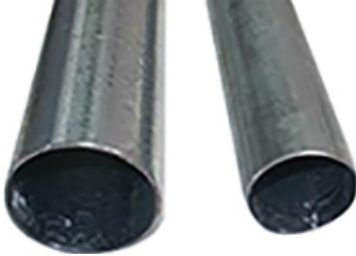
CONVEY

Cable System 38mm (1.5")



PIPE

▼ Closed Tube



Part #: C38206
38mm Closed Tube

▼ Tube Coupler



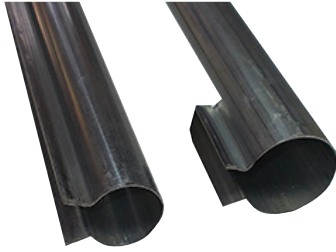
Part #: D038275
38mm Tube coupler with screws

▼ Inspection Section



Part #: D38211
38mm Inspection Section to determine fill levels (33cm length)

▼ Open Tube



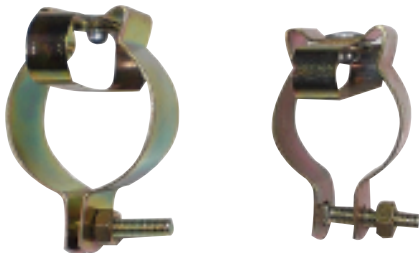
Part #: C38207-12
1.5" Cable - Open Tube (3.6mtr)

▼ Cover for Open Tube PVC



Part #: C38207 11
38mm Cover for Open Tube PVC (3.6 mtr)

▼ Tube Hold Down



Part #: C38210
38mm Tube Hold Down.

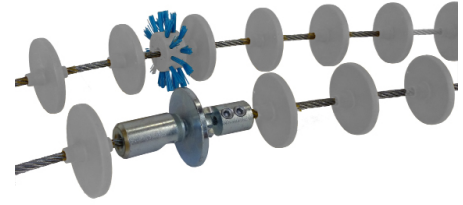
▼ Tube Hold Down Combination with Eye Bolt



Part #: C38213
38mm Tube Hold Down Combination with Eye Bolt

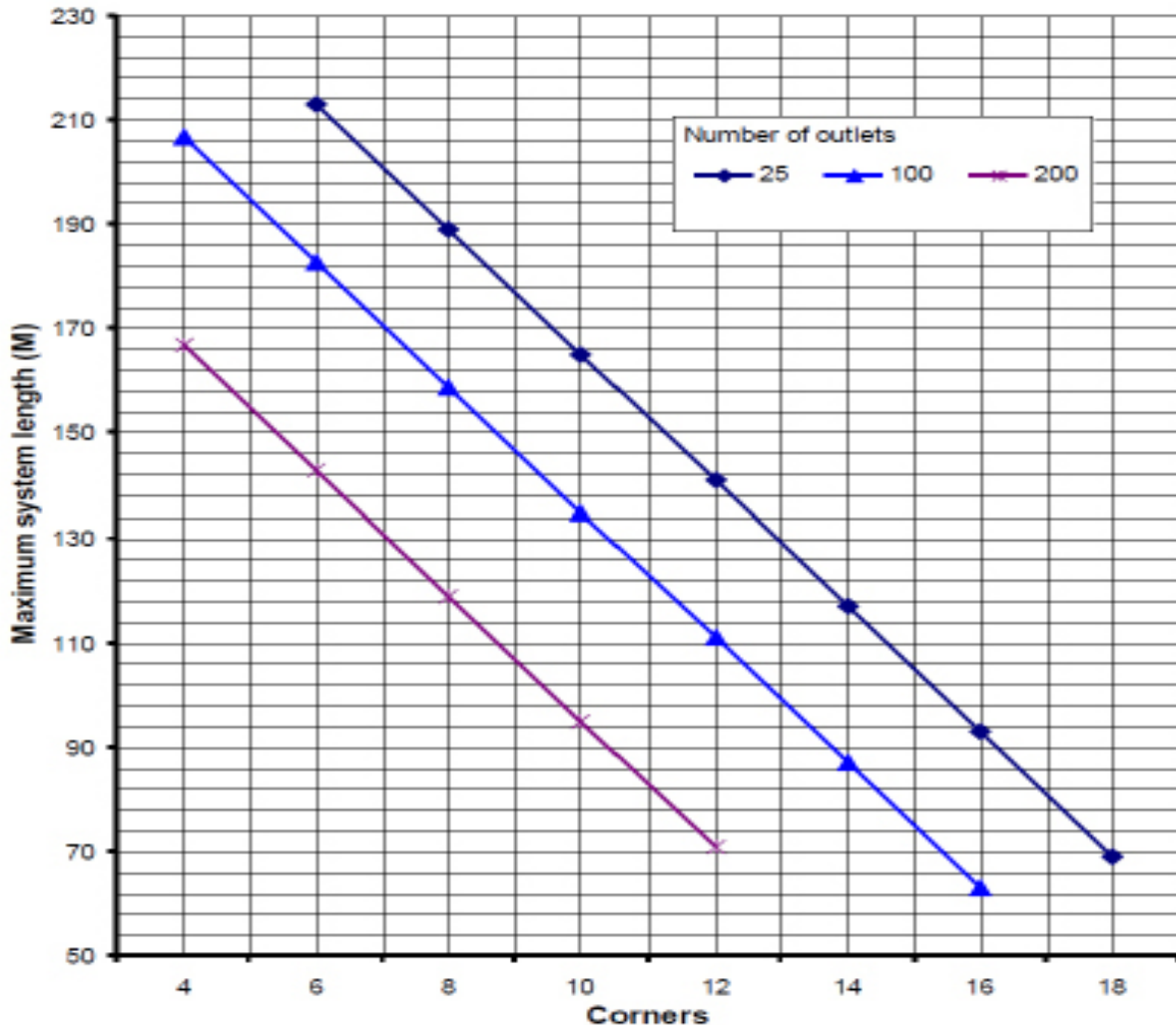
CONVEY

Cable System 50mm (2")

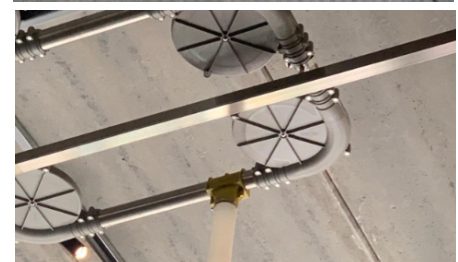


DIMENSIONING INFORMATION 50MM SYSTEM

Maximum system length compared to the number of corners

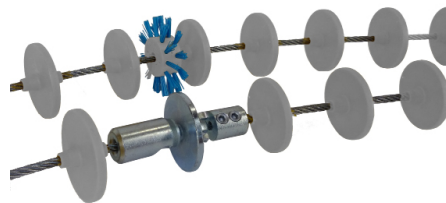


- Capacity:** 1.02 ton/ hour (1.410 r/m motor and 60% tube filling)
- Motor:** 0,75 kW
- Length:** 220 meters (results depend on elevations, corners & drops)
- Hoppers:** 1 hopper pulled by the cable Equals 25 M
- Tube filling:** 65%
- Filling of system:** 75% of total tube length
- Cable speed:** 23 mt/min
- Elevations:** None. Every 1m of elevation reduces dimensioning length with 4m
- Feed:** Pellets Ø 4mm, length 15mm
- Service:** Service and maintenance according to manuals



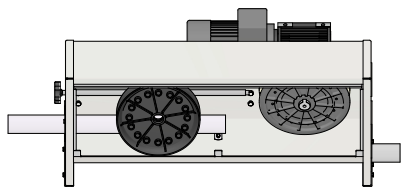
CONVEY

Cable System 50mm (2")



DRIVE UNIT

1.1kw Drive Unit



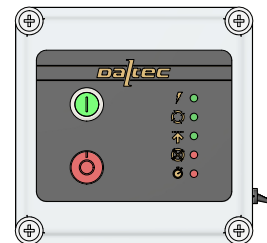
Part #: D050101
Drive Unit, 40:1 Gearbox, 1.1kw Motor (Suitable Cable or Chain)
(Replaces C50100)

Starter Package includes: Drive Unit with Motor & Controller.

Part # DP50001-1PH (Single Phase)

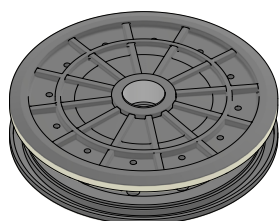
Part # DP50001-3PH (Three Phase)

Feed System Controller



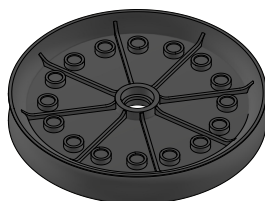
Part #: D700021
Ready to Run Controller
Single & 3 Phase Available

50mm Drive Unit Wheel



Part #: D101005
50mm Drive Unit Wheel
ø250 x 50mm, keyway. Suits D050101

Tension Pulley Wheel



Part #: D101650
Tension Pulley Wheel
Suits D050101

Drive Induction Sensor



Part #: DE101011
Drive Induction Sensor

Gearbox



Part #: D101160
50:1, Gearbox, 120mm shaft, size 75

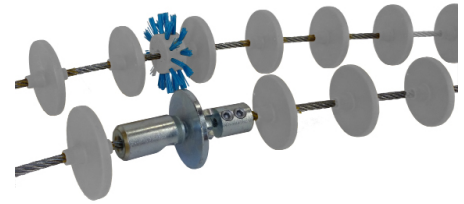
Motor



Part #: ACMGFMB1475-1
0.75kw, 4P, 1410 rpm (Single Ph)
Part #: ACMGFMB1475-3,
3 Phase Option

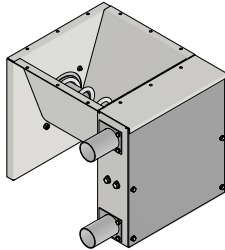
CONVEY

Cable System 50mm (2")



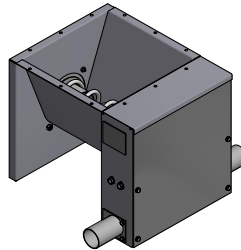
HOPPER

Hopper, 180° Passage



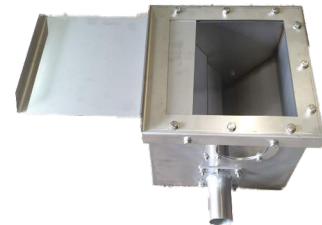
Part #: D050201
50mm Hopper, SST, feed intake controlled by cable speed & through regulator on hopper.

Hopper, Straight Passage



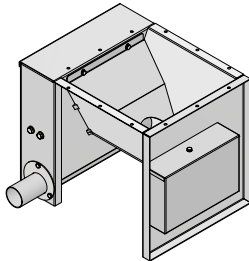
Part #: D050202
50mm Hopper, SST, feed intake controlled by cable speed & through regulator on hopper.

Hopper Receiving with Ports



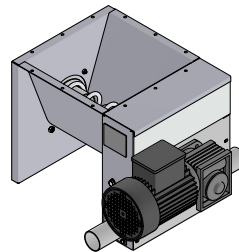
Part #: F50105
50mm Receiving Hopper with shutter, SST

Hopper, Electric



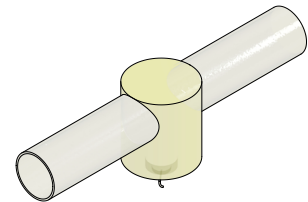
Part #: D050210
50mm Hopper, 24V Dc, Electric Adjust With Straight Passage, SST, Feed flow adjust by freq control motor

Hopper 400V Motor



Part #: D050205
50mm Hopper 400V Motor (3 Phase). Use with Motor Protection #DE001047

Completion Detector



Part #: D050223
10-40v DC completion detector. Works in conjunction with Motorised Hoppers

CABLE CONVEYOR

(2") Cable Conveyor



Part #: C38201
50mm (2") Cable Conveyor (Button 32mm, Spacing 50mm)

2" Cable Connector, SST



Part #: C38209
Cable Connector (button ø32mm) SST

2" Cable Connector



Part #: AZA38
Cable Connector (button ø27-29mm)

Cablefeed Connector



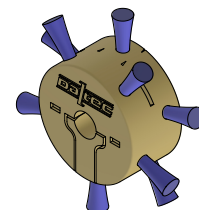
Part #: D261101
Cable Connector 2 Shell, fits 5mm wire for use in Cablefeed Drive Only

Cablefeed Connector



Part #: D261534
50mm Cable Connector Kit Link (Button 34mm, Spacing 50mm) for use in Cablefeed Drive Only

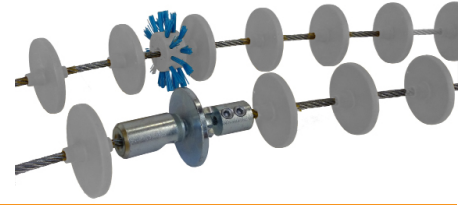
Cable Cleaning Brush



Part #: D261450
50mm Cable Cleaning Brush - Click On for use in Cable-feed Drive Only

CONVEY

Cable System 50mm (2")



CHAIN CONVEYOR (Option)

50mm Chain Conveyor



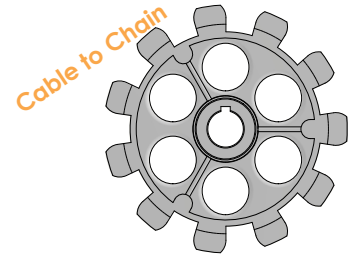
Part #: F451164
50mm Chain Conveyor
(Disc 32mm, Spacing 50mm)
Fits 50mm Pipe

40/50mm Chain Joiner



Part #: F401293
40/50mm Chain Joiner (Bag of 5)

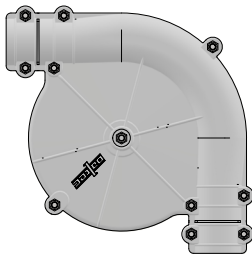
Cable/ Chain Drive Sprocket



Part #: F404342
40-50 Drive Sprocket \varnothing 25cm, Shaft \varnothing 4cm., 15 teeth, 2.5cm wide to suit C100004 Drive Shaft

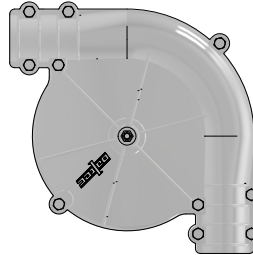
CORNER

90° Cable Corner (ALUM)



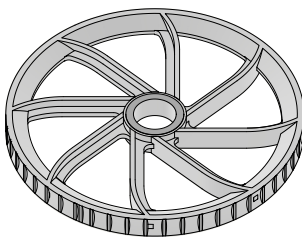
Part #: D050250
50mm 90° Cable Corner
(Aluminium) (replaces C50300)

90° Cable Corner (PVC)



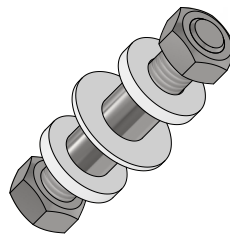
Part #: D050252
50mm 90° Cable Corner (PVC)

Corner Idler Wheel



Part #: D251020
50mm Idler Wheel (Nylon)- Inc
Bearing & Axle, One Directional

50mm Corner Idler Wheel Axle



Part #: D0251035
50mm Axle for Corner Idler Wheel
(Bag of 5) (suits D251020)

Corner Idler Wheel



Part #: C300385
38mm Corner Idler Wheel
(suits #C35300 90° Corner)

Axle for Corner Idler Wheel



Part #: C300005
38mm Corner Idler Wheel Axle
(Bag of 5)
(suits #C300385 Idler Wheel)

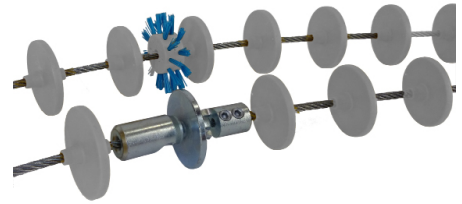
Corner Bronze Bearing



Part #: C300006
Corner Bronze Bearing.
(Bag of 10)
(suits #C300385 Idler Wheel)

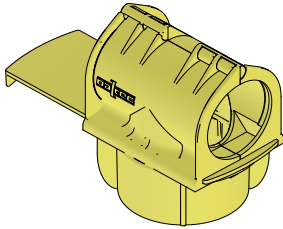
CONVEY

Cable System 50mm (2")



DROPS

Feed Drop



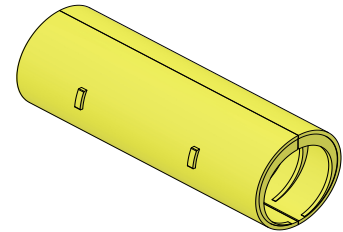
Part #: D50333
50mm Feed Drop with Metal Closer,
Outlet ID \varnothing 57/62 with insert

Feed Drop with Slide



Part #: C50401-S
50mm Feed Drop with Slide Shutter

Feed Pipe Adapter



Part #: D050330
Fits 50mm pipe to use any 60mm
drops & dispenser, 180cm L

Accudial Dispenser



Part #: C50606
50mm Accudial Dispenser
51cm High

Vol Drop



Part #: C50602
Small Vol Drop - 42cm H
Part #: C50615
Large Vol Drop - 53cm H

Vol Control Drop



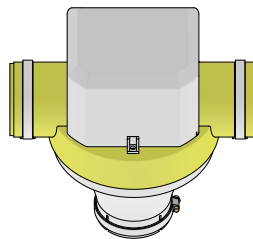
Part #: C50603
38mm Small Vol Control Drop
Part #: C50616
38mm Large Vol Control Drop

4.5 Litre Vol Drop



Part #: P780100
Central outlet, inlet offset, left or
right cable pull option,

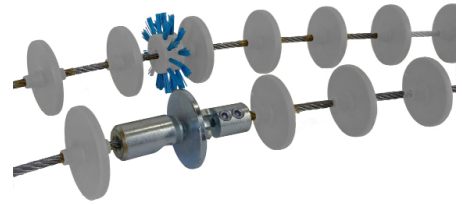
Electric Drop



Part #: D50440T
50mm Electrical valve for control via
ON/OFF signal. Feed-back signal for
opening and closing position.

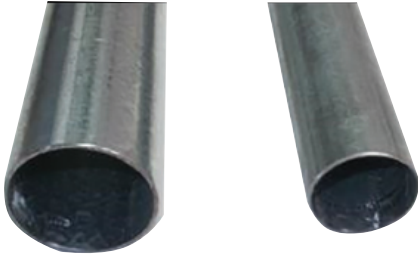
CONVEY

Cable System 50mm (2")



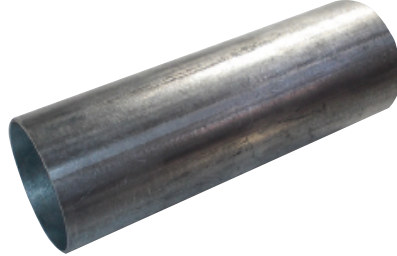
PIPES

Closed Tube



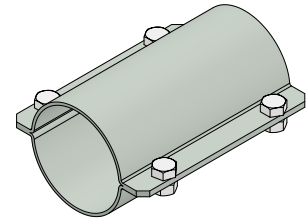
Part #: C50206
50mm Closed Tube

Closed Tube Connector



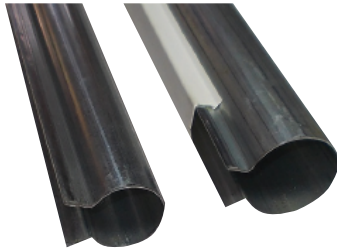
Part #: C50203
50mm Closed Tube Connector

Tube Coupler with screws



Part #: D050275
50mm Tube Coupler with screws

Open Tube (3.6 mtr)



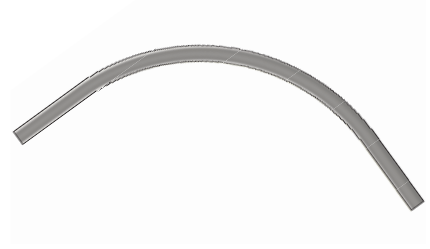
Part #: C50207-12
50mm Open Tube (3.6mtr)

Open Tube Connector



Part #: C50204 10
50mm Open Tube Connector

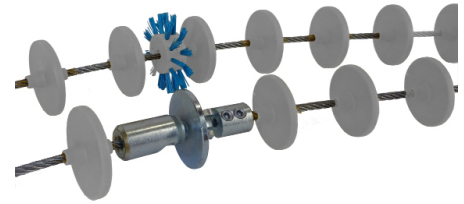
50mm 90° Bend (Galv)



Part #: D9050
50mm 90° Bend (Galv)

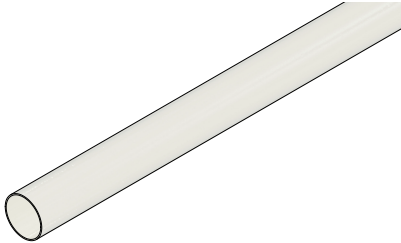
CONVEY

Cable System 50mm (2")



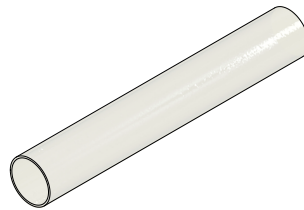
PIPES (cont'd)

Transparent Tube



Part #: D050272
50mm Transparent tube
(3m length)

Inspection Section



Part #: D50211
50mm Inspection Section to
determine fill levels
(33cm length)

Tube Hold Down



Part #: C50205
50mm Tube Hold Down

Tube Hold Down Combination



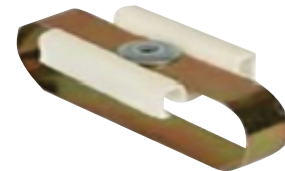
Part #: C50210
50mm Tube Hold Down
Combination

Tube Hold Down Combination with Eye Bolt



Part #: C50213
50mm Tube Hold Down
Combination with Eye Bolt

Tube Hold Down - Snap On



Part #: C50214
50mm Tube Hold Down - Snap On

Angle Hinge - Large



Part #: D270122
210 x 210 mm Angle hinge for fixing
feed line to wall

Angle Hinge - Small



Part #: D270121
260 x 344 mm Angle hinge for fixing
feed line to wall

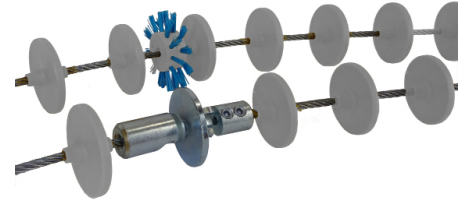
Fixing Clamp



Part #: D270112
ø50.8 mm - used with angle hinge
for mounting feed line

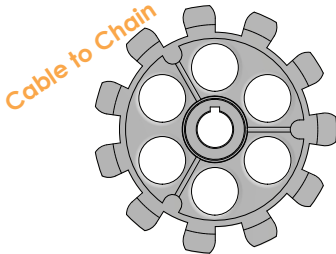
CONVEY

Spare Parts 38mm (1.5") & 50mm (2")



Spare Parts (1.5" & 2" Older Cable Drive Systems)

▼ Cable/ Chain Drive Sprocket



Part #: F404342
40-50 Drive Sprocket ø25cm, Shaft ø4cm., 15 teeth, 2.5cm wide to suit C100004 Drive Shaft

▼ Sprocket Adapter Kit



Part #: C100004 Kit
Sprocket Adapter Kit to suit #F404342. (Made up with #C100004/5/6)

▼ Cable Drive Sprocket



Part #: C100026A
Cable Drive Sprocket ø27cm, 2.5cm wide (15 teeth)

▼ Cable Drive Sprocket



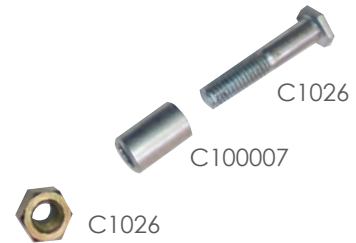
Part #: C102024
Cable Drive Sprocket to suit sm 102 Drive. (30 teeth)

▼ Drive Tension Idler Wheel



Part #: C100017A
Drive Tension Idler Wheel (ø160mm, bore 19mm)

▼ Drive Idler Wheel Axle



Part #: C1026
Drive Tension Idler Wheel Kit (suit C100017 Idler Wheel)

▼ 40/50 Chain Aza Driving Wheel



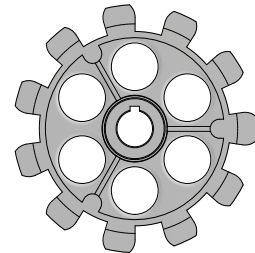
Part #: F403644
40/50 Chain Aza Driving Wheel, requires square drive shaft (15 teeth)

▼ 40/50 Chain Aza Driving Wheel



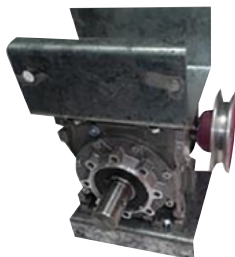
Part #: AZA0083GTR1SN
38mm Cable Aza Driving Wheel, Nylon, (15 teeth)

▼ 45/50 Chain - Driving Sprocket



Part #: F453981
45/50 Chain - Driving Wheel with keyway. ø24cm, shaft ø4cm, 3.5cm wide (14 Teeth)

▼ 40:1 Gearbox Kit



Part #: C100050-R
40:1 Gearbox Kit (inc Shaft, Brackets & pulley)

▼ Drive Sprocket Adapter



Part #: C102027
For use with C100050-R
ID: 22mm, OD: 32mm, length 22mm

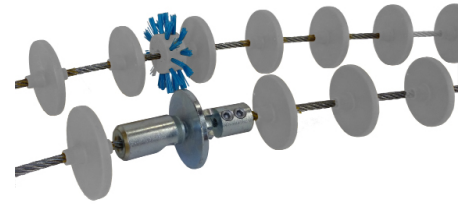
▼ Drive Gearbox shaft



Part #: CA1030MS
For use with C100050-R

CONVEY

Spare Parts 38mm (1.5") & 50mm (2")



Spare Parts (1.5" & 2" Older Cable Drive Systems)

3.5" Pulley



Part #: AA920-CB
3.5" Pulley with Steel Bearing

2" Pulley, Swivel



Part #: AA950-C
2" Pulley Swivel, plastic (45mm)

3/4" Pulley, Swivel



Part #: AA990-C
3/4" Pulley Swivel, plastic (20mm)

3/4" Anchor Pulley for Dispenser



Part #: AA990-A

Swivel Hook



Part # C1054
Swivel Hook (Bag of 10)

Cable Slide Adjuster



Part # AA1117
Adjuster, Cable

Clamp



Part #: AA1123
Plastic Clamp

S Hook



Part #: AA1121
S Hook, Large
(Bag of 20)

Pulley Bracket



Part #: AA1120
Pulley Bracket

Drive Micro Switch Roller



Part #: C01101R
Drive Micro Switch Roller
(suits C38100 & C50100 Drive)

Mecury Switch



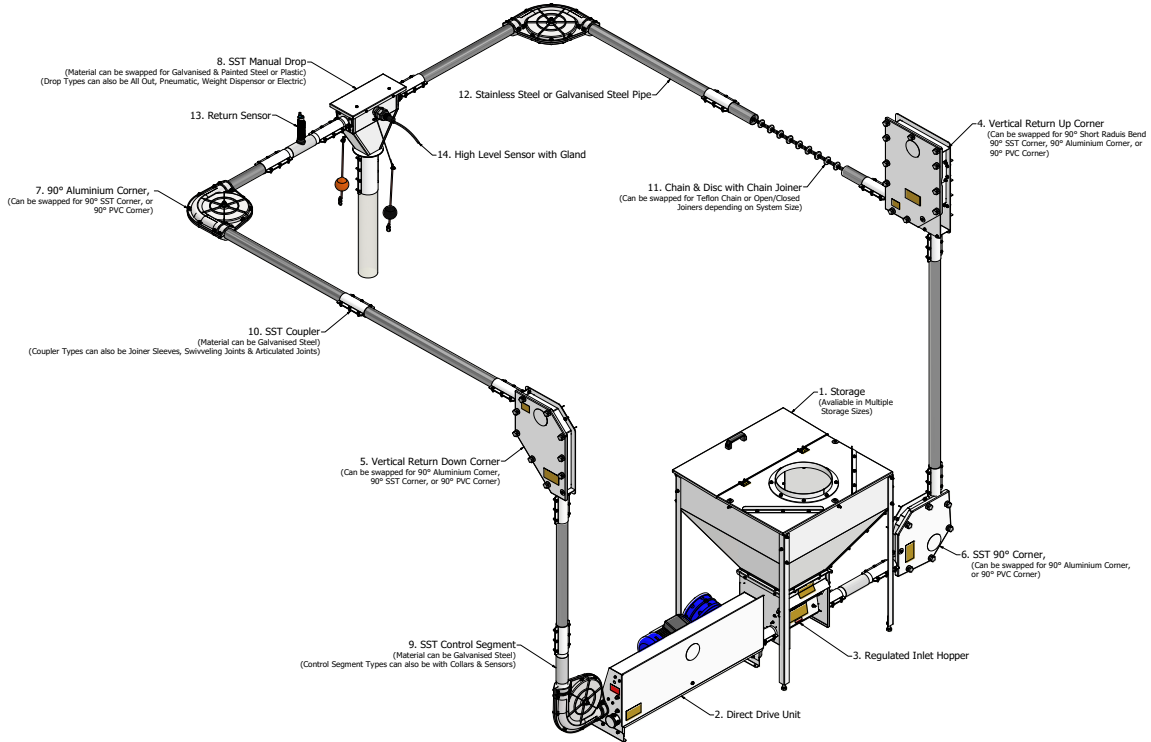
Part #: C1151
Mecury Switch, insulated steel, 5A

CONVEY

Chain System 60 mm



AFSystems Closed Loop chain conveyor systems move Feed/Food through a circuit at variable speeds, the flexibility of the chain allows it to be used in numerous industries such as Agri Food/Seed, Process Manufactory and many more. The Material is introduced into the conveyor circuit via a hopper. The Material can be delivered at any point using different kinds of flow device (drop tubes, discharge segments, dispensers etc).



CHAIN

- Hardened Steel with nylon discs

DRIVE UNIT

- Hardwearing & compact
- Can be positioned in various points in circuit
- Supplied with auto tensioning pulley & safety switch
- Stainless Steel available

CORNERS & BENDS

- 30°, 45°, 60°, 90°, 180° available for vertical & horizontal circuits
- Corners available in SST, Galv, Aluminium & PVC
- 30° Bends with bolt or side on couplers

HOPPERS

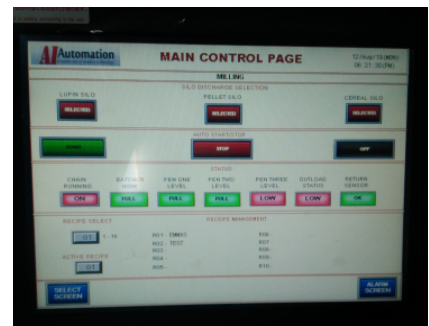
- Galvanised or Stainless Steel
- Versions with extraction auger & motorised drive
- With agitator hammer & flow regulation
- 1, 2, 3 way Hoppers available

DROP TUBES

- Plastic casing & metal shutter
- Manual, Rope Pull, Electric or Pneumatic
- Optional covers

CONTROLS

- R2R , DOL or Mechanical Control Box
- Full Auto PLC & Weigh systems available.



CONVEY

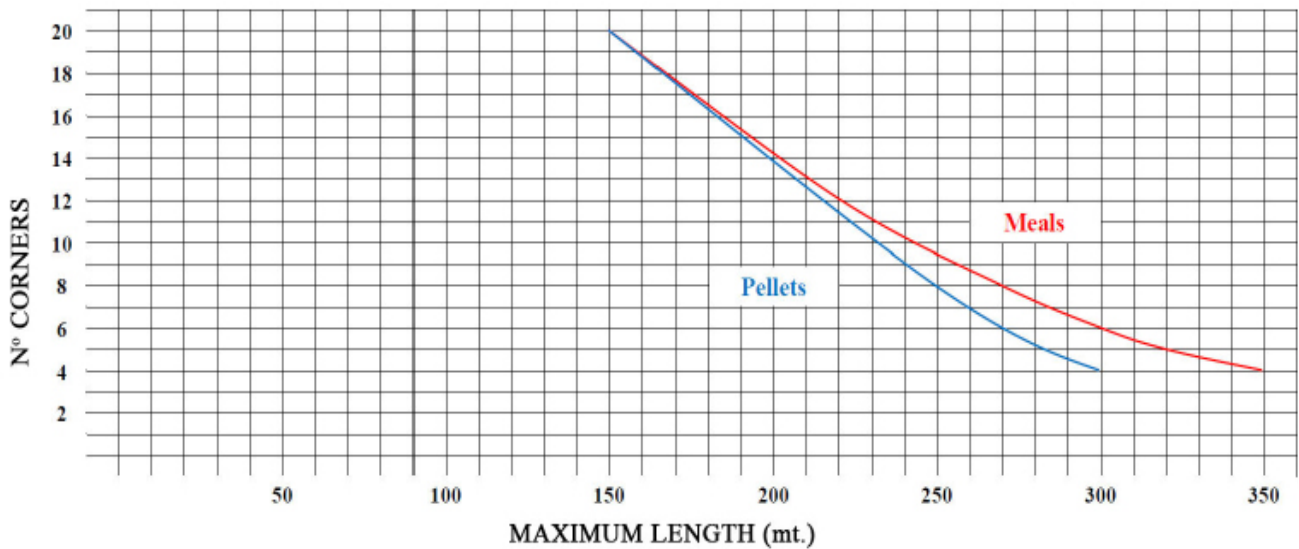
Chain System 60 mm



DIMENSIONING INFORMATION 60MM SYSTEM

Calculation of the maximum length of the circuit

CIRCUIT Ø 60



Capacity:	2 ton/ hr
Motor:	1.5 kW
Hoppers:	1 hopper pulled by the cable Equals 25 M
Length:	300 mtr (results depend on elevations, corners & drops)
Filling of system:	50% of pipe @ 75% length
Chain speed:	24 mt/min
Elevations:	Cleanout Systems avail for vertical elevation
Feed:	Pellets Ø 4mm, length 15mm
Service:	Service and maintenance according to manuals



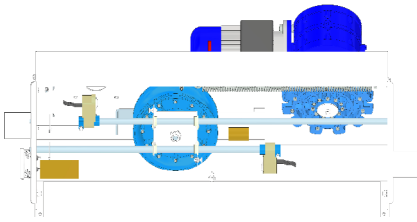
CONVEY

Chain System 60 mm



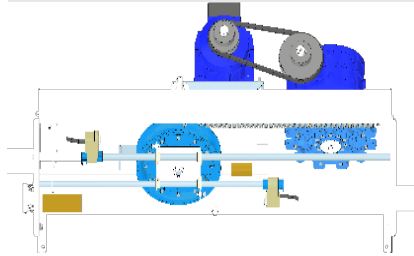
DRIVE UNIT

1.5kw Direct Drive Unit



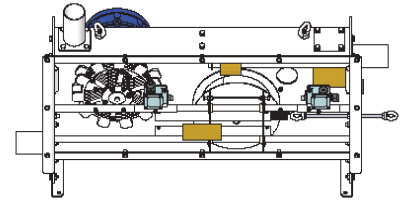
Part #: F601559
60mm 1.5kw Direct Drive Unit, SST
Used for narrow installations
Right Return (pictured)
Left Return

1.5kw Drive Unit (Belt)



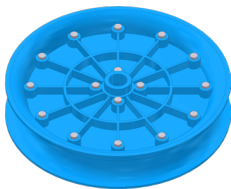
Part #: F601570 +
60mm 1.5kw Belt Drive Unit,
3 Phase, 24v microswitch (SST)

1.5kw Direct Drive Unit, ATEX



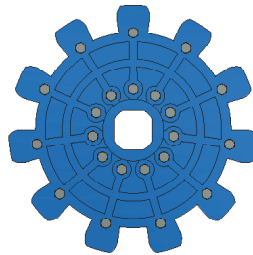
Part #: RI602713 (Left Shown)
1.5kw ATEX 21 switches Di-
rect Drive Unit, SST (no belt)
Right Return (pictured)
Left Return

Drive Tension Pulley Wheel



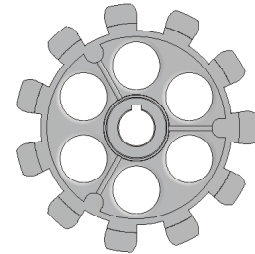
Part #: F601563
60mm Drive Tension Pulley Wheel

Drive Sprocket (PVC)



Part #: F605447-SB
60mm Drive Sprocket (PVC) with
SST boss

Drive Sprocket



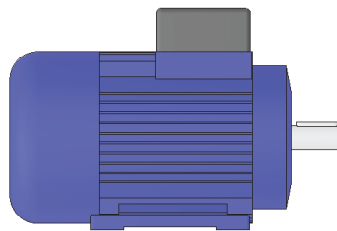
Part #: F603738
60 Chain - Driving Wheel with key-
way, ø26cm, shaft ø4cm
(11 Teeth)

Tension Pulley Kit



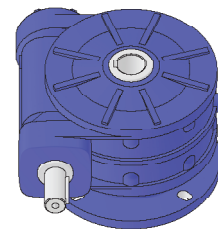
Part #: F603801K
60mm Drive Shaft Tension Pulley Kit

Motor, 1.5kw (Direct)



Part #: F3057
1.5kw Motor, B3 4P

Gear Reducer for Drive Unit



Part #: F3126
Gear Reducer for Drive Unit

Drive Sprocket - 63mm



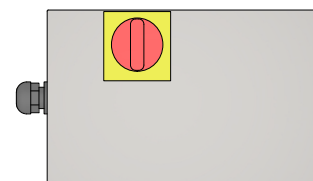
Part #: AFS60261
60mm PVC Drive Sprocket to suit
63mm Cable (D63261)

Drive Unit 240v Microswitch



Part #: F3723HV
Drive Unit 240v Microswitch
(with Bracket Option)

Ready to Run Controller



Ready to Run Controller.
* Single or 3 Phase
* 1 DOL, 2 DOL options.
* 1.5 kw or 3kw capacity
Can run aux unit like hopper.
Part #: 1.5AFMultiBox (1.5kw)
Part #: 3AFMultiBox (3kw)

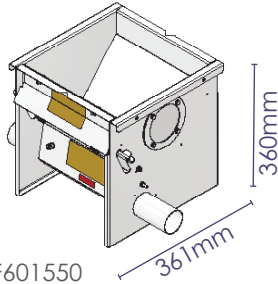
CONVEY

Chain System 60 mm



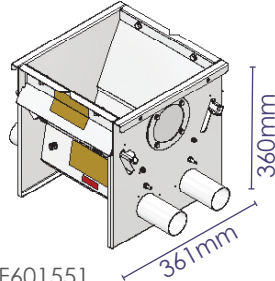
HOPPER

One Way Hopper



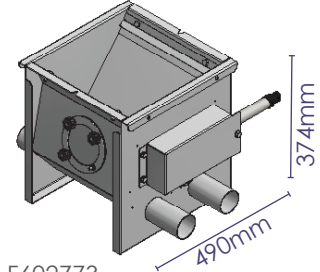
Part #: F601550
60mm One Way SST Hopper
Height: 360mm

Two Way Hopper



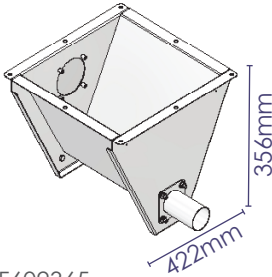
Part #: F601551
60mm Two Way SST Hopper
Height: 360mm

Two Way Hopper Pneu Selector



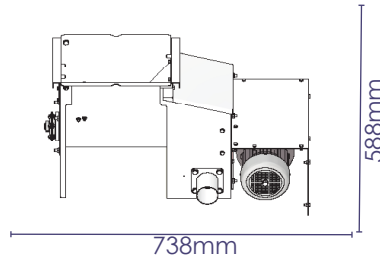
Part #: F602773
Two Way SST Hopper with
Pneumatic selector for divider
Height: 374mm

One Way Hopper - No Reg



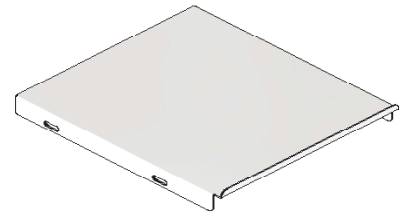
Part #: F602365
60mm One Way SST Hopper,
Without Regulations
Height: 354mm

Hopper Motorised - Malt



Part #: F601679AFS
0.37kw pull Motor for milled
grain, 100mm auger, 3 Phase, SST
Height: 406mm

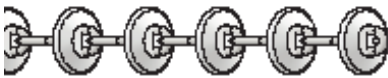
Silo Adaptor with Slide



Part #: F50050
Silo Adaptor with SST Slide
(no cut out)
Height: 47mm

CHAIN CONVEYOR

60mm Chain Conveyor



Part #: F601164
60mm Chain Conveyor
(Button 46mm, Disc spacing 70mm)

Part #: F601167B4: Industrial 60mm
Chain- (thicker chain & disc)

Part #: F602651B4: Teflon 60mm
Chain with $\varnothing 46$ button

Part #: F601202: SST Chain $\varnothing 46$
Button Disc Spacing 70mm

60/70 Chain Joiners



Part #: F601293
60/70 Chain Joiners (Bag of 5)

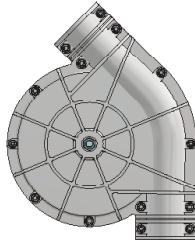
CONVEY

Chain System 60 mm



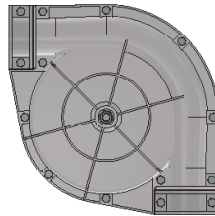
CORNERS

45° Corner



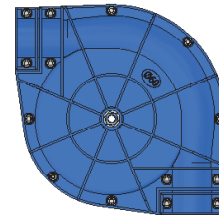
Part #: F601591
60mm 45° Corner

90° Corner



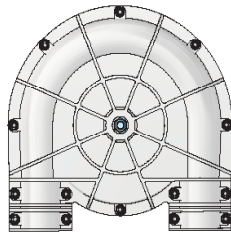
Part #: F601173
60mm 90° Corner

90° Corner (PVC)



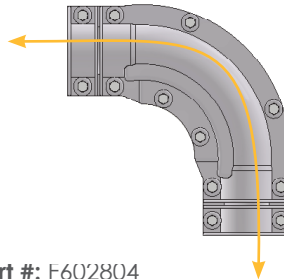
Part #: F601174
60mm 90° Corner (PVC)

180° Corner



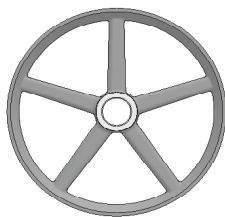
Part #: F601592
60mm 180° Corner

90° Short Radius Bend



Part #: F602804
60mm 90° Short Radius Alum bend
with SST insert

Pulley Corner Wheel-Alum



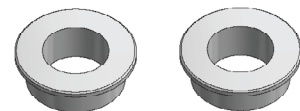
Part #: F603853
60mm Corner Pulley Wheel for Alu-
minium corners

Axle Pulley Corner Wheel



Part #: F603852
Axle for 60mm Pulley Corner Wheel
. Alum corner

Pulley Corner Wheel Bush



Part #: F603844
60mm Pulley Corner Wheel Nylon
Bush (Comes in bag of 10)

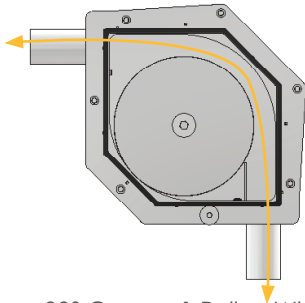
CONVEY

Chain System 60 mm



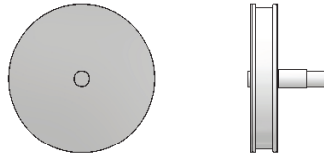
CORNERS (continued)

90° Corner, SST



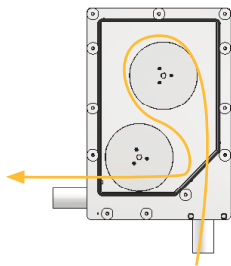
60mm 90° Corner, 1 Pulley Wheel, SST.

Pulley Corner Wheel, SST



Part #: F608586
60mm SST Corner Pulley Wheel, $\varnothing 24 \times 4.5$ cm w/shaft . Suit corner F602089

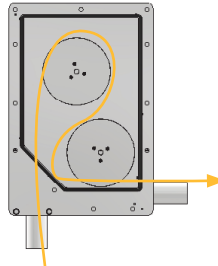
90° VR Up Corner, Left SST



Part #: F602097-S , 602751
90° Vertical Up, 2 Pulley Cleanout Corner, SST. (Pictured)

Part #: F602097-S: Left out

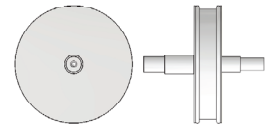
90° VR Up Corner, Right SST



Part #: F602097-D , 602751
60mm 90° Vertical (Up), 2 Pulley Cleanout Corner, SST. (Pictured)

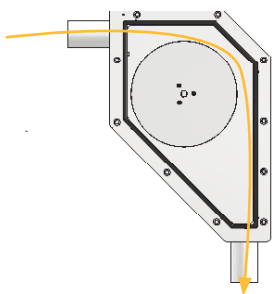
Part #: F602097-D: Right out

Pulley Corner Wheel, SST



Part #: F609134
60mm SST Corner Pulley Wheel, $\varnothing 19 \times 4.5$ cm welded shaft each side. Suit corner F602097

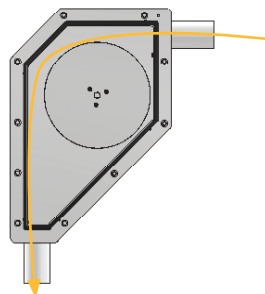
90° VR Down Corner, Left SST



Part #: F602095-S
90° Left in, Vertical Return down 1 Pulley, SST (pictured)

Part #: F602095-S: Left in.

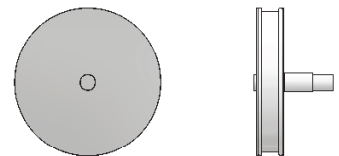
90° VR Down Corner Right SST



Part #: F602095-D
90° Corner Vertical (Down) Return (Right), SST

Part #: F602095-D: Right in.

Pulley Corner Wheel, SST



Part #: F608586
60mm SST Corner Pulley Wheel, $\varnothing 24 \times 4.5$ cm w/shaft . Suit corner F602095

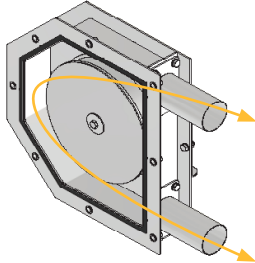
CONVEY

Chain System 60 mm



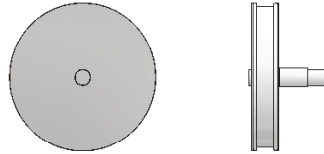
CORNERS (continued)

180° Corner, SST



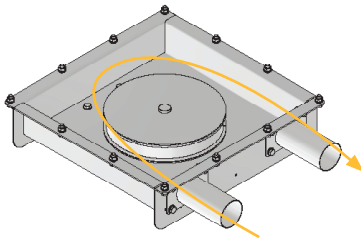
Part #: F602428
60mm 180° Corner,
1 Pulley Wheel, SST.
Pulley Wheel is F608586

Pulley Corner Wheel, SST



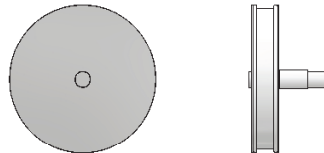
Part #: F608586
60mm SST Corner Pulley Wheel,
ø24 x 4.5cm w/shaft . Suit corner
F602095

180° Corner, SST



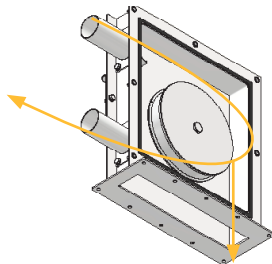
Part #: F602663
60mm 180° Corner with Horizontal
Discharge ø101.6mm, SST

Pulley Corner Wheel, SST



Part #: F608586
60mm SST Corner Pulley Wheel,
ø24 x 4.5cm w/shaft . Suit corner
F602095

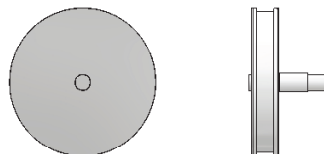
180° Corner with Vertical Discharge, SST



Part #: F602432-S
60mm 180° Corner with Vertical
Discharge, SST (pictured)

Part # F602432-D, Right Outlet

Pulley Corner Wheel, SST



Part #: F608586
60mm SST Corner Pulley Wheel,
ø24 x 4.5cm w/shaft . Suit corner
F602095

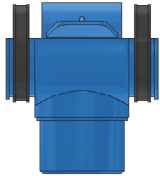
CONVEY

Chain System 60 mm



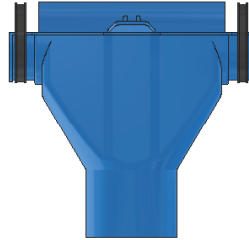
DROPS & DISPENSERS

Small Drop



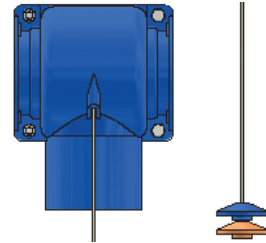
Part #: F601407
Small Drop with manual Shutter - Small (Outlet 46mm OD)

Medium Drop



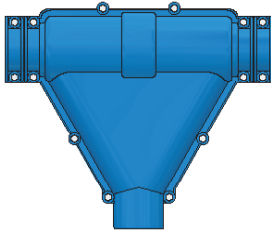
Part #: F601246
Medium Drop with manual Shutter - Large (Outlet 76mm OD)

Drop with Cord Shutter



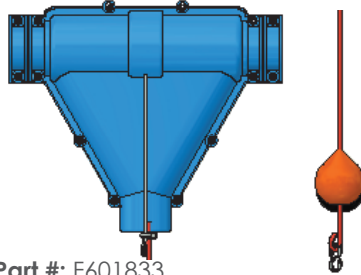
Part #: F601249
Drop with Manual Shutter via pull cord

Drop , No Shutter



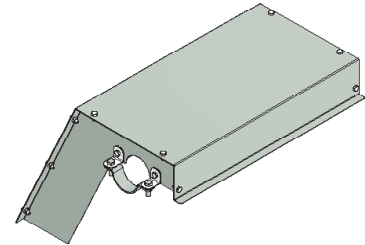
Part #: F601799
60mm Drop, No Shutter (Outlet 76mm OD)

Drop, Manual SST Shutter



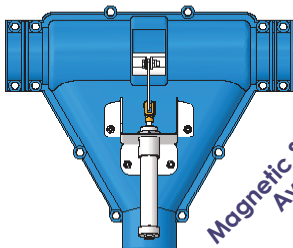
Part #: F601833
60mm Drop with Manual SST Shutter via pull cord

Drop Cover (Galv)



Part #: F002298
60mm Drop Cover (Galv)

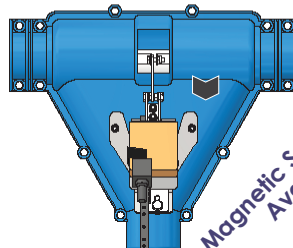
Pneumatic Drop



Magnetic Sensor Avail

Part #: F601928
60mm Drop , Pnuematic with SST shutter & cylinder

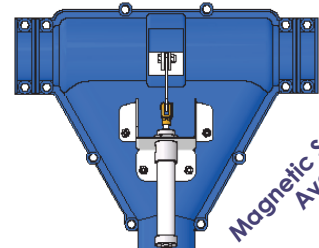
24V Electric Drop



Magnetic Sensor Avail

Part #: F601951
60mm Drop , Electric , 24 volt

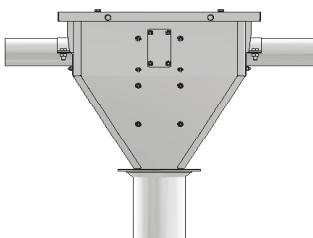
Drop Plastic Shutter with Cylinder



Magnetic Sensor Avail

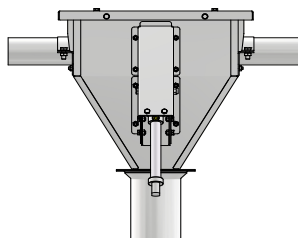
Part #: F601747
60mm Drop ,Plastic Shutter with Cylinder

SST Drop, All out, manual



Part #: F602525-20
60mm Drop , SST, ø102 outlet

SST Drop, Pnuematic



Part #: F602536
60mm Drop with pneumatic shutter, magnet sensors, ø102 outlet, SST

4.5l Vol Drop



Part #: P780100
Central outlet, inlet offset, left or right cable pull option,

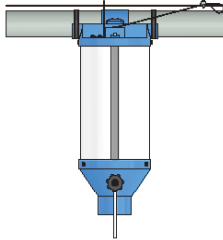
CONVEY

Chain System 60 mm



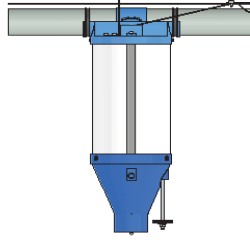
DROPS & DISPENSERS (continued)

4.4 Ltr Dispenser



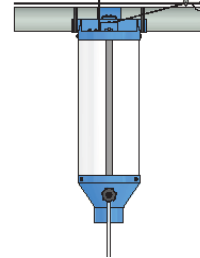
Part #: F601537
4.4 Litre Dispenser,
PVC (Outlet Central)

4.4 Ltr Dispenser (Offset)



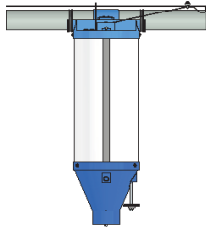
Part #: F601576
4.4 Litre Vol Dispenser
PVC (Outlet Off Set)

6 Ltr Dispenser



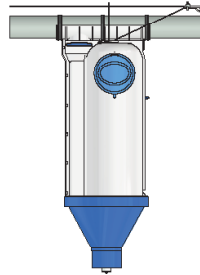
Part #: F601538
6 Litre Dispenser,
PVC (Outlet Central)

6 Ltr Dispenser (Offset)



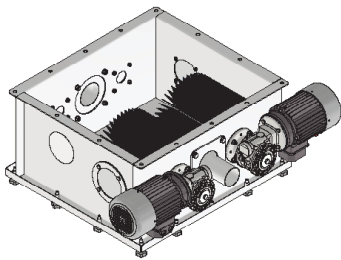
Part #: F601577
6 Litre Vol Dispenser
PVC (Outlet Off Set)

7 Litre Vol Dispenser



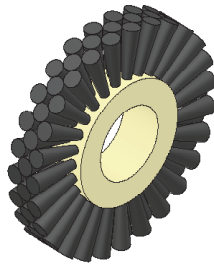
Part #: F601500
7 Litre Vol Dispenser

60mm Motor Brush Box



Part #: F602510
60mm Chain - Motorised Brush Box
(0.375kw)

60mm Chain Brush



Part #: F8403
102mm Chain Brush ($\varnothing 98.6 \times 32\text{mm}$)

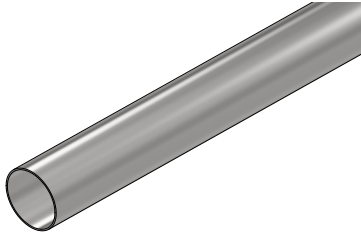
CONVEY

Chain System 60 mm



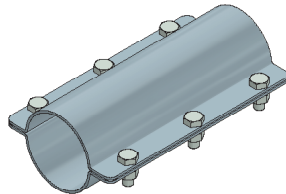
PIPE

Feed Pipe



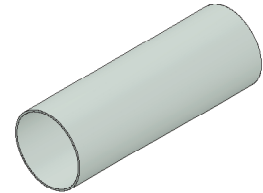
Part #: F601161
60mm Chain - Feed Pipe
Part #: F601162, SST

Coupler Pipe with Screws



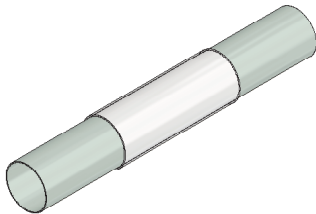
Part #: F601375
60mm Coupler Pipe with Screws
Part #: F601158, SST

Coupler Pipe



Part #: F601159
60mm Coupler Pipe
Part #: F601521, SST

Control Segment



Part #: F601184
60mm Chain - Control Segment
Part #: F601185, SST

Inspection Section



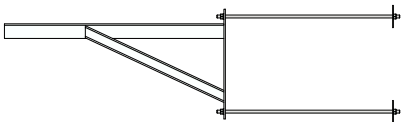
Part #: D60211
Inspection Section to determine fill levels (33cm length)

90° Bend (SST)



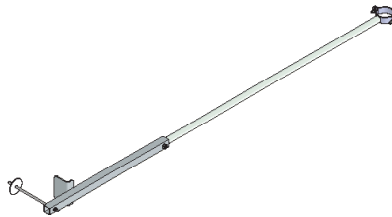
Part #: F608361
60mm 90° Bend (SST)

Drive Wall Bracket



Part #: F001391
60cm in length
F001392 - 100cm in length

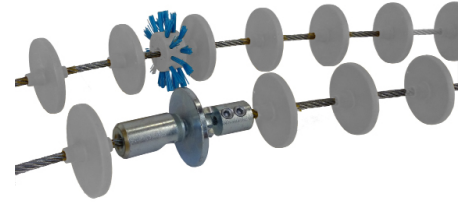
Telescopic Pipe Stand for Wall



Part #: F601287
60mm Telescopic pipe stand for wall (Max Height 1.6mtr)

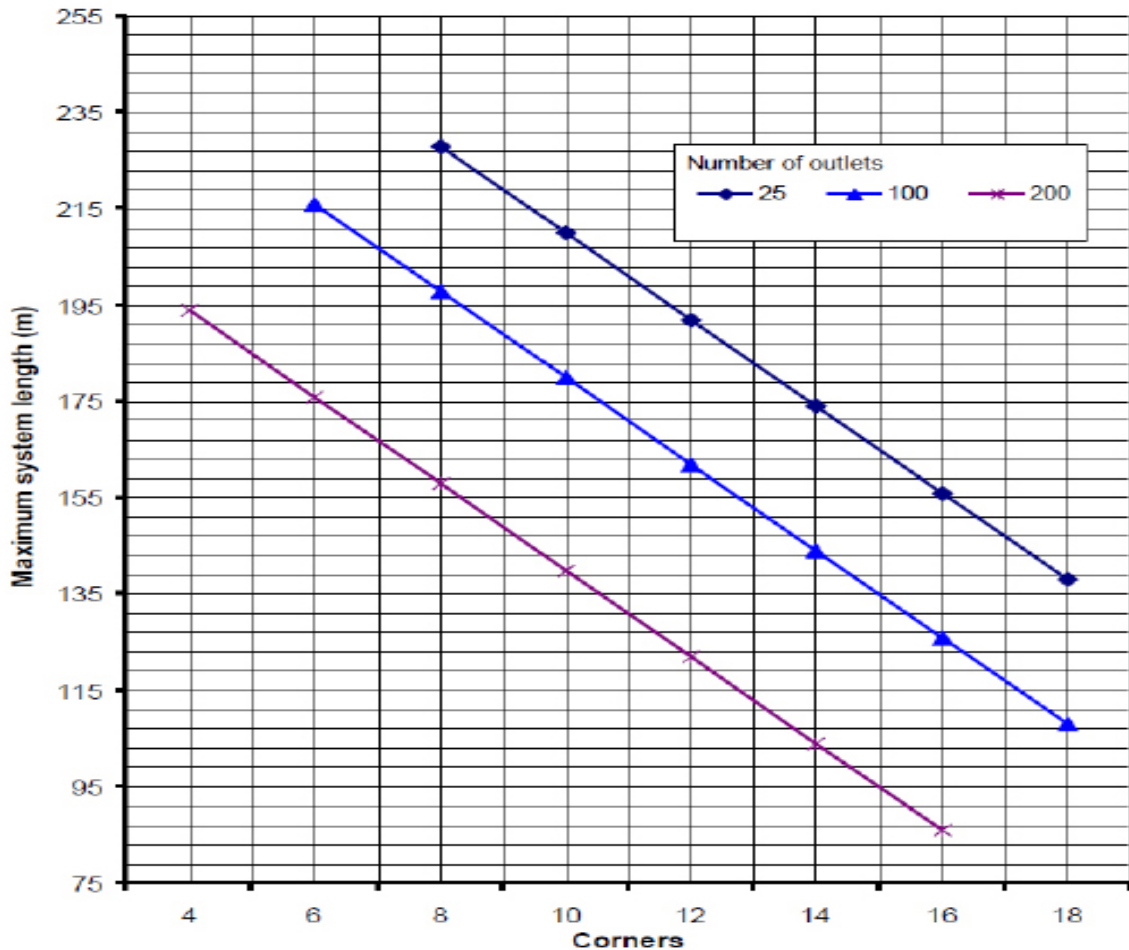
CONVEY

Cable System 63 mm

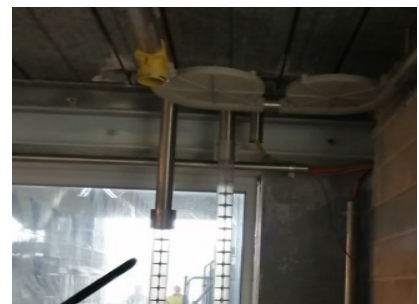


DIMENSIONING INFORMATION 63MM SYSTEM

Maximum system length compared to the number of corners

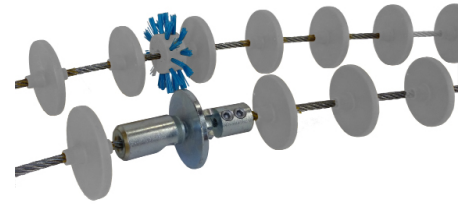


- Capacity:** 1.7 ton/ hour (1500 r/min motor and 60% tube filling)
- Motor:** 1.1kW, 1500 r/min.
- Length:** 220 meters (results depend on elevations, corners & drops)
- Hoppers:** 1 hopper pulled by the cable Equals 25M
- Tube filling:** 65%
- Filling of system:** 75% of total tube length
- Cable speed:** 24 mtr/min
- Elevations:** None. Every 1m of elevation reduces dimensioning length with 4m
- Feed:** Pellets Ø 4mm, length 15mm
- Service:** Service and maintenance according to manuals



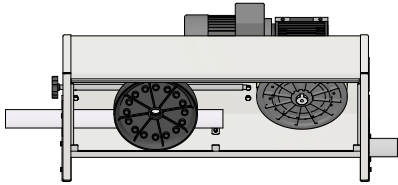
CONVEY

Cable System 63 mm



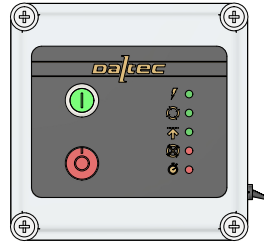
DRIVE UNIT

63mm 1.1kw Direct Drive Unit



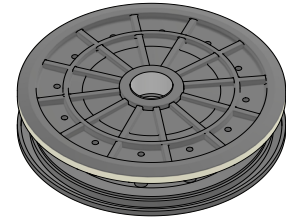
Part #: DI60101
63mm 1.1kw Direct Drive Unit, SST,
40:1 Gearbox (no belt)

Feed System Controller



Part #: D700021
Ready to Run Controller
Single & 3 Phase Available

Tension Pulley Wheel



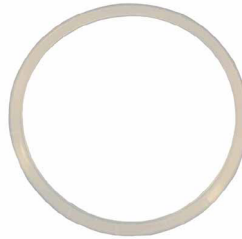
Part #: D101725
Drive Tension Pulley Wheel

Drive Induction Sensor



Part #: DE101011
Drive Induction Sensor

Drive Wheel Ring



Part #: D101211
63mm Drive rubber ring. 2 Rings per
wheel

Motor



Part #: ACMGFMB14-1.1
1.1kw 1500rpm motor .Single or
Three Phase

Gearbox



Part #: D101166
Gearbox 50:11, splined shaft, size 75

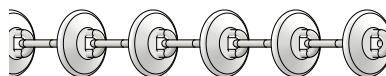
Alternative for using Chain Conveyor

Drive Wheel used with Chain



Part #: D101344
60mm Drive Wheel $\varnothing 33 \times 6.5$ cm used
with Chain (Button $\varnothing 45/46$ mm)
5 keyway

60mm Chain Conveyor



Part #: F601164
60mm Chain Conveyor
(Button 46mm, Disc spacing 70mm)

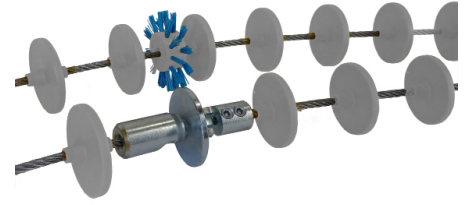
60/70 Chain Joiners



Part #: F601293
60/70 Chain Joiners (Bag of 5)

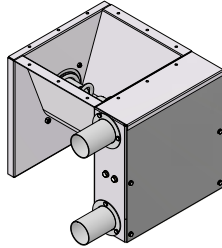
CONVEY

Cable System 63 mm



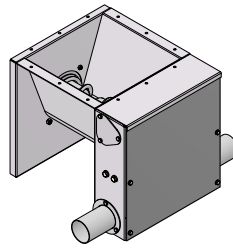
HOPPER

Hopper. 180° Passage



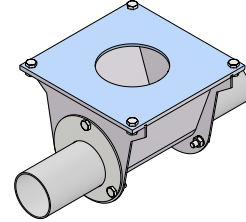
Part #: D63201
180° inlet Hopper, SST, feed intake controlled by cable speed & through regulator on hopper.

Hopper, Straight Passage



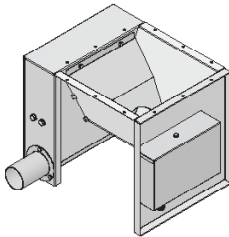
Part #: D63202
Straight thru Hopper, SST, feed intake controlled by cable speed & through regulator on hopper.

Return Boot With PVC Cover



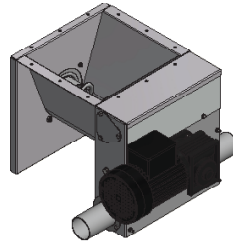
Part #: D200250
63mm Return Boot With PVC Cover, Can be combined with feed drop

Hopper, Electric



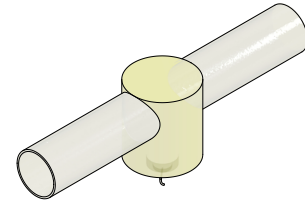
Part #: D63210
63mm Hopper, 24V Dc, Electric Adjust With Straight Passage, SST, Feed flow adjust by freq control motor

Hopper 400V Motor



Part #: DI63205
63mm Hopper 400V Motor (3 Phase). Use with Motor Protection #DE001047. VSD recommended

Completion Detector



Part #: D063223
10-40v DC completion detector used in conjunction with motorised hoppers

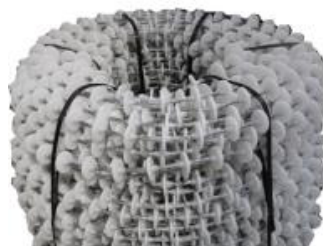
CABLE CONVEYOR

63mm Cable Conveyor



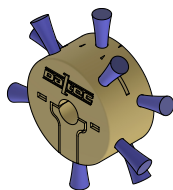
Part #: DI060262
Food Grade Cable Conveyor, Fibre Coated. Used in 60mm system (Button 52mm, Disc spacing 60mm)

63mm Cable Conveyor



Part #: D63261
63mm Cable Conveyor (Button 52mm, Disc spacing 80mm)

Cable Cleaning Brush



Part #: D261463
63mm Cable Cleaning Brush - Click On

Cable Connector - Shell



Part #: D261160
Cable Connector 2 Shell, fits 6.4mm cable

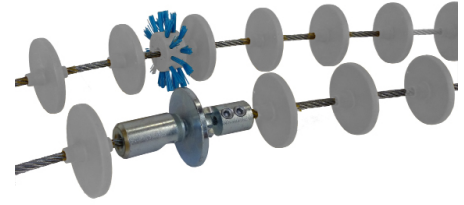
Cable Connector - Hook



Part #: D261652
52mm Cable Connector Kit Link Button 52mm, spacing 80mm fits 6.4mm cable

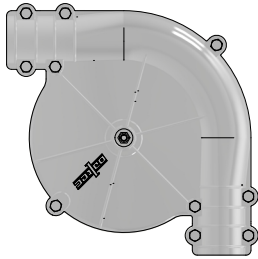
CONVEY

Cable System 63 mm



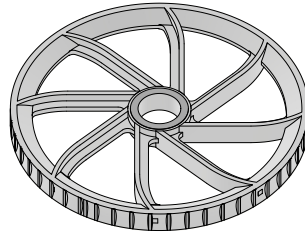
CORNERS

90° Cable Corner (PVC)



Part #: D63251
63mm 90° Cable Corner (PVC)

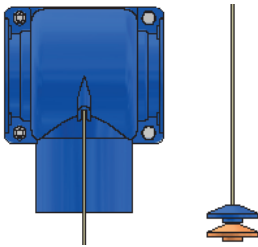
Corner Idler Wheel



Part #: D251720
63mm Idler Wheel (Nylon)- Inc Bearing & Pin Bolt . One Directional

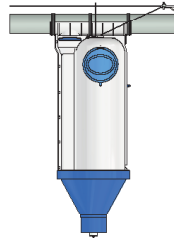
DROPS & DISPENSERS

Feed Drop



Part #: F631249
63mm Drop with Manual shutter with pull cord.

Dispenser (7 litre)



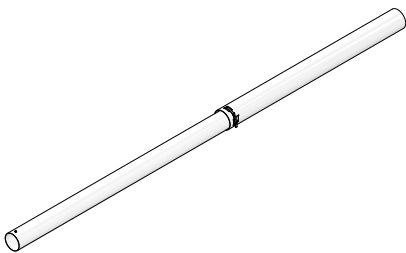
Part #: F601900
* Regulation by side
* Opening by Ball
* Frontal door for inspection
* Complete with Shutter, & clamps
* Connects to F001263 drop tube
* Outlet 7.6cm (OD)
* Dimension: 62.6cm high

Dispenser (7 litre)



Part #: D700211
* Large inspection hatch
* Front mounted release switch off
* Removable funnel for easy clean
* Connects to D700220 drop tube
* Outlet 8.3cm (OD)
* Dimension: 59.5cm high

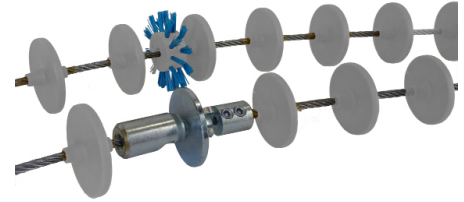
Telescopic Tube (PVC)



Part #: F001263
PVC Telescopic tube. Mounts with feed drop F601900.
Length: 1 mtr - 2 mtr extended.

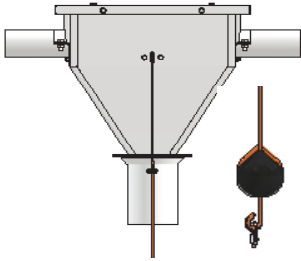
CONVEY

Cable System 63 mm



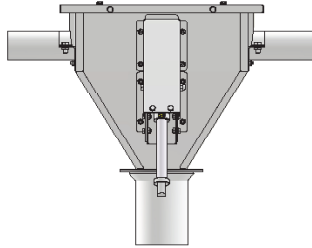
Dispenser (cont'd)

▼ SST Drop, All out, Manual



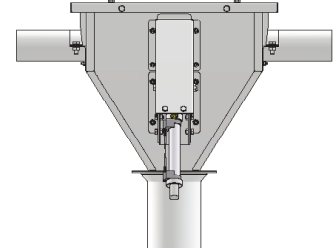
Part #: F638205
63mm Drop, ø102 outlet, SST

▼ SST Drop, Pneumatic



Part #: F632536
63mm Drop with Pneumatic shutter, ø102 outlet, SST

▼ SST Drop, Pneumatic w Sensors



Part #: F632536UDS
63mm Drop with Pneumatic shutter, ø102 outlet, SST with sensors

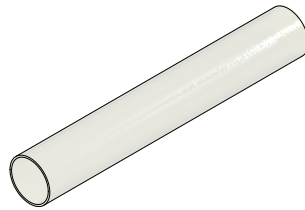
PIPE

▼ Feed Pipe



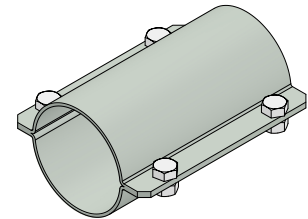
Part #: D1063270
63mm Feed Pipe, SST

▼ Inspection Section



Part #: D63211
Inspection Section to determine fill levels (33cm length)

▼ Tube Coupler with screws



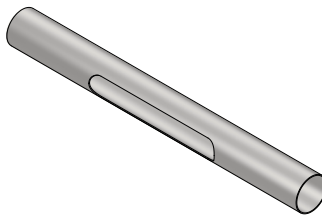
Part #: D1063275
63mm Tube Coupler with screws
Part #: D1063275R, SST

▼ 90° Bend (SST)



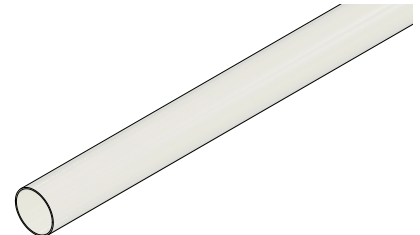
Part #: D90...
63mm 90° Bend (SST)

▼ Drop Tube Pipe



Part #: F60623863
Milled Pipe drop tube, SST for 63mm pipe

▼ Transparent Tube



Part #: D63272
63mm Transparent tube (3m length)

▼ Fixing Clamp



Part #: D270115
ø63.5 mm - used with angle hinge for mounting feed line

▼ Angle Hinge - Large



Part #: D270122
210 x 210 mm Angle hinge for fixing feed line to wall)

▼ Angle Hinge - Small



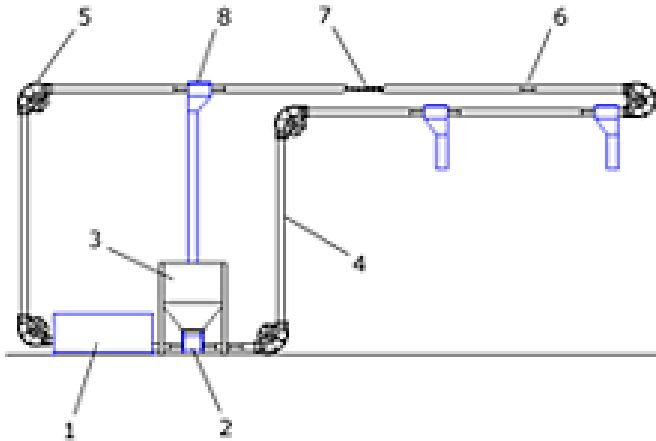
Part #: D270121
260 x 344 mm Angle hinge for fixing feed line to wall))

CONVEY

Chain System 102 mm



FALCON chain conveyors (102mm) are unique for their versatility. They can carry out very tortuous vertical and horizontal circuits up to a length of 300 meters with high capacity and extremely reduced power from 1.5kw to 3kw.



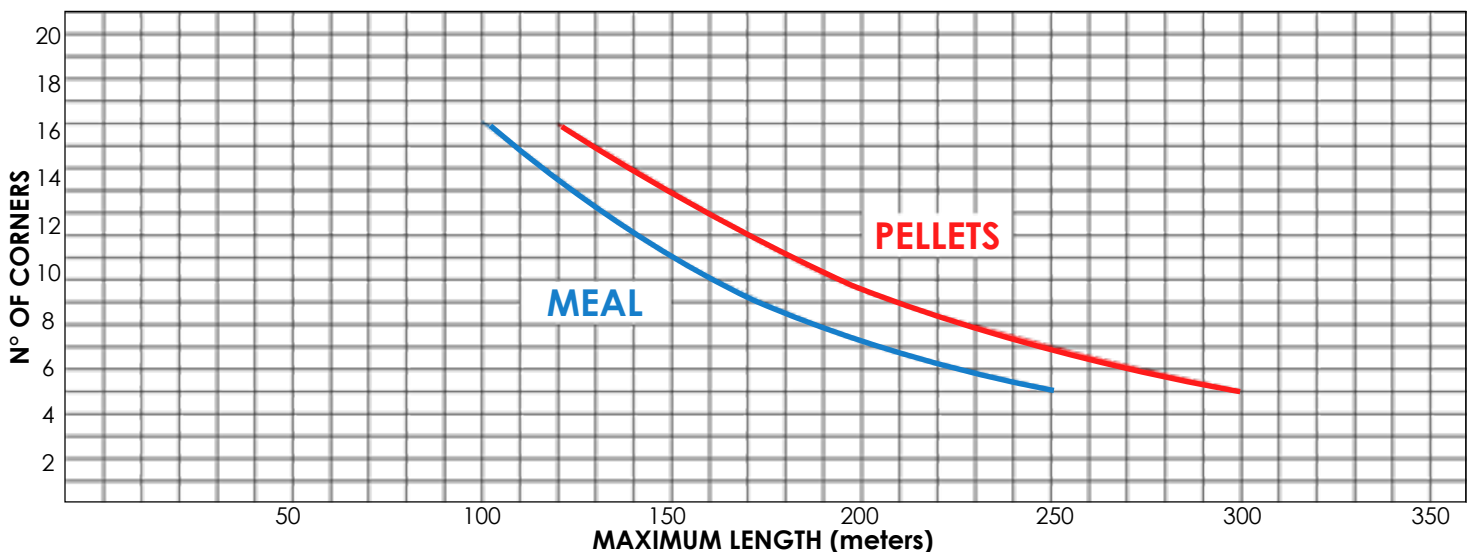
N°	Description
1	Drive Unit
2	Hopper
3	Collection Container
4	Feeding Pipe
5	Corner
6	Coupler for pipe
7	Chain conveyor
8	Drop Outlet & Tube

The chain (7) is pulled through the circuit by a drive unit (1). The feed is introduced into the system by means of a hopper (2) with a vibrating wall that helps keep the material flowing. The direction of the pipe line (4) can be easily changed by the 90°(5), 135° and 360° corners.

Feeding pipes are connected by the couplers with screws (6). The material can be discharged from the circuit at any desired location by manual or automatic drop tubes (8).

Model	Pipe Ø	Max Length	Power	Capacity	Applications
	mm	m	kw	m ³ /h	
AN102/11	102	300	1.5-3	6-8	Meals/Pellets

102 Chain System Corner/Distance

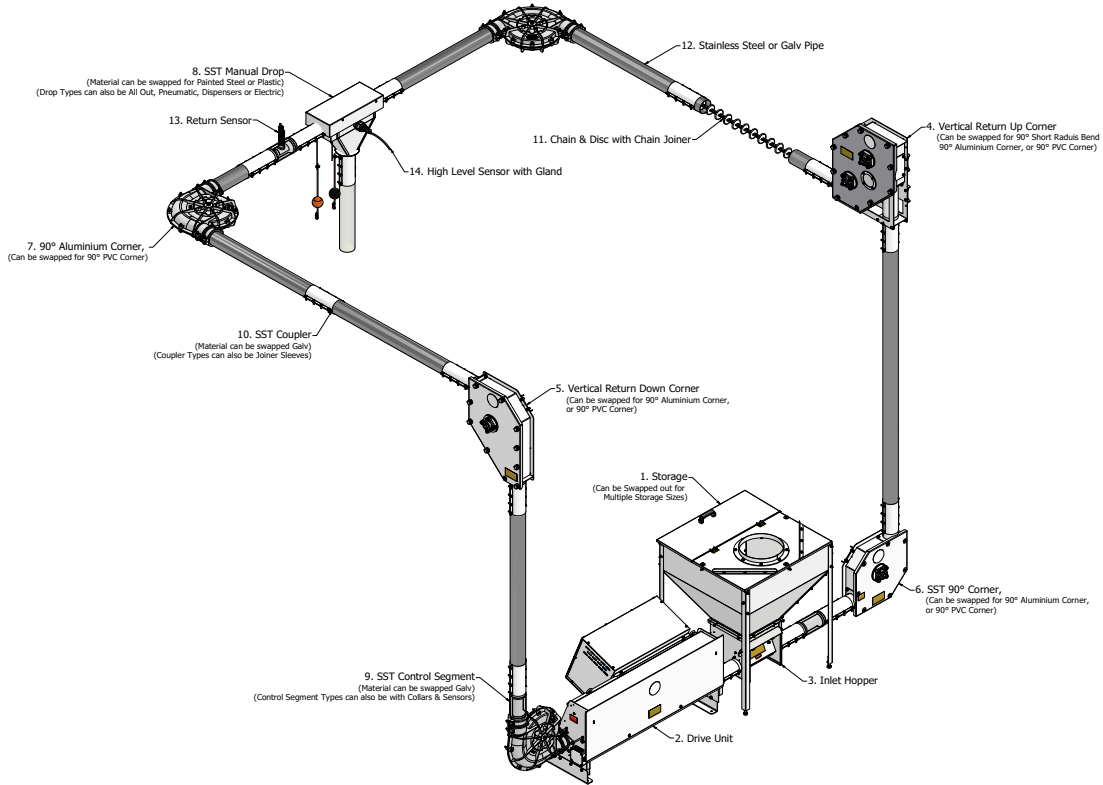


CONVEY

Chain System 102 mm



Falcon chain conveyor systems move feed through a circuit at high speed, the flexibility of the chain allows it to be used in any situation. The feed is introduced into circuit via a hopper, material can be delivered at any point using different kinds of flow device (drop tubes, dispensers etc)



CHAIN

- Hardened Steel with nylon discs

DRIVE UNIT

- Hardwearing & compact
- Can be positioned any point in circuit
- Supplied with auto tensioning pulley & safety switch
- Stainless Steel available

DROP TUBES & BENDS

- Plastic casing & metal shutter
- Manual, Rope Pull, Electric or Pneumatic
- Optional covers
- 30° Bends with bolt or slide on couplers

HOPPERS

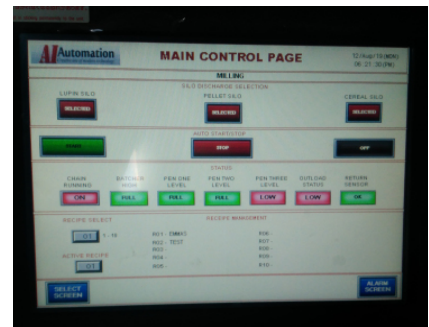
- Galv or Stainless Steel
- Versions with extraction auger & motorised drive
- With agitator & flow regulation
- 1, 2, 3 way Hoppers

CORNERS

- 45°, 90°, 180° avail for vertical & horizontal circuits
- Nylon or Aluminium casing with cast iron wheels

CONTROLS

- R2R , DOL or Mechanical Control Box
- Full Auto PLC & Weigh systems available.



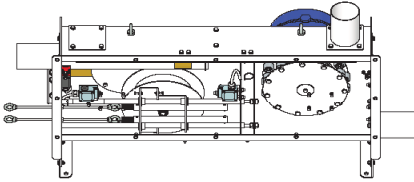
CONVEY

Chain System 102 mm



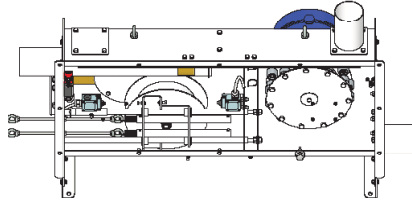
DRIVE UNIT

Drive Unit, 2.25 kw motor, SST (no Belt)



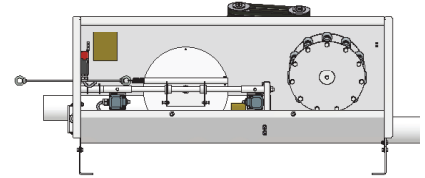
Part #: RI1022068-D
2.25 kw motor, SST, Direct drive, Vertical In, Right Outlet (pictured)
Part # RI1022068-S - Left Out

Drive Unit, 3 kw motor, SST (no Belt)



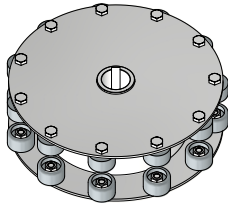
Part #: RI1022230-D
3 kw motor, SST, Direct drive, Vertical In, Right Out (pictured)
Part #: RI102230-S - Left Out

Drive Unit, 3 kw motor, SST, (Belt)



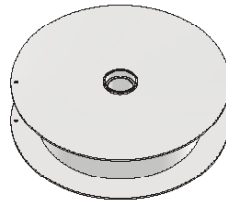
Part #: FI1021808-D
3 kw motor, SST, Belt drive, Right Outlet
Part # FI1021808-S, Left Outlet

Drive Wheel



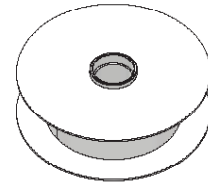
Part #: F1026319
Drive Wheel, SST to suit Belt & Direct Drive Units

Tensioning Pulley (Belt)



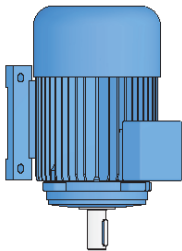
Part #: F1025185
Drive Tensioning Pulley, SST to suit FI102808 Drive

Tensioning Pulley (Direct)



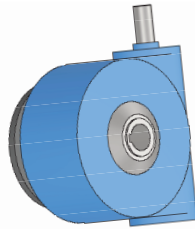
Part #: FI1027141
Drive Tensioning Pulley, SST
ø 29 x 8.6cm. Suit Direct Drives

Motor, 3kw (Belt)



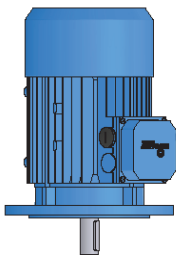
Part #: F003263
102mm 3kw, 4 pole, B3, 415v Belt Drive Motor

Gear Reducer (Belt)



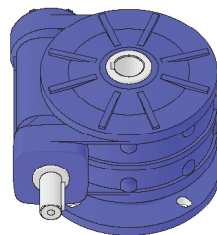
Item Number: F3130-S
102mm Gear Reducer, Left
Ratio i:28, suits Belt Drive

Motor, 3kw (Direct)



Part #: F007137
102mm 2.25kw, 4 pole, B5, 415v Direct Drive Motor

Gear Reducer (Direct)



Item Number: FI003063-S
102mm Gear Reducer, Left
Ratio i:28, suits RI Drive

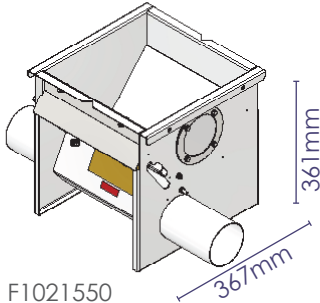
CONVEY

Chain System 102 mm



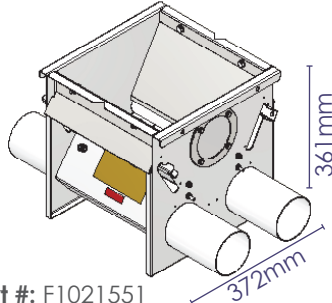
HOPPER

1 Way Hopper



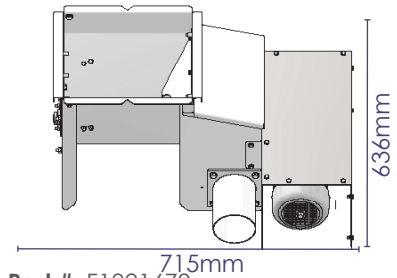
Part #: F1021550
1 Way Hopper (SST) 35cm
Height: 361mm

2 Way Hopper



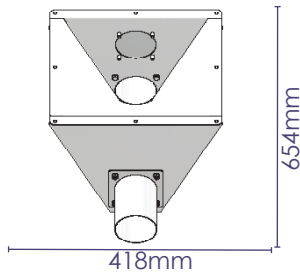
Part #: F1021551
2 Way Hopper (SST)
Height: 361mm

Motorised Hopper



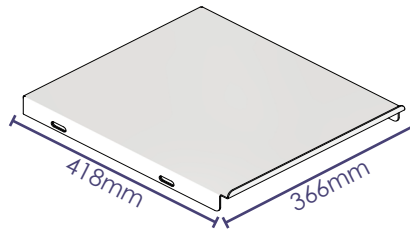
Part #: F1021679
102mm Motorised Hopper (SST)
Height: 407mm

1 Way Hopper, no hammer



Part #: F1022365
1 Way Hopper (SST), without slide
or hammer. 35cm
Height: 379mm

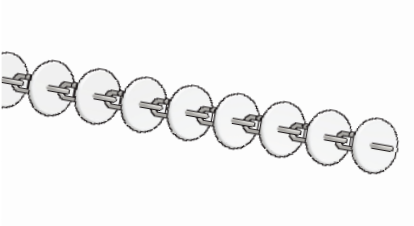
Silo Adaptor with Slide



Part #: F50050
Silo Adaptor with SST Slide
(no cut out!)
Height: 47mm

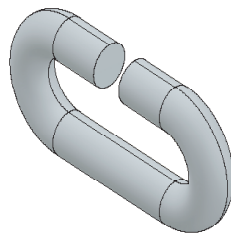
CHAIN

102mm Chain Conveyor



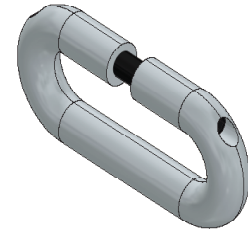
Part #: F1021608B4
102mm Chain Conveyor - Disc
ø76mm, Spacing 80mm
Part #: F1021609, SST

Chain Joiners (open)



Part #: F1021293-9
Open Chain Joiners for 102mm
Chain (Bag of 5)

Chain Joiners (closed)



Part #: F1022115
Closed Chain Joiners for 102mm
Chain (Bag of 5)

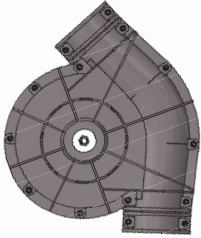
CONVEY

Chain System 102 mm



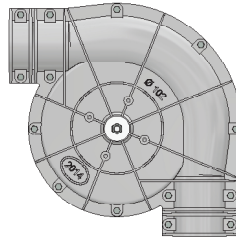
CORNERS

45° Corner (IB)



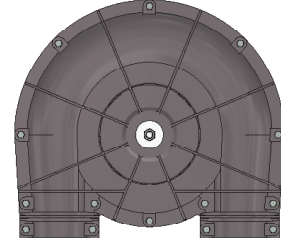
Part #: F1021175
45° Corner , (internal bearing)

90° Corner (IB)



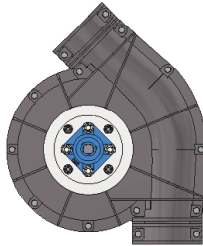
Part #: F1021173
90° Corner, (internal bearing)

180° Corner (IB)



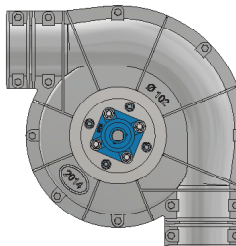
Part #: F1021177
180° Corner, (internal bearing)

45° Corner (OB)



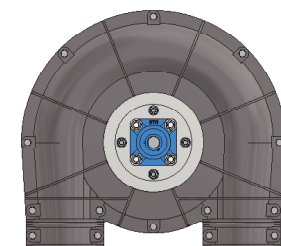
Part #: F1022072
45° Corner (Outer Bearing)

90° Corner (OB)



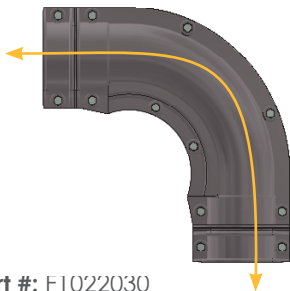
Part #: F1022065
90° Corner (Outer Bearing)

180° Corner (OB)



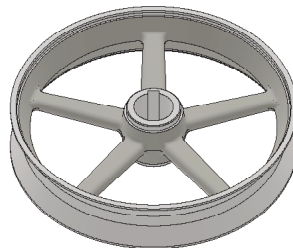
Part #: F1022073
180° Corner (Outer Bearing)

90° Bend



Part #: F1022030
102mm 90° Alum bend with SST insert

Corner Pulley Wheel (OB)



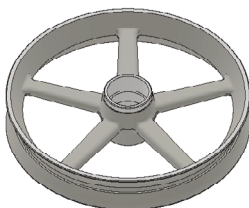
Part #: F1027109
Pulley Wheel for OB Corner.
(keyway)

Axle (OB Pulley)



Part #: F1027101 - Axle

Corner Pulley Wheel (IB)



Part #: F1024287-19
Pulley Wheel for IB Corner

Axle & Bearing (IB Pulley)



Part #: F11025206 Axle
Part #: F003517 Bearing

SST Axle & Bearing (IB Pulley)



Part #: F11027368- SST Axle
Part #: F008335- SST Bearing

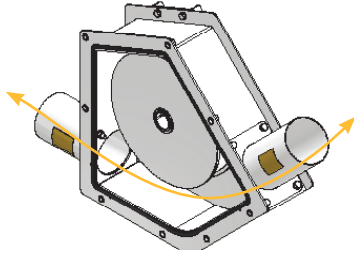
CONVEY

Chain System 102 mm



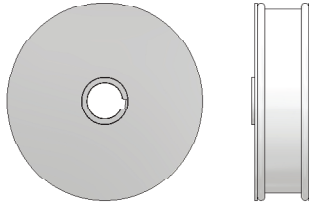
CORNERS (cont.d)

45° Corner SST



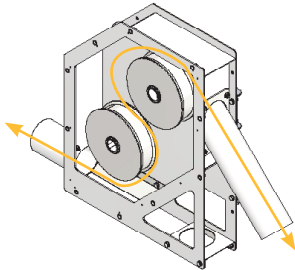
Part #: R11022117
45° Corner with Outer Bearing, SST

Pulley Wheel (VR Down)



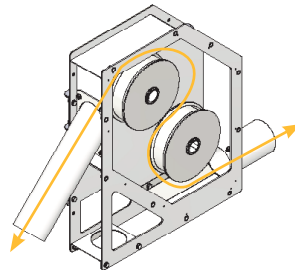
Part #: F11027187
Pulley Wheel to suit R11022117
ø30 x 6.5cm. Keyway

45° Corner SST, Incline Up



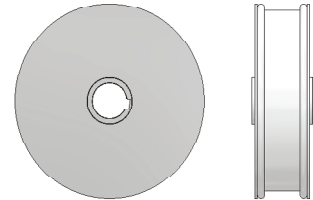
Part #: R11022098135-S (pictured)
45° Corner Left Out, Self Cleaning
Incline UP With 2 Pulleys SST.
Left Out Avail

45° Corner SST, Incline Up



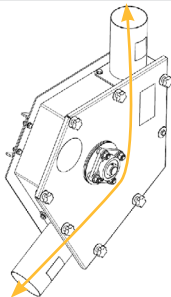
Part #: R11022098135-D (pictured)
45° Corner Left Out, Self Cleaning
Incline UP With 2 Pulleys SST.
Right Out Avail

Pulley Wheel (VR up)



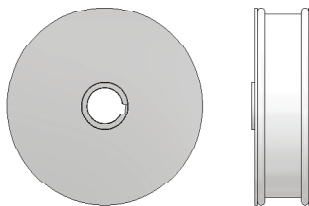
Part #: F11027189
Pulley Wheel to suit R11022098135
ø22.2 x 7.2cm. Keyway

60° Corner SST



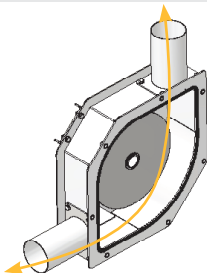
Part #: R11022519
60° Corner with Outer Bearing, SST

Pulley Wheel (VR Down)



Part #: F11027187
Pulley Wheel to suit R11022519
ø30 x 6.5cm. Keyway

90° Corner SST



Part #: R11022089
90° Corner with Outer Bearing.

Pulley Wheel (VR Down)



Part #: F11027187
Pulley Wheel to suit R11022089
ø30 x 6.5cm. Keyway

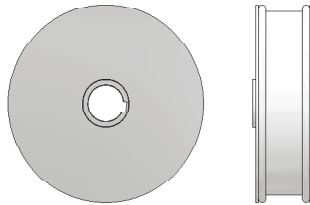
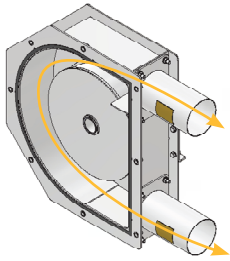
CONVEY

Chain System 102 mm



CORNERS (cont.d)

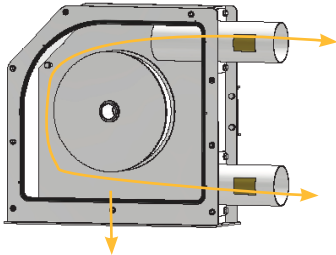
▼ Pulley Wheel (VR Down)



180° Corner with Outer Bearing, SST,

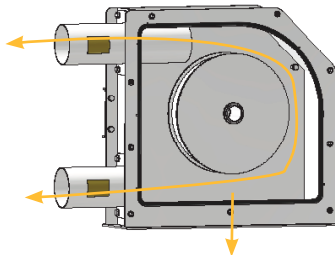
Part #: FI1027187
Pulley Wheel to suit FI1022113
ø30 x 6.5cm. Keyway

▼ 180° Corner SST Base Out



Part #: RI1022185-D
180° Corner with base discharge,
SST (Outer Bearing).

▼ 180° Corner SST Base Out



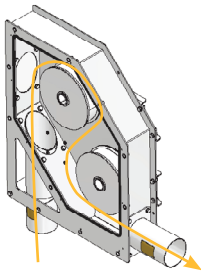
180° Corner with base discharge,
SST (Outer Bearing).

▼ Pulley Wheel (VR Down)



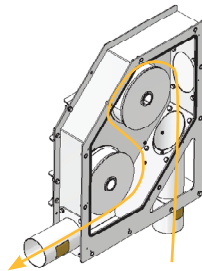
Part #: FI1027187
Pulley Wheel to suit RI1022185
ø30 x 6.5cm. Keyway

▼ 90° Corner SST, Vertical Up



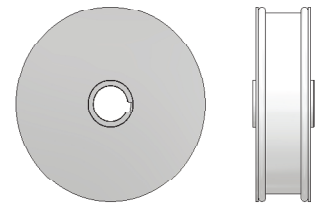
Part #: RI1022098-S (pictured)
90° Corner Right Out, Self Cleaning
Vertical up with 2 Pulleys, SST
Part #: RI1022098-S - Left Out

▼ 90° Corner SST, Vertical Up



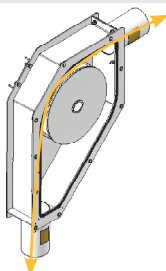
90° Corner Right Out, Self Cleaning
Vertical up with 2 Pulleys, SST
Part #: RI1022098-D - Right Out

▼ Pulley Wheel (VR up)



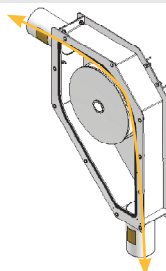
Part #: FI1027189
Pulley Wheel to suit RI1022098
ø22.2 x 7.2cm. Keyway

▼ 90° Corner SST, Vertical Down



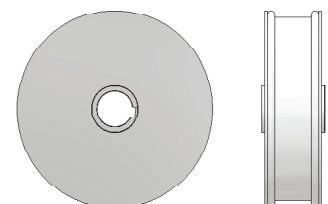
Part #: RI1022095-S (pictured)
90° Corner Right In, Vertical Return
Down, SST
Part #: RI1022095-S - Left in

▼ 90° Corner SST, Vertical Down



Part #: RI1022095-D (pictured)
90° Corner Right In, Vertical Return
Down, SST
Part #: RI1022095-D - Right in

▼ Pulley Wheel (VR Down)



Part #: FI1027187
Pulley Wheel to suit RI1022095
ø30 x 6.5cm. Keyway

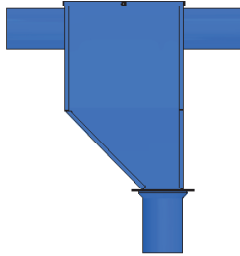
CONVEY

Chain System 102 mm



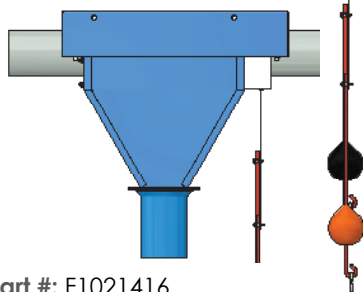
DROPS AND DISPENSER

Drop, All out



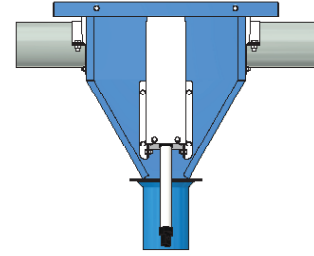
Part #: F1021191
102mm Discharge Segment with Pipe
Part #: F1021493, SST

Drop Tube, Manual Shutter

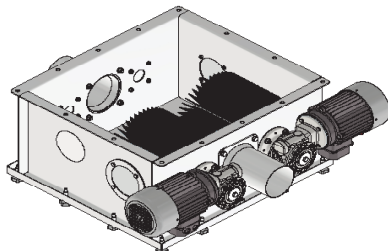


Part #: F1021416
102mm Drop Tube, Manual Shutter
Part #: F1021457 - SST

Drop Tube, Pneumatic Shutter

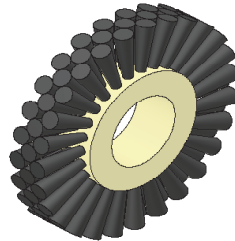


Part #: F1022131UDE
102mm Drop Tube, Pneumatic Shutter
Part #: F1022128UDE - SST



Part #: F1022510
Motorised Brush box, single line.
Part #: F008762 - Brush

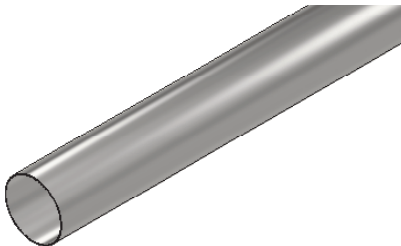
102mm Chain Brush



Part #: F008403
102mm Chain Conveyor Brush

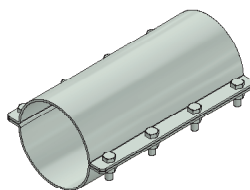
PIPE

Feed Pipe



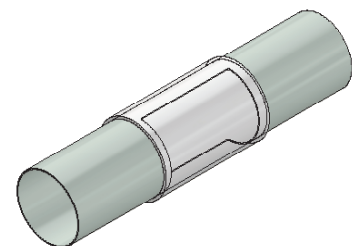
Part #: F1021161
102mm Feed Pipe
Part #: F1021162, SST

Coupler For Feed Pipe



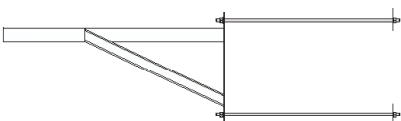
Part #: F1021375
102mm Coupler For Feed Pipe
Part #: F1021158, SST

Control Segment



Part #: F1021184
102mm Control Segment
Part #: F1021185, SST

Drive Wall Bracket



Part #: F001391
60cm in length
F001392 - 100cm in length

Bend Pipe



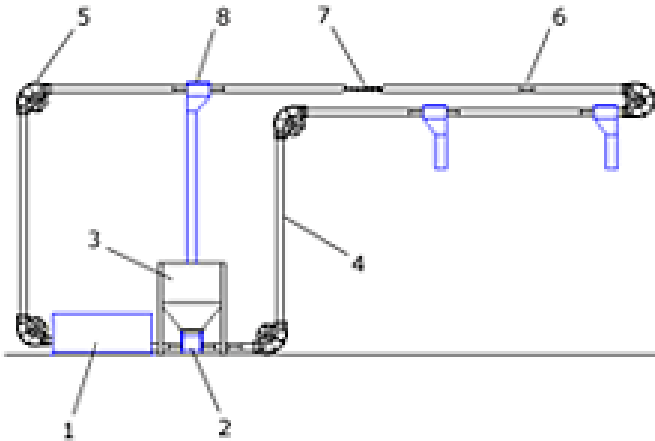
Part #: F11028361
102mm 90° Bend Pipe

CONVEY

Chain System 114 mm



FALCON chain conveyors (114mm) are unique for their versatility. They can carry out very tortuous vertical and horizontal circuits up to a length of 300 meters with high capacity and extremely reduced power from 1.5kw to 3kw.



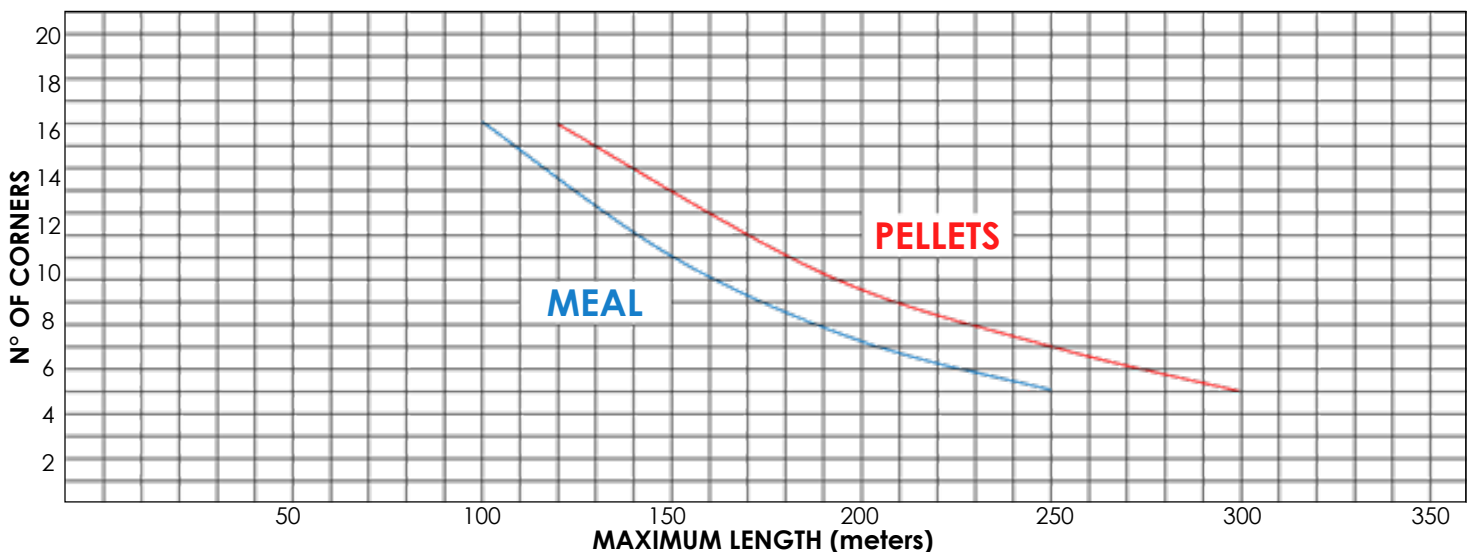
N°	Description
1	Drive Unit
2	Hopper
3	Collection Container
4	Feeding Pipe
5	Corner
6	Coupler for pipe
7	Chain conveyor
8	Drop Outlet & Tube

The chain (7) is pulled through the circuit by a drive unit (1). The feed is introduced into the system by means of a hopper (2) with a vibrating wall that helps keep the material flowing. The direction of the pipe line (4) can be easily changed by the 90°(5), 135° and 360° corners.

Feeding pipes are connected by the couplers with screws (6). The material can be discharged from the circuit at any desired location by manual or automatic drop tubes (8).

Model	Pipe Ø	Max Length	Power	Capacity	Applications
	mm	m	kw	m ³ /h	
AN102/11	102	300	1.5-3	6-8	Meals/Pellets

114 Chain System Corner/Distance



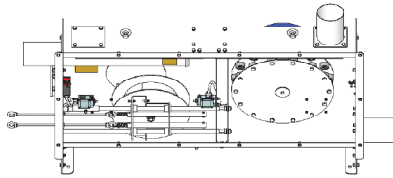
CONVEY

Chain System 114 mm



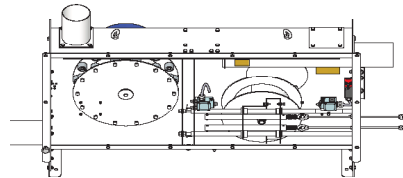
DRIVE UNIT

Drive Unit, 2 kw motor, SST



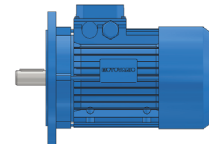
Part #: FI1142210-D
2.25 kw motor, SST, Direct drive,
Horizontal Mounting, Right Outlet
Part # FI1142210-S - Left Outlet

Drive Unit, 2 kw motor, SST



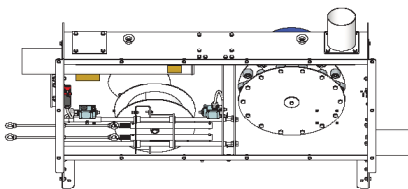
Part #: FI1142210-S
2.25 kw motor, SST, Direct drive,
Horizontal Mounting, Left Outlet
Part # FI1142210-S - Left Outlet

Motor, 2kw (Direct)



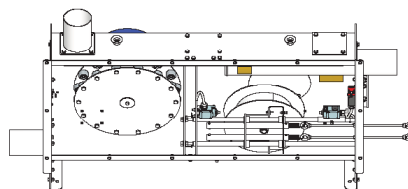
Part #: 007136
2.25kw, 4 Pole, 415v B3/B5 Motor

Drive Unit, 3 kw motor, SST



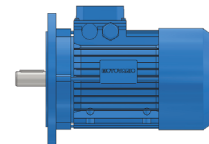
Part #: RI1142211-D
3 kw motor, SST, Direct drive, Horizontal
Mounting, Right Outlet
Part #: RI1142211-S - Left

Drive Unit, 3 kw motor, SST



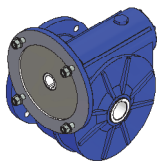
Part #: RI1142211-S
3 kw motor, SST, Direct drive, Horizontal
Mounting, Left Outlet
Part #: RI1142211-S - Left

Motor, 3kw (Direct)



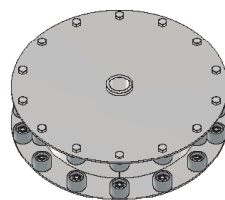
Part #: F007137
3kw Direct Drive Electric Motor 4P
B3 415v

Gear Reducer



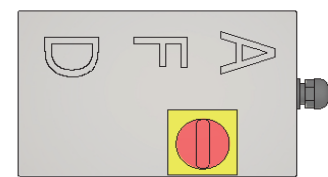
Part #: F003063 S&D
Gear reducer for 102mm Direct
Drive i:28, (For Drive units)

Drive Wheel



Part #: 1147772
114mm Chain - Drive Wheel (SST)

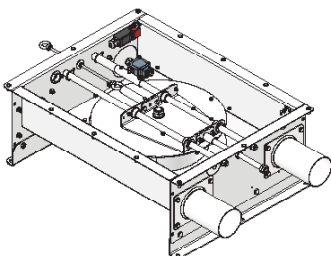
Ready to Run Controller



Ready to Run Controller.

* Single or 3 Phase
* 1 DOL, 2 DOL options.
* 1.5 kw or 3kw capacity
Can run aux unit like hopper.
Part #: 1.5AFMultiBox (1.5kw)
Part #: 3AFMultiBox (3kw)

Tensioning Pulley Unit



Part #: F1142709
Tensioning Pulley Unit for 114mm
System - SST

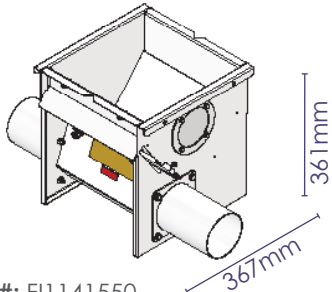
CONVEY

Chain System 114 mm



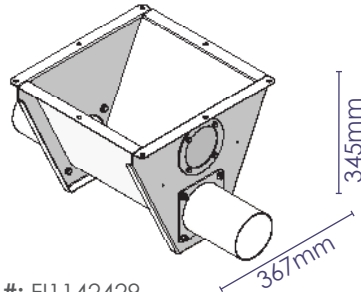
HOPPER

One Way Hopper



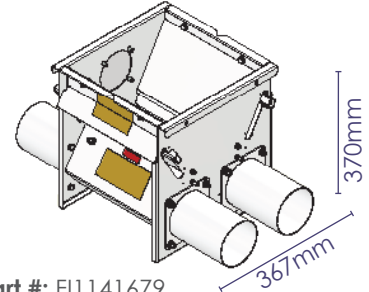
Part #: FI1141550
114mm Chain - One Way Hopper (SST)

One Way Hopper - No Reg



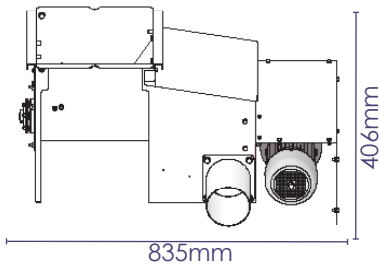
Part #: FI1142429
114mm One Way SST Hopper, Without Regulations

Motorised Hopper



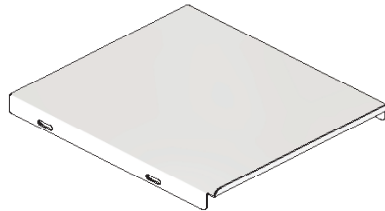
Part #: FI1141679
114mm Chain - Two way Hopper (SST)

Motorised Hopper



Part #: FI1141679
114mm Chain - Motorised Hopper (SST)

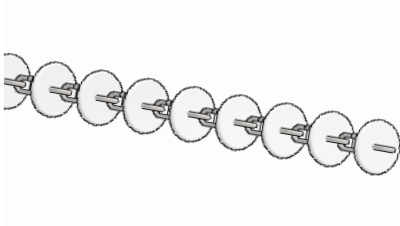
Silo Adaptor with Slide



Part #: F50050
Silo Adaptor with SST Slide (no cut out)
Height: 47mm

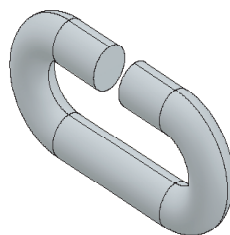
CHAIN

114mm Chain Conveyor



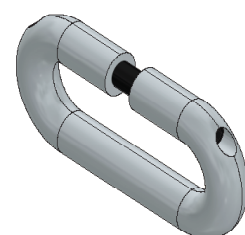
Part #: FI1142200B4
102mm Chain Conveyor - Disc
ø90mm, Spacing 90mm
Part #: FI1142356- SST

Chain Joiners (open)



Open Chain Joiners for 114mm Chain (Bag of 5)

Chain Joiners (closed)



Part #: FI1142115
Closed Chain Joiners for 114mm Chain (Bag of 5)

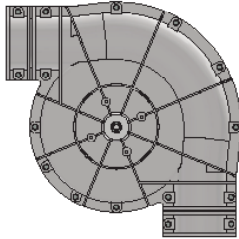
CONVEY

Chain System 114 mm



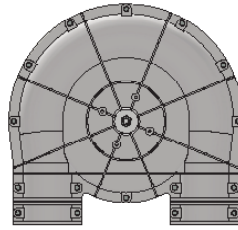
CORNERS

90° Corner (IB)



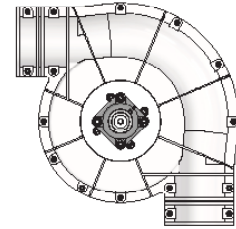
Part #: FI1141173
90° Corner

180° Corner (IB)



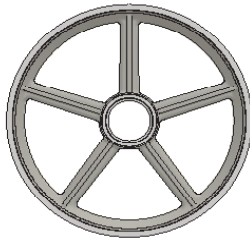
Part #: FI1141177
180° Corner

90° Corner (OB)



Part #: FI1142065
90° Corner (Outer Bearing)
Part #: FI1142308 - SST

Pulley Corner Wheel-Alum



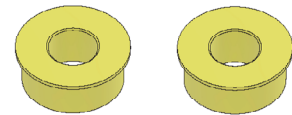
Part #: FI1147738
114mm Corner Pulley Wheel for
Aluminium corners

Axle Pulley Corner Wheel



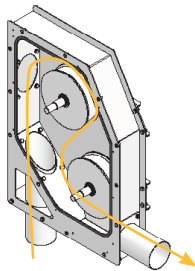
Part #: F603852
Axle for 114mm Pulley Corner
Wheel . Alum corner

Pulley Corner Wheel Bush



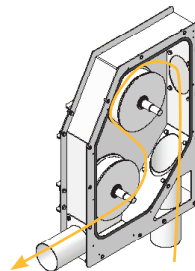
Part #: F603844
114mm Pulley Corner Wheel Nylon
Bush (Comes in bag of 10)

90° Corner SST Vertical Up



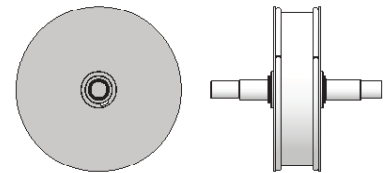
Part #: FI1142312-D (pictured)
90° Corner Self Cleaning Vertical
with 2 Pulleys, Right Out

90° Corner SST Vertical Up



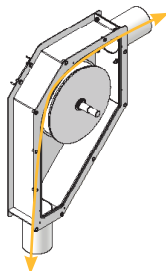
Part #: FI1142312-S (pictured)
90° Corner Self Cleaning Vertical
with 2 Pulleys, Left Out

Pulley Wheel & Axle (VR Up)



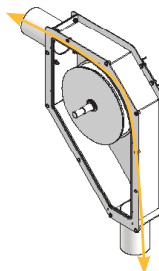
Part #: 1148167 Pulley Wheel with
1148373 Axle
Pulley Wheel & Axle to suit FI1142312

90° Corner SST Vertical Down



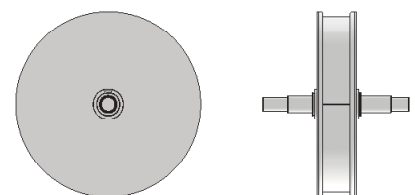
Part #: FI1142310-D
90° Corner for Vertical Return,
Right Out
Part #: FI1142310-D - Right

90° Corner SST Vertical Down



Part #: FI1142310-S
90° Corner for Vertical Return,
Right Out
Part #: FI1142310-S - Left

Pulley Wheel & Axle (VR Down)

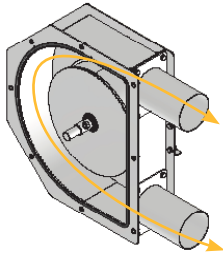


Part #: 1148166 Pulley Wheel with
1148373 Axle
Pulley Wheel & Axle to suit FI1142310



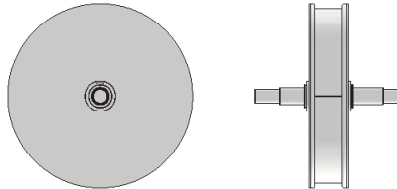
CORNERS (Continued)

180° Corner (OB)



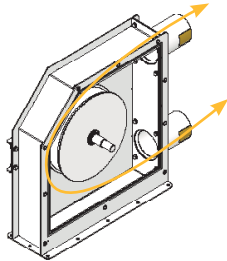
Part #: FI1142314
180° Corner (Outer Bearing)

Pulley Wheel & Axle (VR Down)



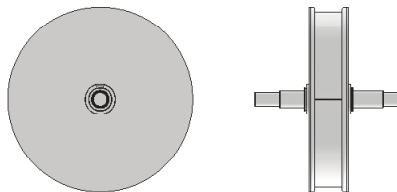
Part #: 1148166 Pulley Wheel with
1148373 Axle
Pulley Wheel & Axle to suit
FI1142661CB

180° Corner SST Base Out



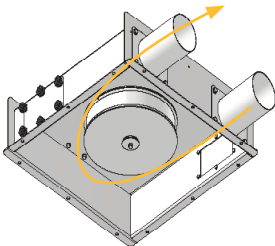
Part #: RI1142430-S
180° Corner with base discharge,
SST, Left Out

Pulley Wheel & Axle (VR Down)



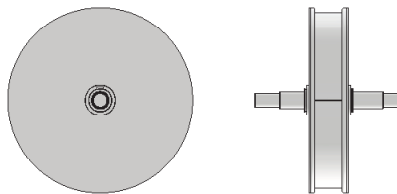
Part #: 1148166 Pulley Wheel with
1148373 Axle
Pulley Wheel & Axle to suit
RI1142430-S

180° Corner SST



Part #: FI1142661CB
180° Horizontal Discharge Corner

Pulley Wheel & Axle (VR Down)



Part #: 1148166 Pulley Wheel with
1148373 Axle
Pulley Wheel & Axle to suit
FI1142661CB

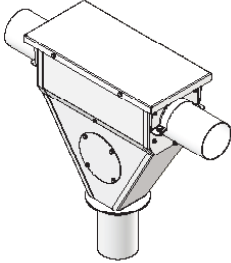
CONVEY

Chain System 114 mm



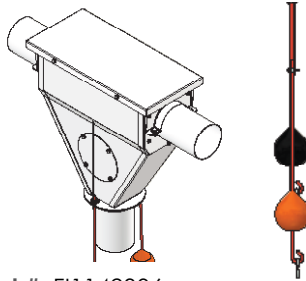
DROPS AND DISPENSER

Drop, All out



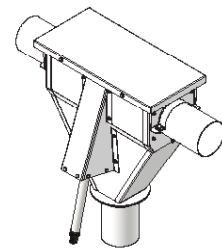
Part #: FI1142315
Discharge Segment with 102mm Pipe Outlet, no shutter, SST

Drop Tube, Manual Shutter



Part #: FI1142306
Drop Tube, Manual Shutter, SST

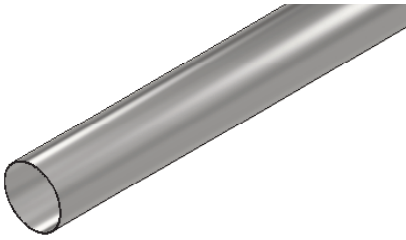
Drop Tube, Pneumatic Shutter



Part #: FI1142297
Drop Tube, Pneumatic Shutter, SST

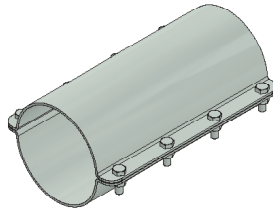
PIPE

Feed Pipe



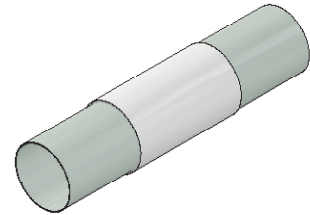
Part #: FI1141161
114mm Feed Pipe
Part #: FI1141162, SST

Coupler For Feed Pipe



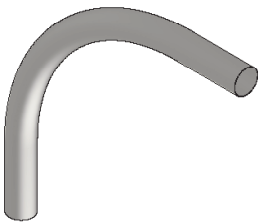
Part #: FI1141375
114mm Coupler For Feed Pipe
Part #: FI1141158, SST

Control Segment



Part #: FI1141184
114mm Control Segment
Part #: FI1141185C, SST

90° Bend Pipe



Part #: FI1148361
114mm bend

CONVEY

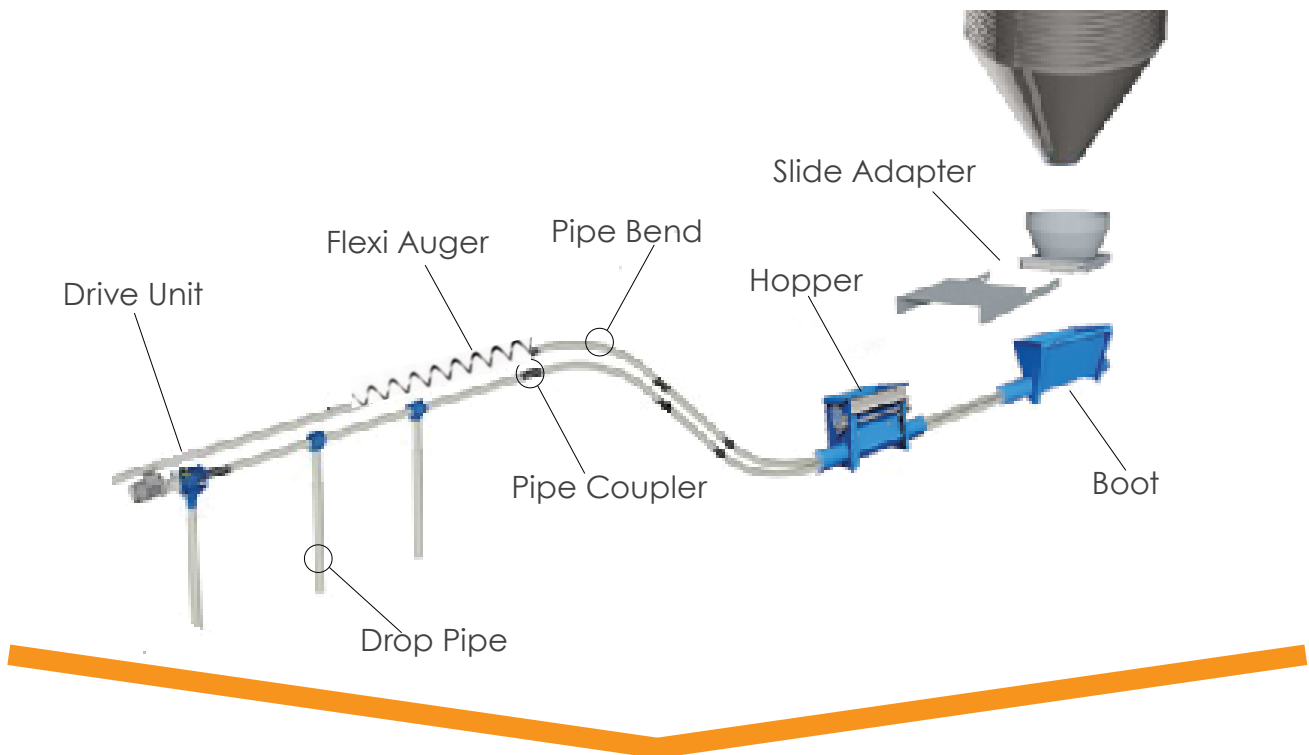
FLEXI AUGERS



SYSTEM SIZE	PIPE SIZE (mm)	AUGER SIZE	MAX LENGTH up to (mtr)	POWER (KW)	CAPACITY * (KG/HR)
50mm (1.44")	50	1.44"	110	0.37 - 0.75	300
60mm (2.25")	50	1.52"	90	0.56 - 0.75	450
75mm (3")	65	1.52" ** / 2.38"	70	0.75 - 1.1	1360
90mm (3.5")	80	2.38" ** / 2.71"	50	0.75 - 1.1	2500
125mm (5")	115	3.74"	45	1.1 - 1.5	3500

* Approx Capacity is based 640 kg/m³ feed density (whole grain) and 358 rpm drive unit. The figures are approximate and can vary on the basis of the material transported and the kind of journey.
 ** High Density Feed

AFSystems Flexi Augers are simple and reliable to use and due to the availability of numerous models allows a greater choice in any situation.



FLEXI AUGER

- ▶ Heat treated Carbon Steel
- ▶ 1.44" / 1.52" / 2.38" / 2.71" / 3.74" Avail.
- ▶ Stainless Steel Options.

DRIVE UNIT

- ▶ Single or Three Phase
- ▶ Constant Speed Delivery with Direct Transmission
- ▶ Easy access to drive assembly & motor

DROPS

- ▶ Plastic casing & metal shutter
- ▶ Manual, Rope Pull, Electric or Pnuematic

PIPES

- ▶ Optional covers
- ▶ 30° Bends with bolt or slide on couplers

BOOTS & ADAPTERS

- ▶ Galv or Stainless Steel
- ▶ Motorised models available
- ▶ Large batch bins
- ▶ 1 & 2 way Hoppers
- ▶ Single, Twin or Triple in Horizontal & 30° Outlets
- ▶ Complete with access door & slide
- Auger Shaft & Bearing kit inc

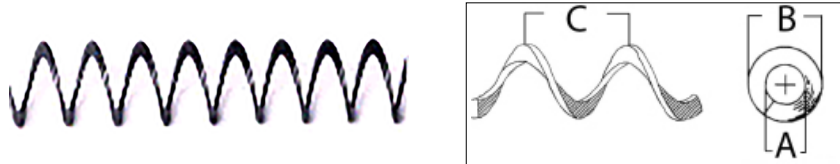
CONVEY

Flexi Auger System 60mm (2.25")



FLEXI AUGER (to suit 50mm Pipe)

- * Used to convey dry ground feed and crumble type mash - maximum moisture content 18%.
- * Maximum particle size $\varnothing 3\text{mm} \times 12\text{mm}$ long.
- * System is not recommended for large pellets or shelled corn.

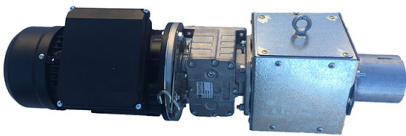


Size	Part	ID (A)	OD (B)	Pitch (C)
1.44" Flexi Auger	P710440	30mm	42mm	45 mm
1.52" Flexi Auger	P720440	22.6 mm	38.6 mm	32 mm

FEED DELIVERY - Approximate feed delivery rate is 450kg per hour based on 630kg /m³ feed density and a 358 rpm drive unit.

DRIVE HEADS

Drive Head



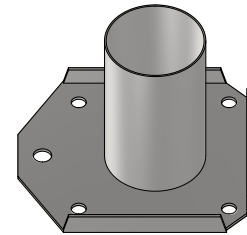
Part #: PA720104
Single Phase 0.75kw Direct Drive, 4:1, no controller, used with 1.52" Auger.
Part #: PA720104-3PH - 3 Phase

1.52" Flighting Driver



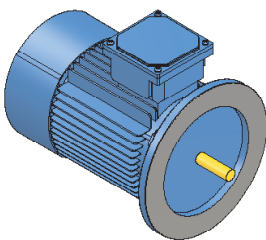
Part #: PS720210
1.52" Flighting Driver, 20mm Bore (to suit ACMG210 - 4:1 Gearbox) ($\varnothing 35\text{mm} \times 165\text{mm}$)

Port Tube



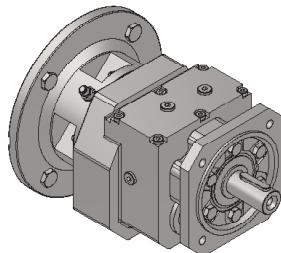
Part #: PS720034
60mm Port Tube

Motor, 0.75kw



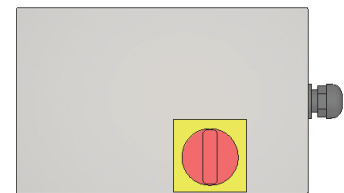
Part #: ACMGDD75-1
0.75kw Motor, 1420 RPM, Direct Drive Mount, B5 Flange, Single Phase (240v)
Part #: ACMGDD75-3 - 3 Phase

4:1 Gearbox



Part #: ACMG210
4:1 Gearbox, 19mm Shaft. Motor coupling #VG5-019

Ready to Run Controller



Ready to Run Controller.
* Single or 3 Phase
* 1 DOL, 2 DOL options.
* 1.5 kw or 3kw capacity
Can run aux unit like hopper.
Part #: 1.5AFMultiBox
Part #: 3AFMultiBox

CONVEY

Flexi Auger System 60mm (2.25")



BOOTS & ADAPTERS

Auger Boot Shaft & Bearing



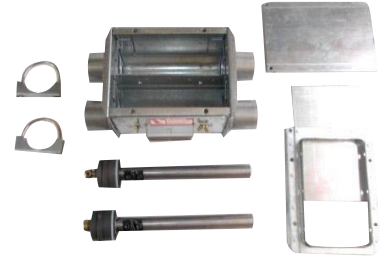
Part #: PS720870
60mm Auger Boot Shaft & Bearing Kit

Single Boot Complete Assembly



Part #: PA720028
Single Boot Complete Assembly inc Auger Shaft & Bearing, Boot & Slide

Twin Boot Complete Assembly



Part #: PA720055
Twin Boot Complete Assembly inc Auger Shaft & Bearing, Boot & Slide

60mm Single Basic Boot



Part #: P720839
60mm Single Boot Assembly.
Part #: P500471 - Single Slide Cover

60mm Twin Basic Boot



Part #: P720849
60mm Twin Boot Assembly.
Part #: P500371- Twin Slide Cover

Bearing for Auger Boot Shaft



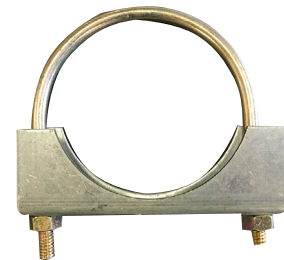
Part #: PS720825
60mm Bearing for Auger Boot Shaft

Old Style Bearing (5/8")



Part #: PS720490
Old Style Bearing (5/8")

60mm Pipe Clamp



Part #: PS713196
60mm Pipe Clamp

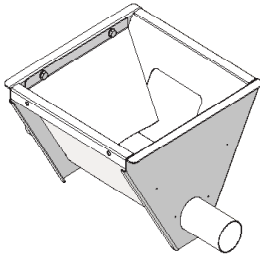
CONVEY

Flexi Auger System 60mm (2.25")



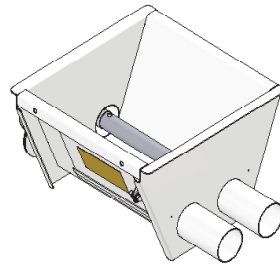
SST Options for Connecting to Container Bin

Single Boot



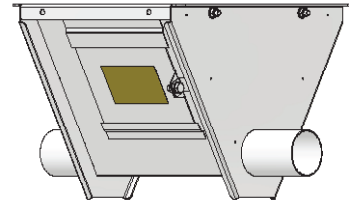
Part #: F631639
60mm Single Hopper (SST)

Twin Boot



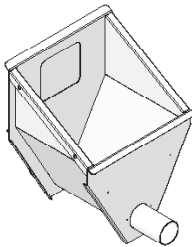
Part #: F631657
60mm Twin Hopper (SST)

Single Pass through Boot, SST



Part #: F6316421
60mm Single Pass through Hopper

Single 30° Boot (SST)



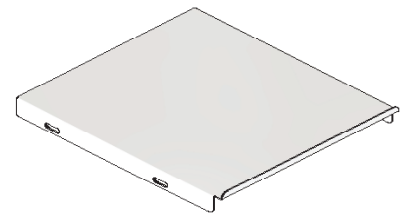
Part #: F631640
60mm Single 30° Hopper (SST)

Twin 30° Boot (SST)



Part #: F631658
60mm Twin 30° Hopper (SST)

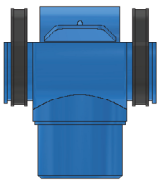
Silo Adapter



Item Number: F50050
Silo Adaptor with SST Slide
(no cut out!)

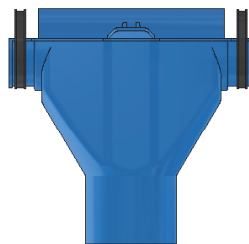
DROPS

Small Drop



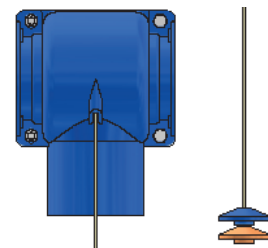
Part #: F601407
Small Drop with manual Shutter -
Small (Outlet 46mm OD)

Medium Drop



Part #: F601246
Medium Drop with manual Shutter -
Large (Outlet 76mm OD)

Outdoor Drop



Part #: F601249
Drop with Manual Shutter
(Outlet 64 mm ID) Suitable for
outdoors

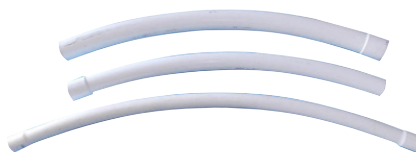
PIPES & BENDS

50mm PVC Pipe Class 12



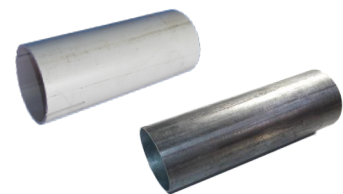
Part #: PA720434
50mm PVC Pipe Class 12
(ID 55mm/ OD 60mm) 6 mtr length

50mm PVC 30° Bend



Part #: PA720499
50mm PVC 30° Bend
(fits 60mm OD Pipe)

Pipe Joiners



Part #: PS720435 - PVC Joiner
Part #: F601159 - Galv Joiner
(ID 60mm)

CONVEY

Flexi Auger System 75mm (3")



FLEXI AUGER (to suit 65mm Pipe)

- * Used to convey dry ground feed and crumble type mash - maximum moisture content 18%.
- * Maximum particle size \varnothing 3mm x 12mm long.
- * System is not recommended for large pellets or shelled corn.



Size	Part	ID (A)	OD (B)	Pitch (C)
2.38" Flexi Auger * SST Option	P730440	36.5 mm	60.45 mm	41.4 mm

FEED DELIVERY - Approximate feed delivery rate is 1360kg per hour based on 630kg /m³ feed density and a 358 rpm drive unit.

DRIVE HEADS

Drive Heads



Part #: PA730104
Single Phase, 0.75kw Direct Drive,
4:1, no controller, used with
2.38" Auger.
Part #: PA730104-3PH - 3 Phase option

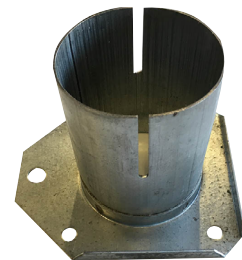
* Alternative 1.1kw Motor
(ACMGDD1.1-1/ ACMGDD1.1-3)

2.38" Flighting Driver



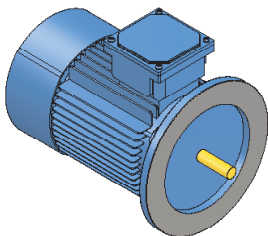
Part #: PS730210
2.38" Flighting Driver, 20mm Bore to
suit ACMG210 Gearbox
(35mm x 100mm)

75mm Port Tube



Part #: PS730034
75mm Port Tube

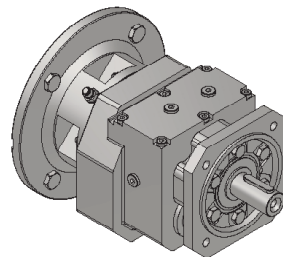
0.75kw Motor



Part #: ACMGDD75-1
0.75kw Motor, 1420 RPM,
Direct Drive Mount, B5 Flange,
Single Phase (240v)

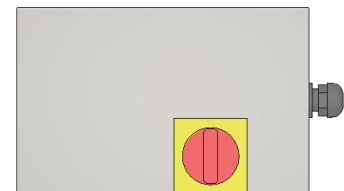
Part #: ACMGDD75-3 - 3 Phase Part

4:1 Gearbox, (up to 1.1kw)



Part #: ACMG210
4:1 Gearbox, (up to 1.1kw)
19mm Shaft.
Part #: VG5-019 &
VG5-24 - Motor coupling

Ready to Run Controller



Ready to Run Controller.
* Single or 3 Phase
* 1 DOL, 2 DOL options.
* 1.5 kw or 3kw capacity
Can run aux unit like hopper.
Part #: 1.5AFMultiBox
Part #: 3AFMultiBox

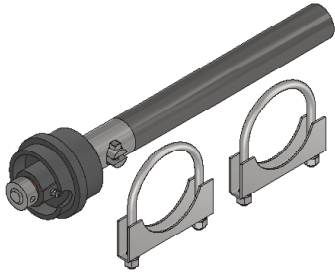
CONVEY

Flexi Auger System 75mm (3")



BOOTS & ADAPTERS

Auger Boot Shaft & Bearing



Part #: PS730870
75mm Auger Boot Shaft & Bearing Kit

Auger Boot Shaft & Bearing



Part #: PS730030-O
75mm Auger Boot Shaft & Bearing (Old Style)

Single Boot Complete Assembly



Part #: PA730028
75mm Single Boot Complete Assembly inc Auger Shaft & Bearing, Boot & Slide

Single Basic Boot



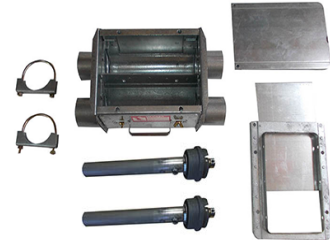
Part #: P730839
75mm Single Basic Boot Assembly.
Part #: P500471 - Boot Slide Cover

Twin Basic Boot



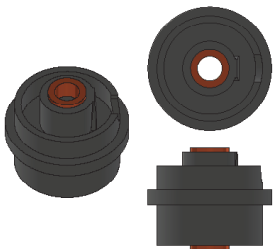
Part #: P730849
75mm Twin Basic Boot Assembly.
Part #: P500371 - Twin Boot slide Cover

Twin Boot Complete Assembly



Part #: PA730055
75mm Twin Boot Complete Assembly inc Auger Shaft & Bearing, Boot & Slide

Bearing for Auger Boot Shaft



Part #: PS730825
75mm Bearing for Auger Boot Shaft

5/8" Bearing Alum



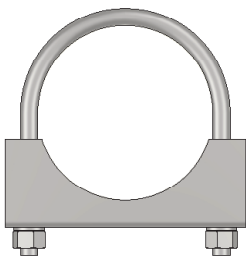
Part #: PS720490
5/8" Bearing Alum (Old Style)

75mm Bearing Cap



Part #: PS723027
75mm Bearing Cap (Old Style)

75mm Pipe Clamp



Part #: PS713197
75mm Pipe Clamp

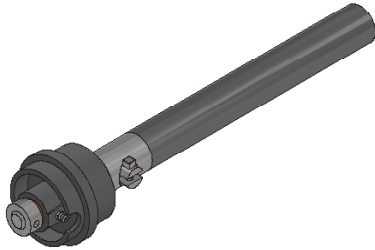
CONVEY

Flexi Auger System 75mm (3")



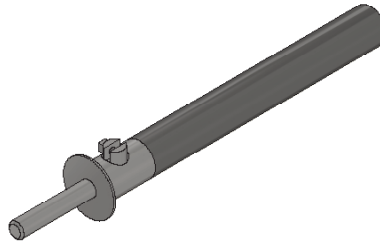
Option for High Density Products (Using 1.52" Flex in 65mm pipe)

60mm Boot Shaft & Bearing



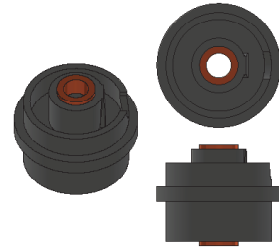
Part #: PS730066 HD
60mm Boot Shaft & Bearing Kit for use with 1.52" Auger.

1.52" Flighting Driver, 20mm Bore



Part #: PS720210
1.52" Flighting Driver, 20mm Bore (to suit ACMG210 - 4:1 Gearbox) (ø35mm x 165mm)

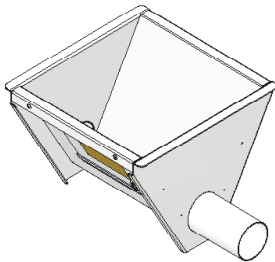
Bearing for Auger Boot Shaft



Part #: PS730825
75mm Bearing for Auger Boot Shaft

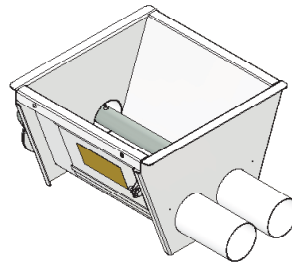
SST Options for Connecting to Container Bin

Single Boot (SST)



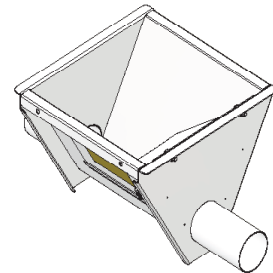
Part #: F751639
75mm Single Hopper inc shaft & bearing, SST

Twin Boot (SST)



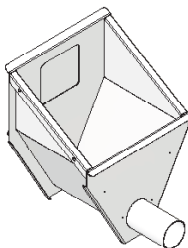
Part #: F751657
75mm Twin Hopper inc shaft & bearing, SST

Single Pass through Boot, SST



Part #: F751642
75mm Single Pass through Hopper, SST

Single 30° Boot (SST)



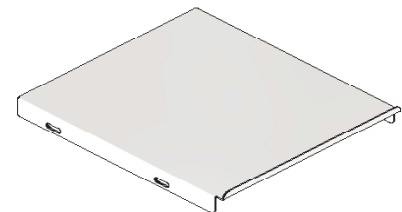
Part #: F751640
75mm Single 30° Hopper inc shaft & bearing, SST

Twin 30° Boot (SST)



Part #: F751658
75mm Twin 30° Hopper inc shaft & bearing, SST

Silo Adapter



Item Number: F50050
Silo Adaptor with SST Slide (no cut out!)

CONVEY

Flexi Auger System 75mm (3")



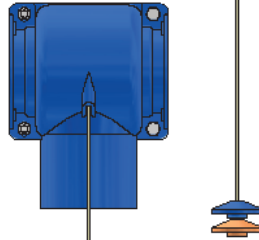
DROPS

All out Drop with Manual Shutter



Part #: P730550
All out Drop with Manual Shutter
(Outlet 70mm OD)

Outdoor Drop



Part #: F751249
Drop with Manual Shutter
(Outlet 78mm OD)) Suitable for
outdoors

PIPE & BENDS

65mm PVC Pipe Class 12



Part #: PA730434
65mm PVC Pipe Class 12
(75mm OD) 6 mtr length

65mm PVC 30° Bend



Part #: P730499
65mm PVC 30° Bend
(fits 75mm OD Pipe)

75mm PVC Pipe Joiner



Part #: PA730435
75mm PVC Pipe Joiner



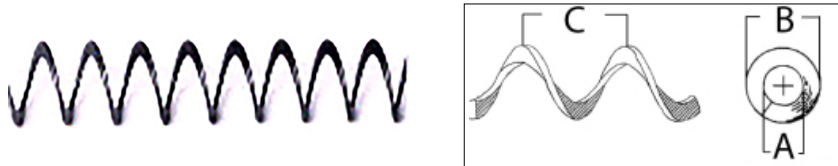
CONVEY

Flexi Auger System 90mm (3.5")



FLEXI AUGER (to suit 80mm Pipe)

- * Used to convey dry ground feed and crumble type mash - maximum moisture content 18%.
- * Maximum particle size \varnothing 4.5mm x 12mm long.
- * System is not recommended for large pellets or shelled corn.

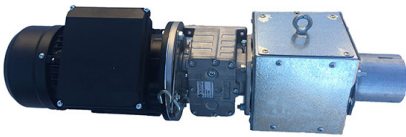


Size	Part	ID (A)	OD (B)	Pitch (C)
2.71" Flex Auger * SST option	P735440	44 mm	68.8 mm	58.6 mm

FEED DELIVERY - Approximate feed delivery rate is 2500kg per hour based on 630kg /m3 feed density and a 358 rpm drive unit.

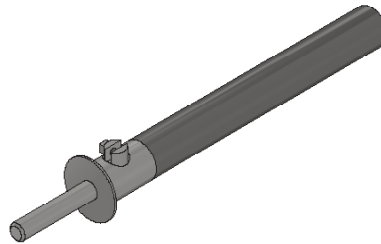
DRIVE HEADS

1.5kw Drive Head



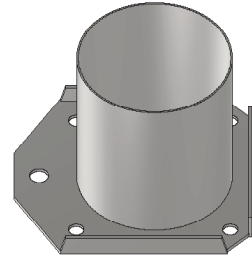
Part #: PA735115
Single Phase 1.5kw Direct Drive, 5:1, no controller, used with 2.71" Auger
Part #: PA735115-3PH - 3 Phase

2.71" Flighting Driver



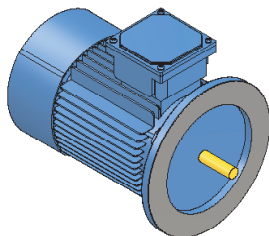
Part #: PS735220
2.71" Flighting Driver 25mm Bore to suit ACMG220 - 5:1 Gearbox
 \varnothing 45mm x 110mm

Port Tube



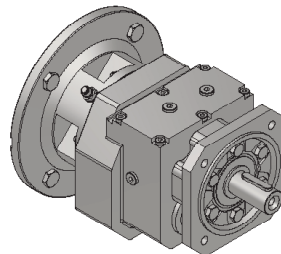
Part #: PS735035
90mm Port Tube

1.5kw Motor



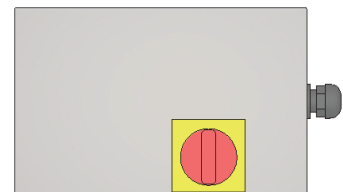
Part #: ACMGDD1.5-1
1.5kw Motor, 1420 RPM, direct drive Single Phase
Part #: ACMGDD1.5-3 - 3 Phase

5: 1 Gearbox (up to 1.5kw)



Part #: ACMG220
5: 1 Gearbox (up to 1.5kw) 24mm shaft.
Motor coupling VG6-24

Ready to Run Controller



Ready to Run Controller.
* Single or 3 Phase
* 1 DOL, 2 DOL options.
* 1.5 kw or 3kw capacity
Can run aux unit like hopper.
Part #: 1.5AFMultiBox
Part #: 3AFMultiBox

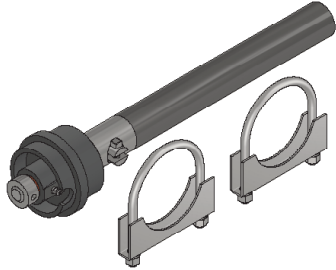
CONVEY

Flexi Auger System 90mm (3.5")



BOOTS & ADAPTERS

Auger Boot Shaft & Bearing



Part #: PS735870
90mm Auger Boot Shaft & Bearing Kit

Auger Boot Shaft & Bearing



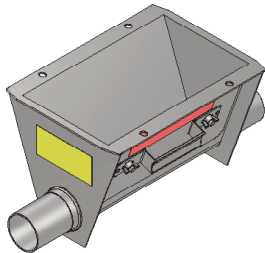
Part #: PS735030-O
90mm Auger Boot Shaft & Bearing (Old Style)

Single Boot Complete Assembly



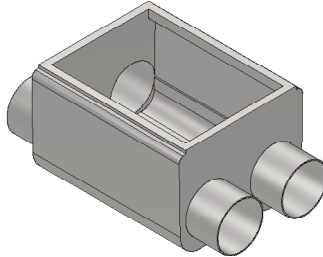
Part #: PA735028
90mm Single Boot Complete Assembly inc Auger Shaft & Bearing, Boot & Slide

Single Basic Boot



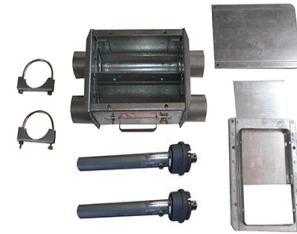
Part #: P735839
90mm Single Basic Boot Assembly.
Part #: #P500471 - Slide Boot Cover

Twin Basic Boot



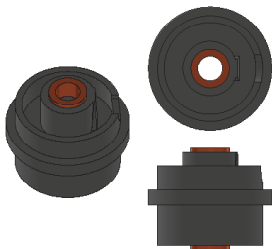
Part #: P735849
90mm Twin Basic Boot Assembly.
Part #: P500471 Twin Slide Boot Cover

Twin Boot Complete Assembly



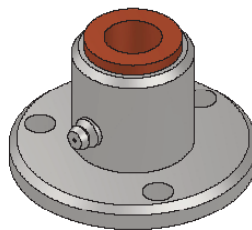
Part #: PA735055
90mm Twin Boot Complete Assembly inc Auger Shaft & Bearing, Boot & Slide

Bearing for Auger Boot Shaft



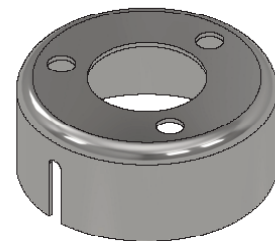
Part #: PS735825
90mm Bearing for Auger Boot Shaft

5/8" Bearing Alum



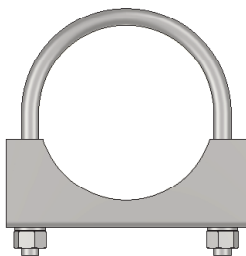
Part #: PS720490
5/8" Bearing Alum (Old Style)

90mm Bearing Cap



Part #: PS724027
90mm Bearing Cap (Old Style)

90mm Pipe Clamp



Part #: PS724401
90mm Pipe Clamp

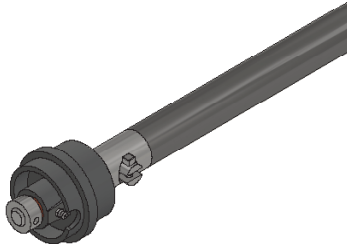
CONVEY

Flexi Auger System 90mm (3.5")



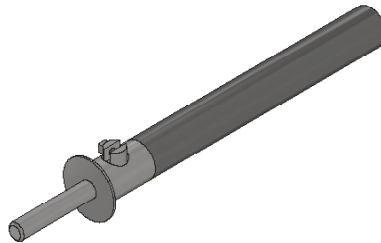
Option for High Density Products (Using 2.38" Flex in 80mm pipe)

▼ Boot shaft & Bearing



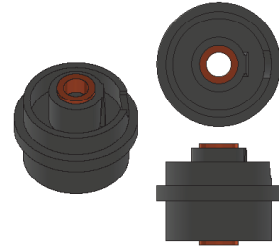
70mm bearing with 2.38 shaft

▼ 2.38" Flighting Driver



suit ACMG210 - 4:1 Gearbox
(35mm x 100mm)

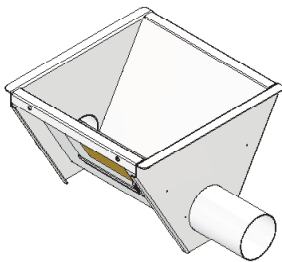
▼ Bearing for HD Auger Boot Shaft



Part #: PS735825
70mm Bearing for Auger Boot Shaft

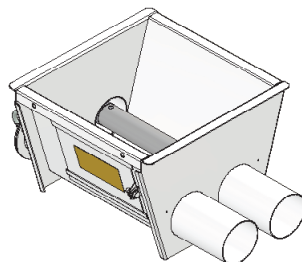
SST Options for Connecting to Container Bin

▼ Single Boot SST



Part #: F9011639
90mm Single Hopper (SST)

▼ Twin Boot SST



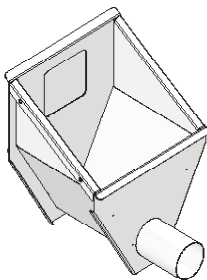
Part #: F901657
90mm Twin Hopper (SST)

▼ Single Pass through Boot, SST



Part #: F901642
90mm Single Pass through Hopper

▼ Single 30° Boot SST



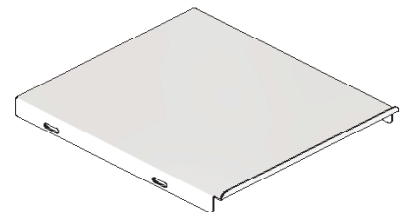
Part #: F901640
90mm Single 30° Hopper (SST)

▼ Twin 30° Boot SST



Part #: F901658
90mm Twin 30° Hopper (SST)

▼ Silo Adapter SST



Item Number: F50050
Silo Adaptor with SST Slide
(no cut out!)

CONVEY

Flexi Auger System 90mm (3.5")



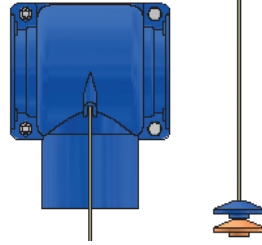
DROPS

All out Drop with Manual Shutter



Part #: P735550
All out Drop with Manual Shutter
(Outlet 77mm ID, 83mm OD)

Outdoor Drop, Manual Shutter



Part #: F901249
Drop with Manual Shutter
(Outlet 80mm ID) Suitable for out-
doors

PIPE & BENDS

80mm PVC Pipe Class 12



Part #: PA735434
80mm PVC Pipe Class 12
(90mm OD) 6 mtr length

80mm PVC 30° Bend



Part #: P735499
80mm PVC 30° Bend
(fits 90mm OD Pipe)

Pipe Joiner



Part #: PA735435
90mm Pipe Joiner PVC

CONVEY

Flexi Auger System 125mm (5")



FLEXI AUGER (to suit 125mm Pipe)

Size	Part	ID (A)	OD (B)	Pitch (C)
5" (125mm) *SST avail	F1251368	67 mm	95 mm	60 mm

FEED DELIVERY - Approximate feed delivery rate is 3500kg per hour based on 630kg /m3 feed density and a 358 rpm drive unit..

DRIVE HEADS

Drive Heads



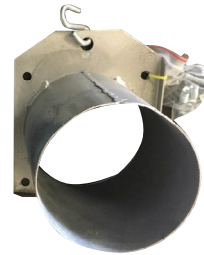
Part #: FA1251656
Direct Drivehead, 1.5kw Motor, 5:1 Gearbox, 125mm Flighting Driver
Part #: FA1251656-3PH - 3 Phase

125mm Flighting Driver



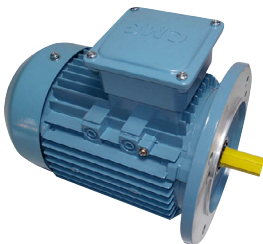
Part #: FA125067
125mm Flighting Driver (25mm Bore)

125mm Drive Head Port



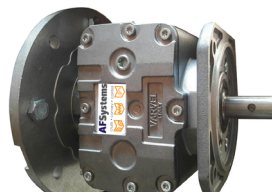
Part #: FA1251600-AU
125mm Drive Head Port Tube

1.5kw Motor



Part #: ACMGDD1.5-1
1.5kw Motor, 1420 RPM, direct drive Single Phase
Part #: ACMGDD1.5-3 - 3 Phase

5: 1 Gearbox (up to 1.5kw)



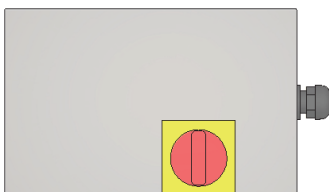
Part #: ACMG220
5: 1 Gearbox (up to 1.5kw) 24mm shaft.
Motor coupling VG6-24

Discharge Head with Port & Funnel



Part #: F1251656H
125mm Drive Head Housing discharge with Port & Feed Outlet

Ready to Run Controller



Ready to Run Controller.
* Single or 3 Phase
* 1 DOL, 2 DOL options.
* 1.5 kw or 3kw capacity
Can run aux unit like hopper.
Part #: 1.5AFMultiBox
Part #: 3AFMultiBox

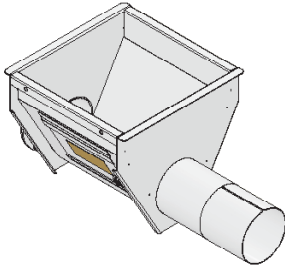
CONVEY

Flexi Auger System 125mm (5")



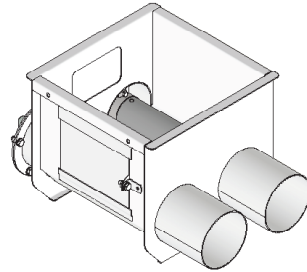
BOOTS & ADAPTERS

Single Hopper, SST



Part #: F1251639
125mm Single Hopper inc shaft & bearing, SST

Twin Hopper, SST



Part #: F1251657
125mm Twin Hopper inc shaft & bearing, SST

Single Pass through Hopper, SST



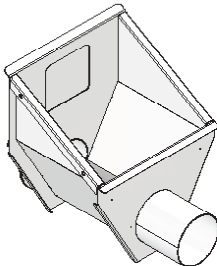
Part #: F1251641
125mm Single Pass through Hopper

Twin Pass through Hopper, SST



Part #: F1251659
125mm Twin Pass through Hopper

Single 30° Hopper, SST



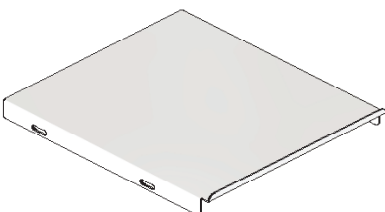
Part #: F1251640
125mm Single 30° Hopper inc shaft & bearing, SST

Twin 30° Hopper, SST



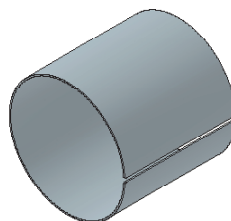
Part #: F1251658
125mm Twin 30° Hopper inc shaft & bearing, SST

Silo Adapter



Item Number: F50050
Silo Adaptor with SST Slide
(no cut out!)

Port Expander



Part #: F1256719
Port expander

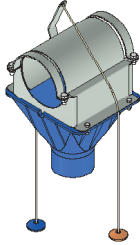
CONVEY

Flexi Auger System 125mm (5")



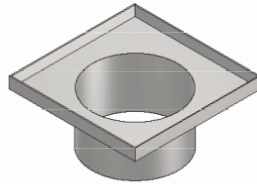
DROPS

Drop with Manual Shutter



Part #: F1251371
125mm Drop with Manual Shutter
(outlet 80)

Feed Outlet



Part #: F125640
125mm Feed Outlet

PIPES & BENDS

125mm Feed Pipe (Polly)



Part #: F1251363P
125mm Flexi Feed Pipe (Polly)

125mm Feed Pipe PVC (Pn12 Blue)



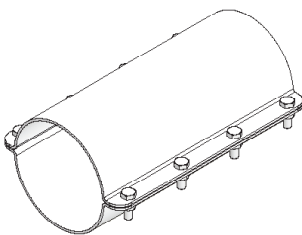
Part #: F1251364
125mm Flexi Feed Pipe PVC
(Pn12 Blue) 6 mtr length

125mm 30° Bend (PVC)



Part #: F1251366
125mm Flexi - 30° Bend (PVC)

Pipe Coupler with Screws



Part #: F1251158
125mm Feed pipe coupler with
screws

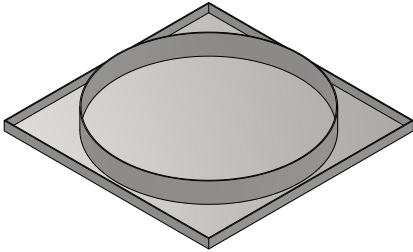
CONVEY

Flexi Auger Spare Parts All Sizes



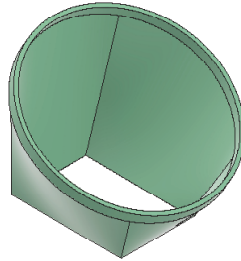
SILO CONNECTIONS

16" Silo Adapter (Round)



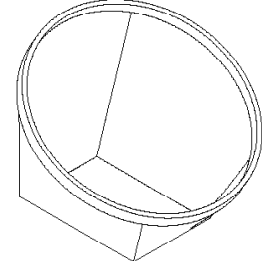
Part #: PA50050
16" Silo Adapter (Round)

30° Green Plastic Boot Transition.



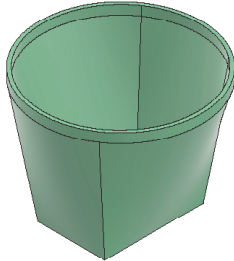
Part #: P500475
30° Green Plastic Boot Transition.
(Requires PA50050)

30° Clear Plastic Boot Transition



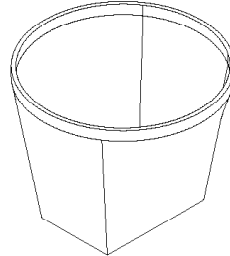
Part #: P500575-C
30° Clear Plastic Boot Transition.
(Requires PA50050)

Straight Plastic Boot Transition (Green)



Part #: P500485
Straight Plastic Boot Transition
(Green) (Requires PA50050)

Straight Plastic Boot Transition (Clear)



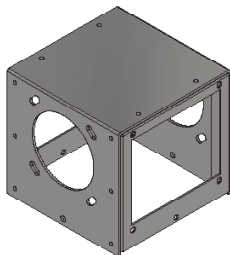
Part #: P500585-C
Straight Plastic Boot Transition
(Clear) (Requires PA50050)

Silo Adapter with Slide



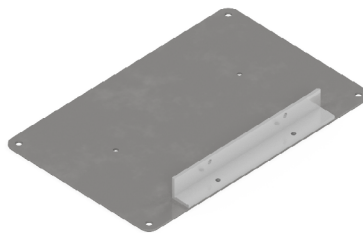
Item Number: F50050
Silo Adaptor with SST Slide
(no cut out!)

Drive Head Housing



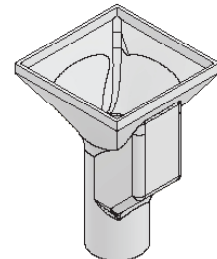
Part #: PS730001
Drive Head Housing for 60 - 90mm
Part #: PS730002
Drivehead housing for 125mm

Control Box Support Bracket



Part #: AFCBracket
Drive Head Support Bracket for AFS
Control box

Drive Head Funnel



Part #: PS730640
Drive Head Funnel

2.38" Flighting Driver



Part #: PS730220
2.38" Flighting Driver, 25mm Bore to
suit ACMG220 Gearbox
(35mm x 100mm)

2.71" Flighting Driver



Part #: PS735210
2.71" Flighting Driver 20mm Bore to
suit ACMG210 - 4:1 Gearbox
ø45mm x 110mm

Roll Pin for Flighting Driver



Part #: PS730027
50mm Roll pin

CONVEY

Flexi Auger Spare Parts All Sizes



SPARE PARTS (All Sizes)

Boot Access Door



Part #: PS704303
Boot Access Door

Drive Head Access Door



Part #: PS730039
Drive Head Access Door

Drive Head Access Door with DOL Input



Part #: PS730039-DC
Drive Head Access Door with DOL input

Flighting Anchor



Part #: PS720412
2.25" Flighting Anchor

Flighting Anchor



Part #: PS730412
2.38" & 2.71" Flighting Anchor

Snap Action Switch



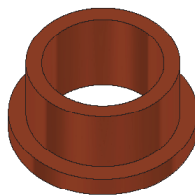
Part #: PS723405
Snap Action Switch

5/8 Locking Collar



Part #: PS713414
5/8 Locking Collar

Bronze Bush



Part #: PS713411
Bronze Bush. Require 2 per Bearing (Bag of 4)

Motor Shaft Coupling 19mm



Part #: VG5-019
For 0.75kw, 19mm motor Shaft to suit ACMG210 (4:1, i:4) gear box

Motor Shaft Coupling 24mm



Part #: VG5-024
For 1.1kw, 24mm motor Shaft to suit ACMG210 (4:1, i:4) gear box

Motor Shaft Coupling 19mm



Part #: VG6-019
For 0.75kw, 19mm motor Shaft to suit ACMG210 (5:1, i:5) gear box

Motor Shaft Coupling 24mm



Part #: VG6-024
For 1.1kw, mm motor Shaft to suit ACMG210 (5:1, i:5) gear box



CONTROL

CONTROL

Control - Dol Sensors



DOL 25/26



DOL 26 is a capacitive sensor for detecting of loose and solid materials, ideal for inclusion in small applications with limited space.

DOL 26 is immune to EMI, short-circuiting and overloading, i.e. the risk of burnt-out sensors due to installation errors is non-existent. The sensor has low power consumption in standby mode – and therefore several sensors can work in parallel on the same contactor. This renders control of cross auger installations possible.

DOL 26 is available with different output options: 2-wire SCR for contactors and relays. 4-wire PNP/NPN for PLC's.

- Hardened design for agricultural and industrial applications.
- Small form factor for confined spaces.
- SCR, PNP and NPN output options available.
- Smooth and threaded housings available

Some Options: **Part #:** SK105112: 10-36 v DC, PNP, Threaded
Part #: SK105120: 10-36 v DC, PNP, Smooth
Part #: SK105117: 20-280 v AC, SCR, Threaded
Part #: SK105132: 20-280 v AC, SCR, Smooth

DOL 41+43+45



The **DOL 40R** series comprises three models namely the **DOL 41R**, **DOL 43R** and the **DOL 45R** all with different functionalities. **DOL 40R** series of capacitive sensors provides great functionality and is easy to operate.

- The sensitivity and the delay length are adjusted by two switches.
- LEDs indicate when the switches are activated. Naturally, all settings can easily be changed again later on

DOL 41R has no time delay. In addition to the two options mentioned.

Some Options: **Part #:** SK100671: 41R, 90-250v AC, Relay, Smooth

DOL 43R has the option of delayed disconnection.

Some Options: **Part #:** SK100661: 43R, 90-250 v AC, NO & NC, Smooth
Part #: SK100662: 43R, 10-36 v AC/DC, NO & NC, Smooth

DOL 45R also has the option of delayed switch-on. The sensitivity of the sensor and delay time are adjusted by two push button switches, and light diodes indicate when the switches are activated.

Some Options: **Part #:** SK100651: 45R, 90-250v AC, NO & NC, Smooth
Part #: SK100652: 45R, 10-30 v AC/DC, NO & NC, Smooth



CONTROL

Control - Dol Sensors



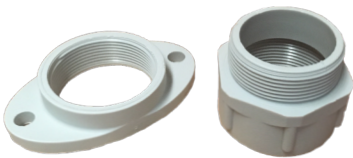
DOL 44



The DOL 44R capacitive relay sensor series is designed for general detection of feed, grain and solids and are sturdy and easy to operate. Two trimmers make it easy to change the settings of two product parameters, depending on the model. A red LED clearly indicates the current status of the relay sensor.

The sensors have relay output including switch function
Some Options: **Part #:** SK100610: 44R,90-265v AC, NO & NC, Smooth

ACCESSORY



Part #: SK140107-PG plastic gland for 30mm sensors
Part #: SK140121-PG plastic gland for 18mm sensors

iDOL 46 - Wireless Interface



The iDOL series, requires NFC (Near Function Control) mobile App activated on approved mobile devices

Android Phones: Android 5.0 or newer Active NFC

Apple Phones: iOS 13.0 or newer iPhone 7/8/X/XS/XR/11/11 Pro.

iDOL 46R ATEX is the future of feed sensors. **iDOL 46R ATEX** features setup and adjustment of parameters and settings through a user friendly app on your smartphone.

ATEX approval makes the **iDOL 46R ATEX** suitable for installations that pose an imminent explosion risk.

- Robust design with a plastic housing, sturdy & easy to operate.
- Matched with the **iDOL SmartAdjust companion app** on your smartphone, the **iDOL 46R ATEX** is both easier to operate and more flexible than any other capacitive feed sensor.

The **iDOL SmartAdjust companion app** allows for more parameters to be available for the user, compared to a traditional sensor. The result is a more flexible sensor, which can be adapted to the individual need of the user.

Established configurations can be saved in the app and used to configure new sensors. Configurations can even be sent around the world helping customers or technicians with setting up sensors.

Some Options: **Part #:** SK100683: iDol, 20-280v AC/DC, NO & NC, Smooth

CONTROL

Control - Dol Sensors



	DOL 25/26	DOL 41+43+45	DOL 44	iDOL 46												
Diameter	18mm	30mm	30mm	30mm												
Voltage																
10-30v- DC Only	*															
90-250v AC Only	*	*	*													
10-30v AC/DC		*														
20-280v AC/DC				*												
Surface																
Thread	*	*	*	*												
Smooth	*	*	*	*												
Output																
No/Nc	*	*	*	*												
Break	*															
Model Type																
PNP	*															
SCR	*															
Relay		*	*	*												
Delay	on/off	0-4hrs	0-1hr	0-10hrs												
Sensitivity	0-12mm	0-15mm	0-15mm	0-20mm												
Max	No	No	No	yes												
Run	0	0	0	0-20 hrs												
Adjustment	screw driver															
Gland	*	*	*													
Heat Detection			*													
Wiring Diagram	<p>Figure 2: Sensor without current</p> <p>Brown Supply Blue Black 1 Black 4 NC Black 3 NO</p> <p>Relay switch 5 (2) A 230 V ~</p> <p>Setting of Special Functions Press A. Retain pressing. Same procedure for B.</p> <table border="1"> <tr> <td>Reset</td> <td>A + B (15 sec.)</td> </tr> <tr> <td>Show delay</td> <td>A + 2xB Red=1 min. Green=1 sec.</td> </tr> <tr> <td>Adjust delay</td> <td>A + 4xB (+10 sec.) A + 5xB (+5 sec.) A + 6xB (+1 h.)</td> </tr> <tr> <td>Switch off delay</td> <td>A + 7xB</td> </tr> <tr> <td>Switch off LED</td> <td>A + 8xB</td> </tr> <tr> <td>Switch on LED</td> <td>A + 9xB</td> </tr> </table>				Reset	A + B (15 sec.)	Show delay	A + 2xB Red=1 min. Green=1 sec.	Adjust delay	A + 4xB (+10 sec.) A + 5xB (+5 sec.) A + 6xB (+1 h.)	Switch off delay	A + 7xB	Switch off LED	A + 8xB	Switch on LED	A + 9xB
Reset	A + B (15 sec.)															
Show delay	A + 2xB Red=1 min. Green=1 sec.															
Adjust delay	A + 4xB (+10 sec.) A + 5xB (+5 sec.) A + 6xB (+1 h.)															
Switch off delay	A + 7xB															
Switch off LED	A + 8xB															
Switch on LED	A + 9xB															

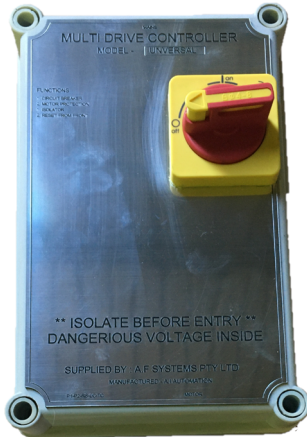
CONTROL

Ready to Run Controller



The Flexi Auger Controllers are able to be controlled by a PLC Master that controls the complete recipe management design.

AF Multi Box



Ready to Run Controller

* For Augers, Chain & Cablevey Drive Units with thermal over-load & safety switch. Up to 3.0 KW

* System designed to run Single or Three Phase Motors.

* Can control a second infeed hopper/bin.

Part #: 1.5AFMultiBox

Part #: 3AFMultiBox

CONTROL

Cable System Controls



CONTROLLER FOR CABLEFEED SYSTEMS

The 1001 Control unit is a simple and easy to use for 38mm, 50mm & 63mm Feed Systems. Manual start & stop can be done with clearly designated buttons and 5 control lamps on the front indicate the operating status.

The Controller has the following built in functions:

- * Rotation Control
- * One completion detector
- * Setting of maximum running time
- * Control Signal for electrical hopper



Selection switch for silo/hopper. (Option)



Power, green
Indicates when power is connected to the control unit.



Drive unit, green
Flashes after start up of the drive unit until the inactive time of the completion detector has expired and until the hopper signal is activated. Lights steadily green during the rest of the filling process.



Completion detector, green
Indicates when the completion detector has stopped the system.



ALARM - Rotation, red
Flashes when the rotation sensor of the drive unit has stopped the system.



ALARM - Maximum time, red
Flashes when the system is stopped due to exceeded maximum filling time.

Part #:D700021-415

415 v Controller (1.8 - 2.8 amps) Three Phase

Part #:D700021-240

240 v Controller (4 - 6.2 amps), Single Phase

Additional Options



Control Module



Part # DE21001
Control module used in 1001 Control unit



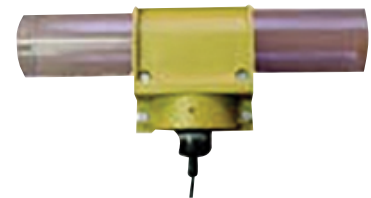
Motor Protector



Part #: E001047
Contact and thermo relay built in a box. Motor Protection 0.6- 0.9 Amps



Completion Detector



Part #: D038223
Sensored stop switch on pipe, PNP Sensor 10-40V DC

CONTROL

Other Parts



OTHER PARTS

24v Auger Control



Part #: D210401
Power supply and control for the electrical 24V hoppers.

Weight Cut Off Switch



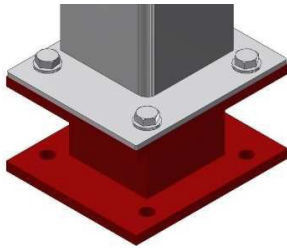
Part #: F1242
Stop switch by spring

Level Indicator



Part #: P720097
High Level Indicator

Load Cells



Part #: T1
Surface mounted scale system with analogue support, weigh cells, cable + panel.

Magnetic Sensor



Part #: F007219
Pneumatic Drop Magnetic Sensor with bracket

CONTROL

PLC System Control



3 MOTOR PLC CONTROLLER

Function - to Run & Control the product Conveyor in conjunction with infeed motorised Valves / Flexible or Rigid Screw Augers & the manage the high & low levels of inlet & outlet positions with Proximity or Mechanical switches

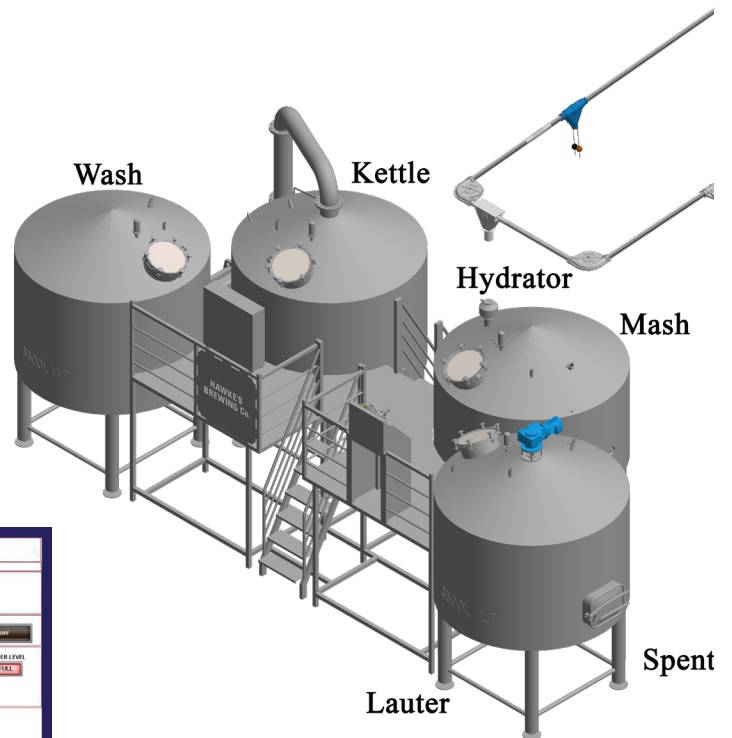


Options for Panel upgrade
IP68 / ATEX Strand Box
Stainless Steel Box
Larger Touch Screen

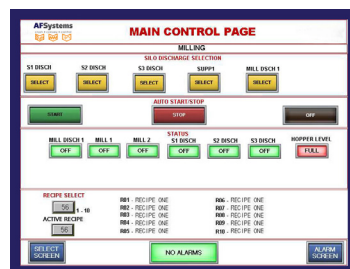


Options for PLC / Wiring Standard
Multiple Panel Board with Isolated Distribution & Low Voltage
Backup UPS PLC Power
External Mechanical reset
Remote Dial in

Come with SST hanging brackets & easily attached to uniStrut support frames or solid walls structures



Solutions by
AFSystems
crush • convey • control



CONTROL

Containers



CONTAINERS



30 Litre Container

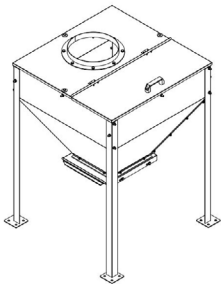
Part #: F001129
30 Litre Container
30cm x 33cm x 31 (h)
Part #: F001118- SST

70 Litre Container

Part #: F006867
70 Litre Container.
55cm x 55cm x 44cm (h)

100 Litre Container

Part #: F001365
100 Litre Container
Part #: F005595 - SST



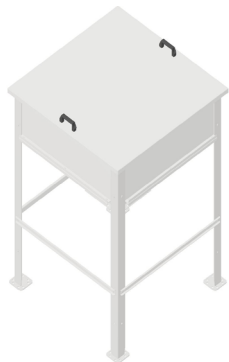
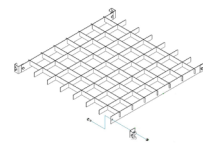
320 Litre Container

Part #: F002683AFS
SST 320 Litre Container with manual shutter and lid with ø30cm inlet.
89cm x 115cm H

Part #: F001756
SST 320 Litre Container.
80cm x 80cm x 100H

Options

Part #: F008444
Small Bag platform for 320 litre container



540 Litre Container

Part #: F002602AFS
540 Litre SST Container with grid bag stand. Fits Square Electric Shutter Slider. GH Attachment
102 (w) x 102 cm (d) x 120cm(h)

Part #: F002203
540 Litre SST Container with split lid and hopper attachment. AH Attachment
102cm (w) x 102 cm (d) x 122cm(h)

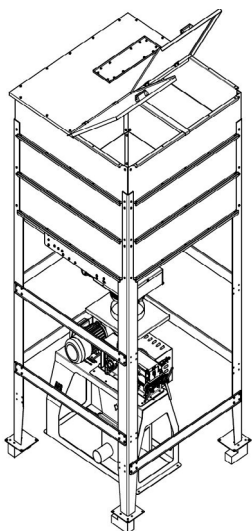
1200 Litre Container

Part #: F002520
1200 Litre Galv Container with split lid. Fits mills ontop.
141 (w) x 141 cm (d) x 146cm (h)

Part #: F002439AFS
1200 Litre SST Container with split lid. Fits mills ontop.
141 (w) x 141 cm (d) x 146cm (h)

Part #: F002667AFS
1200 Litre SST Container with Raised Legs, split lid. Fit Roller Mill under with shutter
252cm (h)

Part #: F00568AFS
1200 Litre Container Food Grade, Painted Blue.
147 (w) x 148 cm (d) x 162cm (h)



2100 Litre Container

Part #: F001421
2100 Litre Container, split lid. Galv
142 cm x 142 cm x 215cm (h)

Part #: F001422
2100 Litre SST Container, split lid.
142 cm x 142 cm x 215cm (h)

2950 Litre Container

Part #: F002562AFS
2950 Litre Container, split lid. SST
156 cm x 156 cm x 289cm (h)

Part #: F002564AFS
2950 Litre Container support frame, to be used if Mill going on top of container.

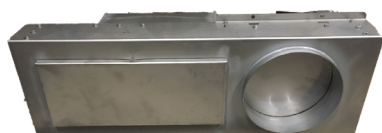
CONTROL

Connections



ELECTRIC SHUTTERS

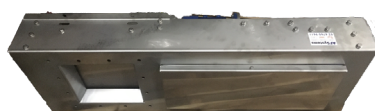
Electric Shutter- Round



Part #: F002420
Electric Shutter for round silo Hopper, SST

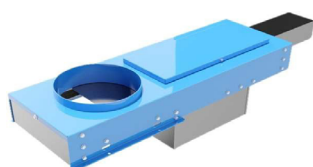
Electric Shutter- Round

Electric Shutter, Square



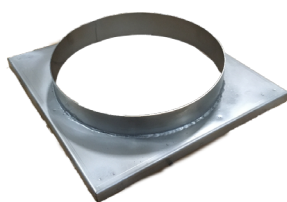
Part #: F002555
Electric Shutter (Square) Silo Hopper, SST

Electric Shutter, Square



Item Number: F002033
Electric shutter round in, square out, painted

Hopper adapter, SST

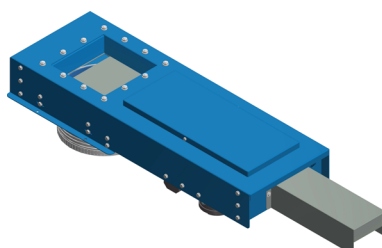


Item Number: F002567
Hopper Adapter, SST

Discharge Segment pipe

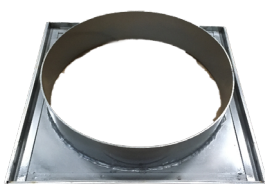


Item Number: F008794
ø300 Flexible Pipe for Discharge Segment. Requires clamp.



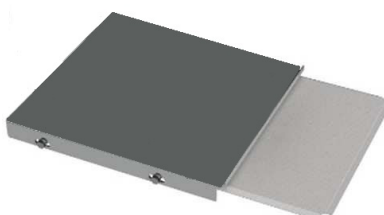
Part #: F002548
Electric Shutter (Square) Silo Hopper, Painted

Electric Shutter discharge



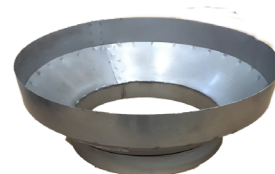
Item Number: F002559
Discharge ø300 for Electric Shutter MO12, SST

Silo Adapter with Slide



Item Number: F50050
Silo Adaptor with SST Slide (no cut out!)

Silo Adaptor Cone, SST



Item Number: F002563
83° Silo Adapter Cone suit ø440 SST Electric Shutter