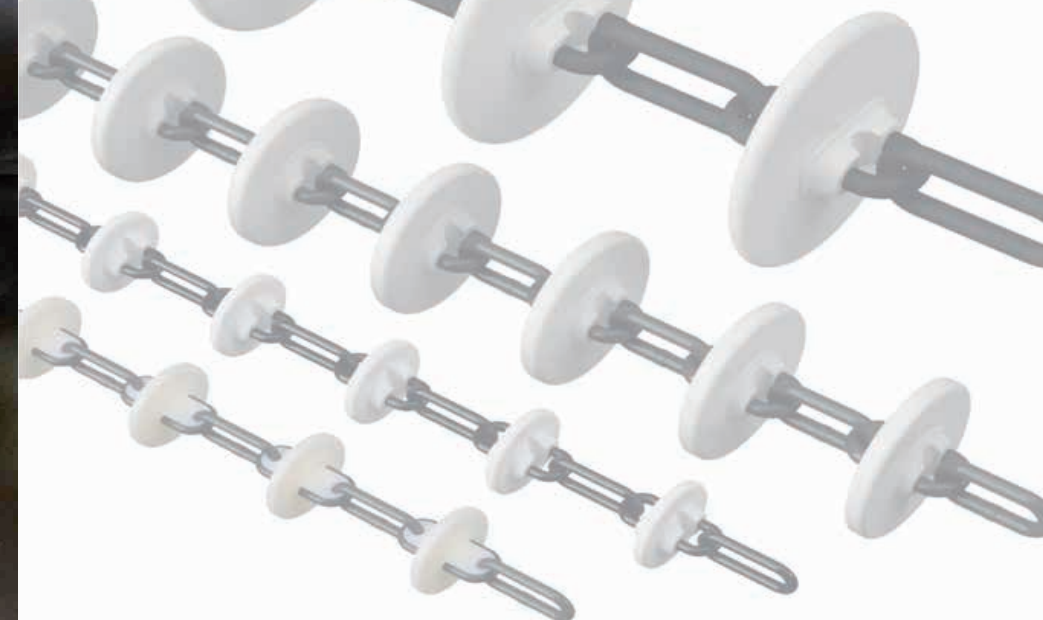


2023



No.21, Kangyue Road, Sino-German Ecopark,
West Coast New Area, 266426, Qingdao, China.

hubert@temu.cc www.temu.cc



Temu®

TEMU TECHNOLOGY (QINGDAO) CO., LTD.



Livestock



Industrial

**TUBULAR CHAIN CONVEYOR
AUTOMATION SYSTEMS**

www.temu.cc



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TEMU TECHNOLOGY, a Sino-German joint venture, is a high-tech enterprise dedicated to the research and development production and sales of automatic feeding systems for the livestock industry. The Chinese company has more than 20 years of experience in livestock equipment production and export to Europe and the United States, and has long-term stable partners and customers at home and abroad: The company has nearly 40 years of industry experience focusing on feeding systems, serving hundreds of pig farms of all sizes. Adhering to the German partners for many years of industry experience and complete cognitive system, the company adopts the German high-tech level, production technology and quality system, combined with the advantages of localized production and research and development, through Sino-German cooperation, the integration of self-produced and imported ways, to become a manufacturer and overall solution provider focusing on intelligent feeding system in pasture.

At present, the company has a German R&D center TEMU-Europe and a domestic production base TEMU-China, the product line includes Chainline system, Air system and Liquid system and other different specifications and methods of feeding system solutions, to meet the individual needs of different customers.



China



China Production Base





Europe



Germany R&D Center





CREATING SOLUTIONS FROM ENERGY TO FOOD
BY BUILDING ROBUST AND SMART MACHINES AND SYSTEMS



Livestock Solutions



Insect



Dairy



Poultry



Pig



Aqua

We offer long experience and expertise in all applications of livestock farming.
Our equipment meets the highest requirements of future farming demands.



Industrial Solutions



Energy



Production



Chains



Machines



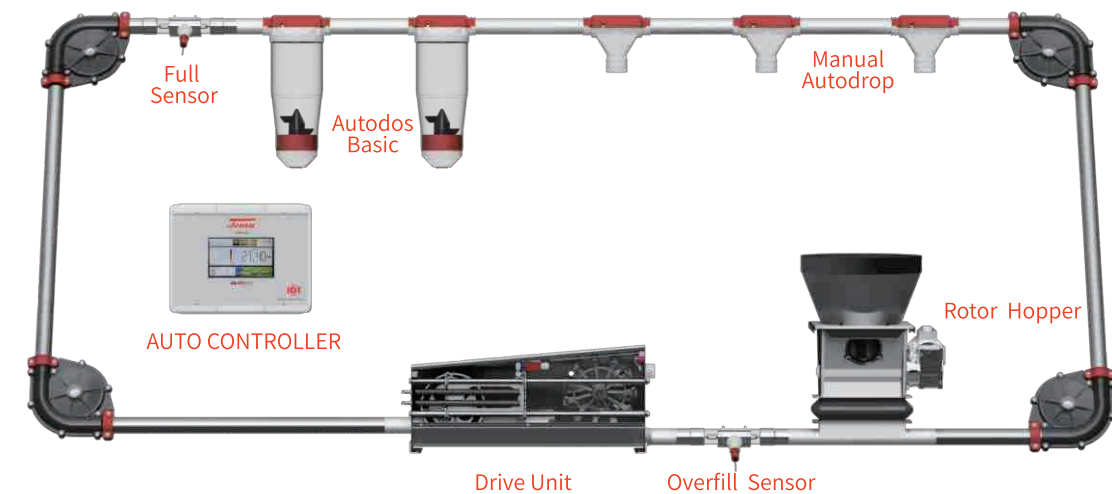
Automation

Our range of applications goes beyond the food production . Due to the high
reliability of our equipment, we solve problems in professional industrial
applications.

AUTO FEED

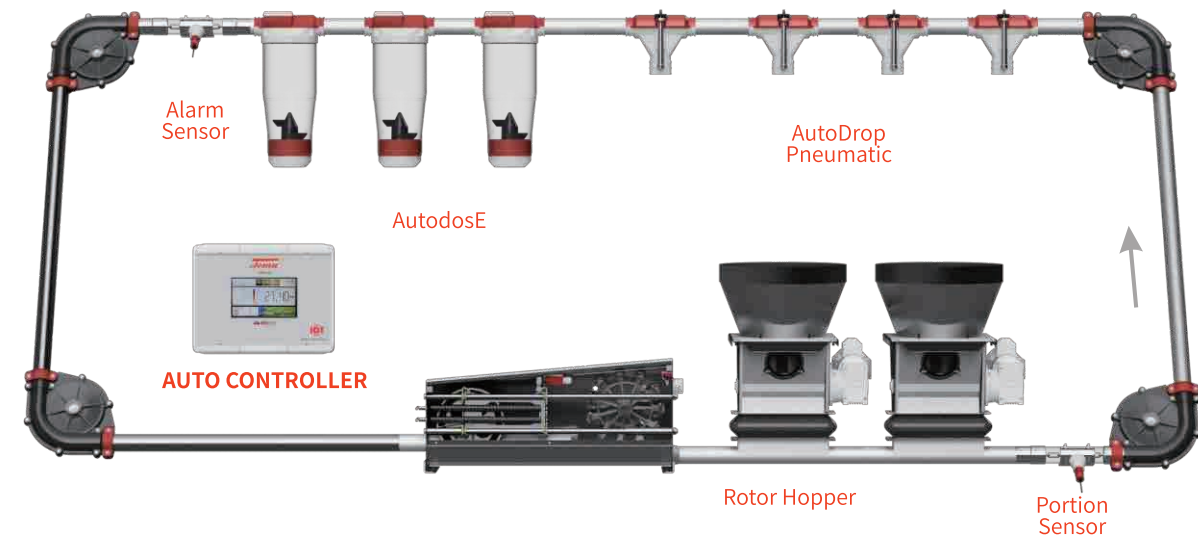
AUTO FEED FILL

The automatic chain disk feeding for every powder or pellets conveyor applications. Our range of applications goes from 60, 102 and 160mm tube diameters. We designed the Autofeed system to offer our customers a tube chain conveyor system that runs automatically every day for many years, i.e. we set a focus on longevity and durability. Every component was designed carefully and tuned to optimal interaction to finally have a highly efficient system. The Fill system represents the basic version where dispensers, feeders or silos have to be filled from time to time.



AUTO FEED PORTION MIX

The portion and in-pipe-mixing system is always empty. This ChainLine pipe is used for fully automatic transport of multiple types of feed and precise portions of bulk material to each single valve.



Our chain disk product line is designed to cover low, medium and high capacities as well as long circuit distances.

The main focus is set on low maintenance, long service life, smart design solutions and automatic running. This enables the systems to meet the challenges of the harsh environment of a farm and the duty performances of an industrial installation.

CHAIN LINE
45



0.6 TON/H
600M MAX
24 CORNERS
1.5 KW POWER
DISK33

CHAIN LINE
60



1 TON/H
600M MAX
24 CORNERS
1.5 KW POWER
DISK 43 & 48

CHAIN LINE
100

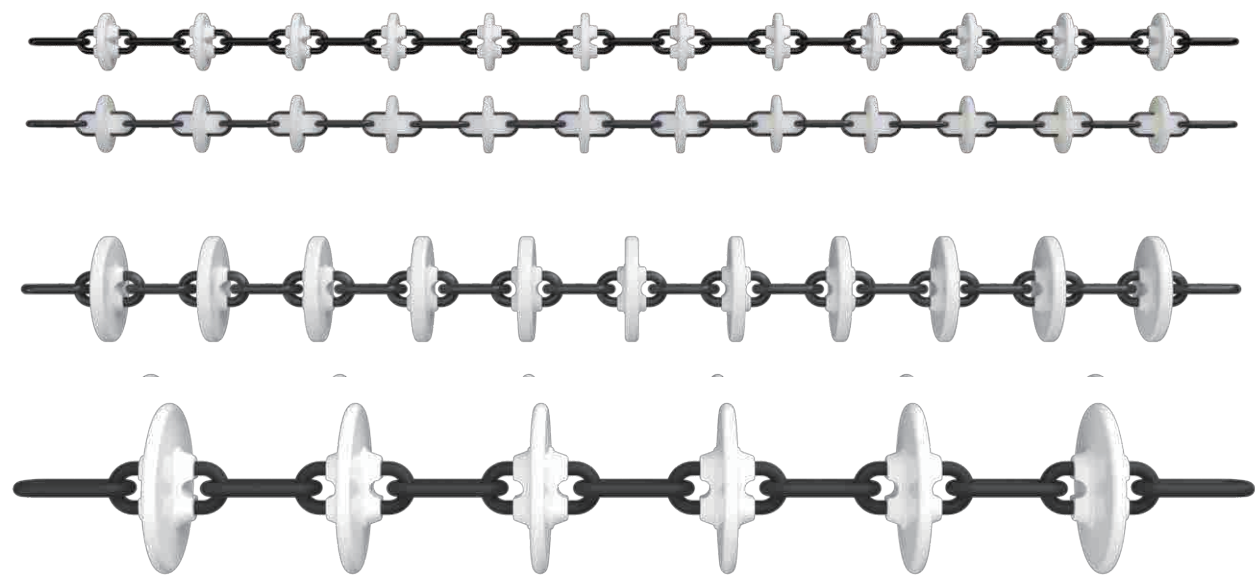


5 TONS/H
400 MAX
12 CORNERS
4 KW POWER
DISK 77

CHAIN LINE
160



15 TONS/H
300M MAX
8 CORNERS
9.2 KW POWER
DISK 130



60mm system for house transfer



CHAINLINE 60



ECO CHAIN D33 1.05.02.052

Chain with disks D33 mm with open injection for ChainLine 45; material: Alloy steel



CHAIN D43 1.05.02.011

Chain with disks D43 mm with full injection for ChainLine 60; material: Alloy steel



ECO CHAIN D43 1.05.02.043

Chain with disks D43 mm open injection for ChainLine 60; material: Alloy steel



CHAIN D48 1.05.02.019

Chain with disks D48 mm with full injection for ChainLine 60; material: Alloy steel



ECO CHAIN D48 1.05.02.047

Chain with disks D48 mm with open injection for ChainLine 60; material: Alloy steel



CHAINLINK 1.05.02.200

Chain link for ChainLine maerial: Alloy steel.



TURNLINK 1.05.02.047

The anti-twist for long ChainLines link 60 mm; material: Alloy steel.



CHAINLINE 60



PIPE 60 G 1.05.03.001

Pipe Ø60 mm, galvanized plate; wall thickness: 1.5 mm

PIPE 60 MG 2.05.60.112

Pipe Ø60 mm, steel magnelis; wall thickness: 1.25 mm

PIPE 60 S 2.05.60.109

Pipe Ø60 mm, stainless steel (AISI 304); wall thickness: 1.25 mm

PIPECOUPLING 60 G 1.05.03.021

Pipe coupling Ø60 mm, material: galvanized



PIPESEAL 60 G 1.05.03.023

Pipe coupling 60 mm with rubber sealing



PIPESEAL 60 S 2.05.60.110

Pipe coupling 60 mm with rubber sealing

INSPECTIONPIPE 60 1.05.03.060

Inspection pipe 60mm; material: PVC transparent/steel galvanizd.



PIPETRANSFER 60/150 S 1.05.03.040

Transfer unit 150 to 60 mm, material: Stainless steel



ECO DRIVE 60.....1.05.01.330

Drive unit for 60 mm pipe; 1.5kW 3Ph 400V motor; mainbody (AISI 304)



RAIN COVER 60.....1.05.01.105

Class fiber rain cover for drive unit 60; color: White



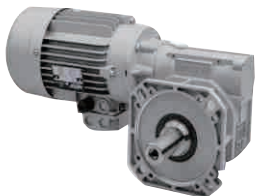
DRIVE WHEEL 60.....1.05.01.230

Drive wheel for drive unit 60; material: Alloy steel, hardened



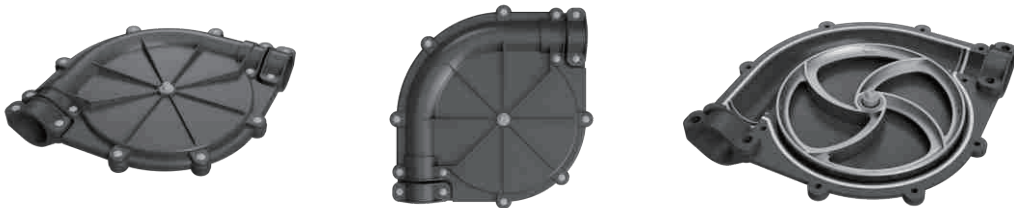
WORMGEAR 60.....1.05.01.089
.....1.05.01.072

Drive gear motor 1.5 kW for drive unit 60



CORNER 60.....1.05.04.030

Corner for ChainLine 60, 90 degrees, black with logo



BLACK ECO CORNER 60.....1.05.04.311

90 degree angle, black high strength engineering plastic, fully thorough seal self-sealing, external bearing, with transparent cover, self-cleaning casting wheel.



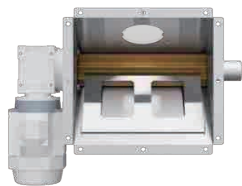
STAINLESS STEEL CORNER 60.....1.05.04.025

90 degree corner, 304 stainless steel housing



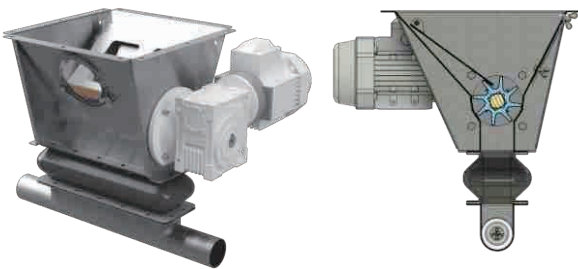
ROTOR DOSER 60 1.05.05.100

Rotor hopper 60mm; material:Stainless steel (AISI 304)

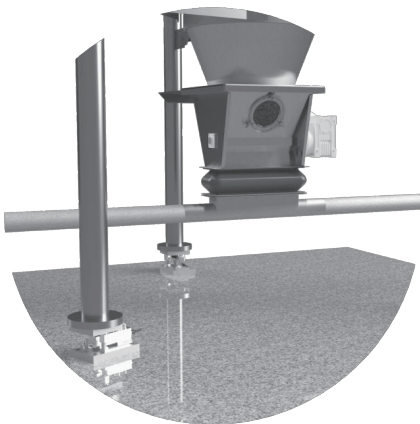


ROTOR DOSER 60 FLEX 1.05.05.350

Rotor hopper 60 mm with flexible connection; material: Stainless steel (AISI 304)



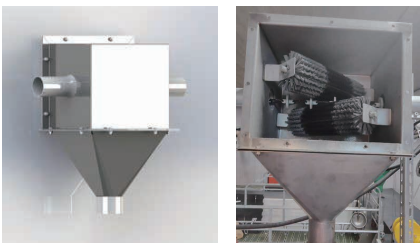
MOTOR RAINCOVER
1.05.05.201



Rotor Doser Flex is the best solution for precise silo scaling.

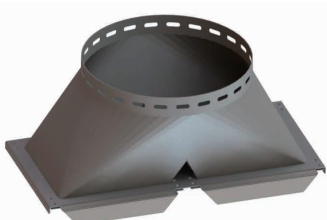
PURIFIER 60 1.05.05.390

Stainless steel (AISI 304) used for ChainLine 60



SILO CONNECTION 440 1.11.01.002

Connection between dosing hopper and silo; silo output diameter 440 mm; material: HD galvanized



SLIDER RAIN COVER
1.11.01.071

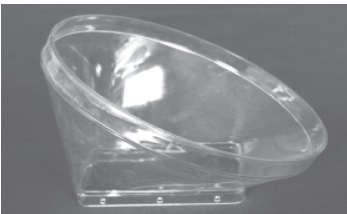
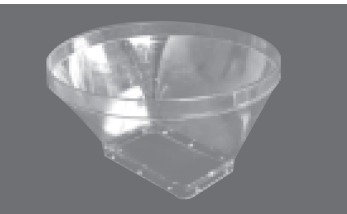


SILO CONNECTION 440 1.11.01.003

Connection between dosing hopper and silo; silo output diameter 440 mm; horizontal flange material: HD galvanized

TRANSPARENT SILO CONNECTION 440 1.11.04.213

Connected with silo, diameter 440 mm wit vertical flange, transparent, two types: flat angle and oblique angle



CHAINLINE 60



AUTO DISPENSER MANUAL..... 1.05.06.018

Volume dispenser 6 L for ChainLine 60



AUTO DISPENSER MANUAL..... 1.05.06.330

Volume dispenser 8 L for ChainLine 60



2 GRADUATED BAR DISPENSER..... 1.05.06.134

Capacity: 8 L
with 2 graduated bars show the volume and mass of feed



CABLE WHEEL..... 1.05.06.121

Guiding and redirecting the cable with U-CLAMP



ROPECLAMP
1.05.06.108



WIRECLAMP
1.05.06.211



HANDWINCH..... 1.05.06.200

Manual winch for release of the Auto Dispenser



FUNNEL 60 & 75..... 1.05.06.215

Telescopic funnel to connect on 60&75 mm drop pipe; color: Red

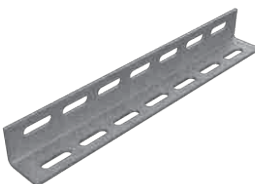


FIXLINE



VEEBEAM 2..... 1.11.02.045

Vee shape beam with oblong holes for each support customizations; material: HD galvanized



UBOLT 60 G..... 1.12.05.002

U Bolt, inner diameter 60 mm, height: 92 mm, material: dacromet



U BOLT 60 SS304
1.12.05.154

UBOLT 102 G..... 1.12.05.006

U Bolt, inner diameter 102 mm, height: 136 mm, material: dacromet



UBOLT 102 SS304
1.12.05.016

UBOLT 160 G..... 1.12.05.157

U Bolt, inner diameter 160 mm, height: 92 mm, material: dacromet



SPOTFEEDER



DOUBLE TROUGH.....1.05.06.650



FEEDER-100L1.05.06.068



1/2 TROUGH FEEDER1.70.01.048
.....1.70.01.056

Material: 304 stainless steel Dry/wet feed mod
Simple and adjustable



AUTO DROP 60



AUTO DROPM.....1.05.03.401

Manual shuttervalue for AutoFeed and ChainLine 60



AUTO DROP E.....1.05.03.402

Electrical shuttervalue for AutoFeed and ChainLine 60; power supply 24 V



AUTO DROP PNEUMATIC.....1.05.03.403

Automatic pneumatic valve for AutoFeed and ChainLine 60



TELESCOPIC DROP 60/65.....1.05.03.090

Drop pipe D60/65 mm with telescopic function



AUTO DOS BASIC..... 1.11.04.004

Universal dispenser and motorised doser; manual shuttervalue for ChainLine 60; quickly detachable for easy cleaning; input 24 V; main color: Red; capacity: 10L



AUTO DOS SENSE..... 1.11.04.005

Universal dispenser and motorised doser; manual shuttervalue for ChainLine 60; input 24 V; sensors to detect emptiness and rotation



AUTO DOS E..... 1.11.04.006

Universal dispenser and motorised doser; automatic shuttervalue for ChainLine 60; input 24 V



AUTO DOS M..... 1.11.04.007

Universal dispenser and motorised doser; with manual filling; input 24 V



AUTO DOS HOLDER..... 1.11.04.010

Support for the main body of the Autodos

CENTRAL SILO FILLING



CHAINLINE 100



PIPE 100 G..... 1.06.03.005

Pipe 100 mm, hot galvanized; wall thickness: 2 mm

PIPE 100 S..... 1.06.03.006

Pipe 100 mm, Stainless steel; wall thickness: 1.5 mm

PIPESEAL 100 G..... 1.06.03.021

Pipe coupling 100 mm with rubber sealing;
material: Steel galvanised/rubber



PIPESEAL 100 S..... 2.06.60.117

Pipe coupling 100 mm with rubber sealing; material: Stainless Steel (AISI 304)/rubber

CHAIN D77..... 1.06.02.001

Chain with disks D77 mm with full injection for ChainLine 100; material: Alloy steel



ECO CHAIN D77..... 1.06.02.020

Chain with disks D77/P80 mm for ChainLine 100; material: Alloy steel



CHAINLINK..... 1.06.02.200

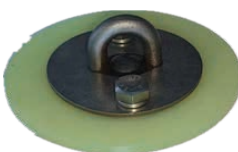
Chain link for ChainLine 100;
material: Alloy steel



CHAINLINK100S

TURNLINK..... 1.06.02.046

The anti-twist for long chain lines link 100 mm; material: Alloy steel.

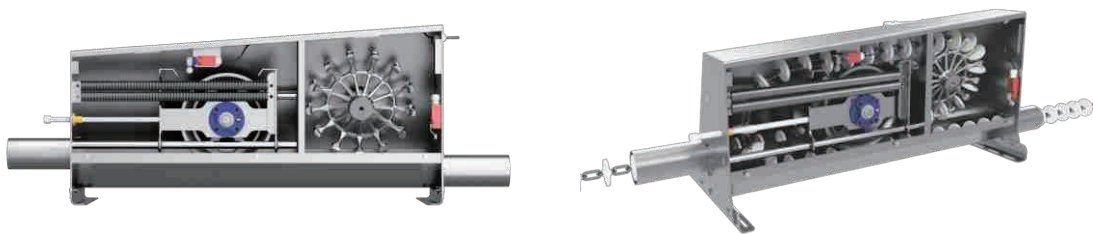


CHAINLINE 100



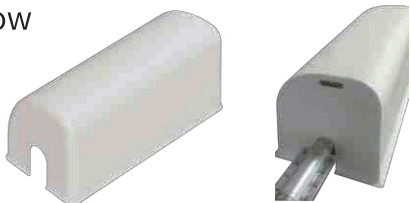
ECO DRIVE 100..... 1.06.01.001

Drive unit for ChainLine 100 mm; 4 kW 3 Ph 400 V Motor;
material: Stainless steel (AISI 304)



RAINCOVER 100..... 1.06.01.105

Glass fiber rain cover; color: white; top ventilation window



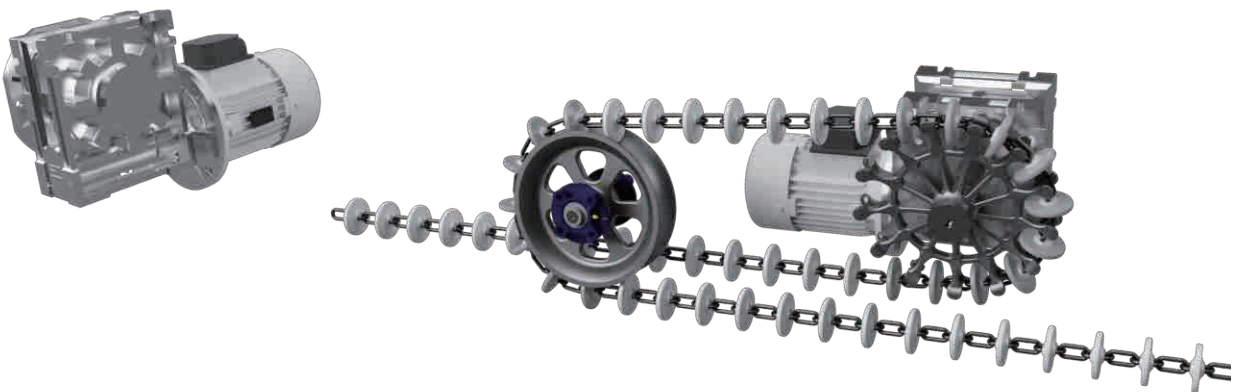
DRIVEWHEEL 100..... 1.06.01.130

Unibody drive wheel; material heart treated alloy steel



WORM GEAR 100..... 1.06.01.070

Drive gear motor 4 kW for drive unit 100



ECO CORNER 100-90° 1.06.04.001

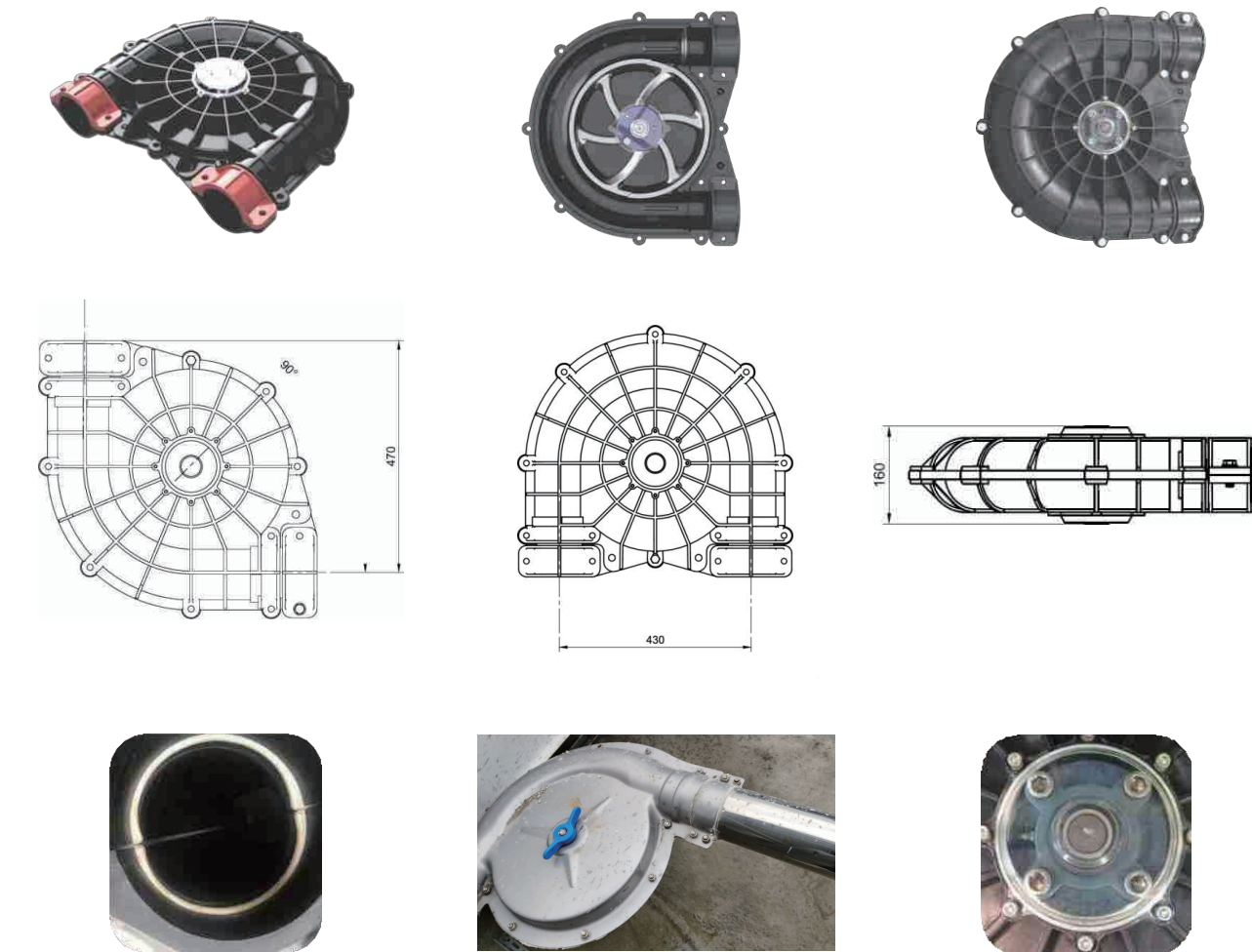
Corner for 90°, with external bearing, color: black pallet packing 120*100*14024 units



1.06.04.001 (INCLUDING THE LOGO), 1.06.04.010 (WITHOUT LOGO)

ECO CORNER 100-180° 1.06.04.050

Corner for 180°, with external bearing, color: black



PIPEINSPECT 100 1.06.03.060

Pipe inspection 100 mm with transparent pipe, material: STEEL HD galvanized



PIPETRANSFER 100 1.06.03.040

Pipe transfer 200 to 100 mm line, material: STEEL HD galvanized



AUTO DROP FUNNEL 100/200 1.06.03.043

Funnel for AutoDos 100/200



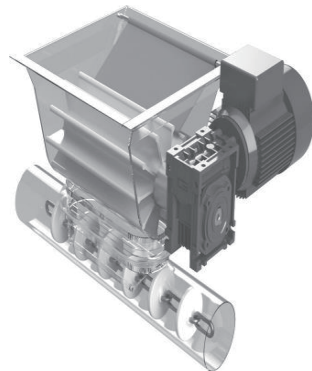
ROTOR DOSER 100.....1.06.05.100

Rotor hopper100mmfor precisedosinginto the ChainLine100 system;
materia l: Stainless steel (AISI 304)



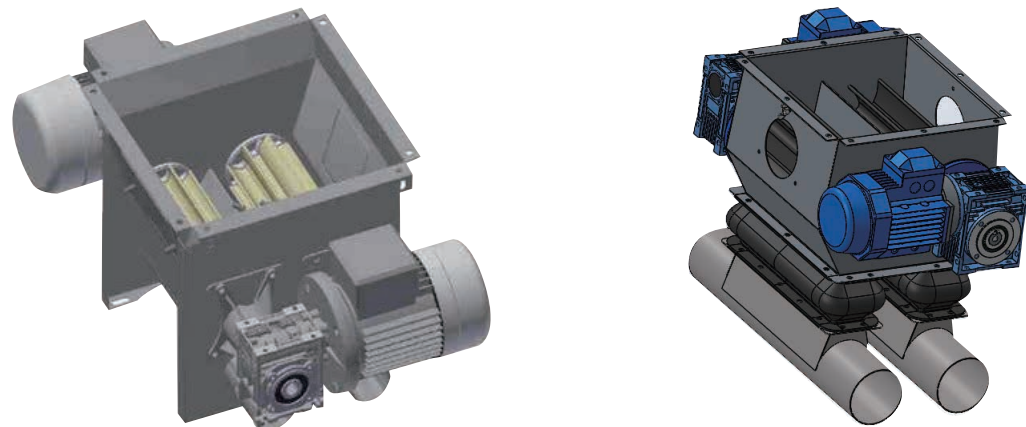
ROTOR DOSER 100 FLEX.....1.06.05.331

Shell material: stainless steel 304
motor: 0.25 kW
speed of discharger: 5 t/h
Used for silo with weighing function of the chainline



ROTOR DOSER 100 FLEX-II.....1.06.05.101

Shell material:stainless steel 304
motor: 0.25 kW
speed of discharger: 5 t/h
Used for tower with weighing function of the chainline



MANUAL DROP 100M1.06.05.293

Manual drop valve for chainline 100
material:Stainless steel (AISI 304)



SPLIT MANUAL DROP 100M1.06.05.289

Manual drop valve for chainline 100
material:Stainless steel (AISI 304)



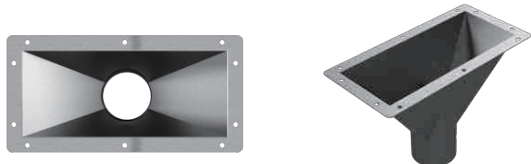
AUTO DROP 100 E.....1.06.05.068

Electrical drop valve for ChainLine 100;
power supply 220V; open/closeend switch;
main body: Stainless steel (AISI 304)



AUTO DROP FUNNEL 100/100.....1.06.05.291-10

Funnel for Autodrop100/100;



ROOFINPUT 100.....1.06.05.064

Input connectionbetween silo room and drop valve; for ChainLine



FLEX HOSE 100.....1.06.05.056

Flexible hose PU for ChainLine



MANUAL DROP 1001.06.05.072

Manual drop valve for chainline 100;
material:Stainless steel (AISI 304)



Central silo filling for high capacities

Conveyor for high capacities of feed or bulk over long distances, for applications like truck load and unload.



PIPE 160 HD 1.07.03.001

Pipe 160 mm, pre-HD galvanized; wall thickness: 2.5 mm

PIPESEAL 160 HD 1.07.03.022

Pipe coupling 160 mm; material: Steel galvanised / rubber waterproof



ECO CHAIN D130 1.07.02.500

Chain with disks D130 / P144 mm for ChainLine 160; material: Alloy steel



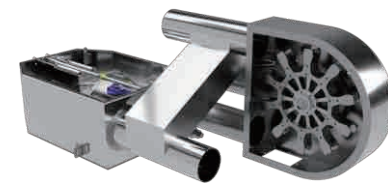
CHAIN LINK 160 1.07.02.502

Chain link for ChainLine 160mm; material: Alloy steel



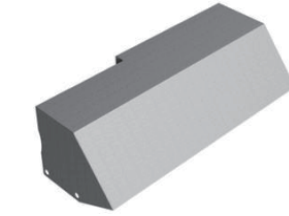
ECO DRIVE 160 1.07.01.002

Drive unit for ChainLine 160 mm; 9.2 kW 3Ph 400V motor; material: Stainless steel body (AISI 304)



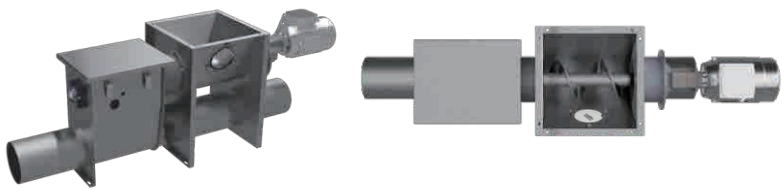
RAIN COVER 160 1.07.01.202

Rain cover for motor of the drive unit.



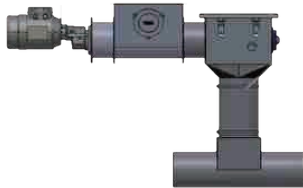
DOSING HOPPER 160.....1.07.05.100

Dosing hopper for controlled dosing into the ChainLine 160 mm;
material: Stainless steel body (AISI 304); gearbox 0.75kW



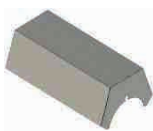
DOSINGHOPPER 160 FLEX.....1.07.05.500

Dosing hopper for controlled dosing into the ChainLine 160 mm;
material: Stainless steel body (AISI 304);
gearbox 0.75kW. With flexible connection.



RAINCOVER HOPPER 1.....1.07.05.101

Rain cover for motor of the hopper.



PIPEINSPECT 160.....1.07.03.060

Pipe inspection 160 mm with transparent pipe; material: Steel HD galvanized



SENSORHOLDER
1.05.03.137

HOLDER PRESS 160 S
1.07.03.070

WORMCLAMP 160 S
1.12.06.005

ROOFINPUT 160.....1.07.03.100

Input connection between silo room and drop valve;
for ChainLine 160



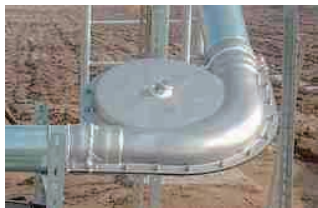
FLEXHOSE 160.....1.07.03.102

Flexible hose PU for ChainLine 160

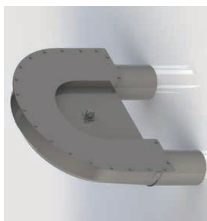


CORNER 160 90.....1.07.04.500

Corner 90 degrees for ChainLine 160 mm;
material: Stainless steel body (AISI 304)



CORNER 160 180.....1.07.04.261



AUTO DROP 160 E.....1.07.05.070

Electrical drop valve for ChainLine 160; power supply 230V;
open/close end switch; main body:Stainless steel (AISI 304)



MANUAL DROP 160/160.....1.07.05.050

Manual drop valve 160/ 160. Stainless steel (AISI 304)



GALVANIZED SILO.....1.11.01.100

Galvanized
pneumatic sys is optional Available in a variety of capacities.



COMPOSITE SILO.....1.11.01.123

Composite
Available in a variety of capacities.



AUTO CONTROLLER SMART.....2.05.10.006

Controller for AUTOFEED system with timer and filling function;
power supply 230 V. Powered by the OnCon CON220 with cloud function.

- Configuration with:
- 1×Capacitive touch Display 5
 - 1×Scale
 - 4×Digital input 24 V DC
 - 4×Digital output 24 V DC
 - 1× Analog input 4.20 mA
 - 1× CanBus output
 - 1× LAN connection
 - Power supply 230 AC



AUTO CONTROLLER 60 FILL SMART.....2.05.52.019

Controller for AUTOFEED system for basic filling system;
power supply 400 V 3 ph. Powered by the OnCon CON220 with cloud function.

- Configuration with:
- 1×Capacitive touch Display 5
 - 1×Silo doser 0.37 kW, 3 ph 400 V
 - 1× Output for drive unit 1.5 kW,3 ph, 400 V
 - 1× Input full sensor 24 V
 - 1× input over fill sensor 24 V
 - 1× Alarm output 24 V
 - 1× Output target valve
 - 1× CanBus output
 - 1× LAN connection
 - Power supply 230 AC



AUTO CONTROLLER PORTION MIX SMART.....2.05.52.018

Controller for AUTOFEED system with multiphase portions and in-pipe mixing function;
power supply 400 V 3 ph. Powered by the OnCon CON220 with cloud function.

- Configuration with:
- 1×Capacitive touch Display 5
 - 3×Silo with variable speed dosing doser 0.37 kW
 - 1× Output for drive unit
 - 1× Input portion sensor 24 V
 - 1× input alarm sensor 24 V
 - 1× Alarm output 24 V
 - 2× Output target valve
 - 1× CanBus output
 - 1× LAN connection



AUTO CONTROLLER 60 FILL SMART.....1.03.01.315

Controller for AUTOFEED system with timer and filling function;
power supply 380 V.

- Configuration with:
- 4× time relay 1× time control
 - 2× motor project control
 - ABS material housing
 - Power supply 380 AC



AUTO CONTROLLER 60 FILL SMART.....1.03.01.488

Controller for AUTOFEED system with timer and filling function;
power supply 380 V.

- Configuration with:
- 16× time relay
 - 2× motor project control
 - PCB type control
 - ABS material housing
 - Power supply 380 AC



AUTO CONTROLLER 102 FILL SMART.....1.03.01.487

Controller for AUTOFEED system with timer and filling function;
power supply 380 V.

- Configuration with:
- 11× motor project control
 - 1× phase sequence protection relay
 - PLC type control
 - SS 304 material housing
 - Power supply 380 AC



AUTO SENSOR 202.03.50.029

Capacitive sensor D20 for AUTOFEED system for liquid and dry feed detection; power
supply 230 V; powered by the OnCon.



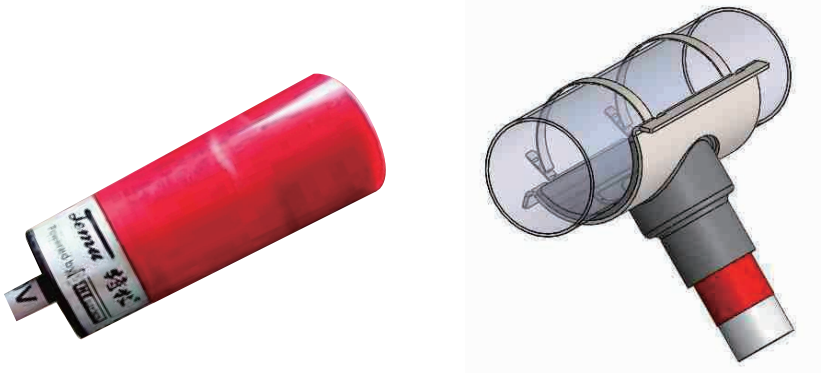
AUTO SENSOR 30-24V2.03.50.031

Capacitive sensor D30 for AUTOFEED system for liquid and dry feed detection;
power supply 24 V; powered by the OnCon.



AUTO SENSOR 30-230V1.03.03.001

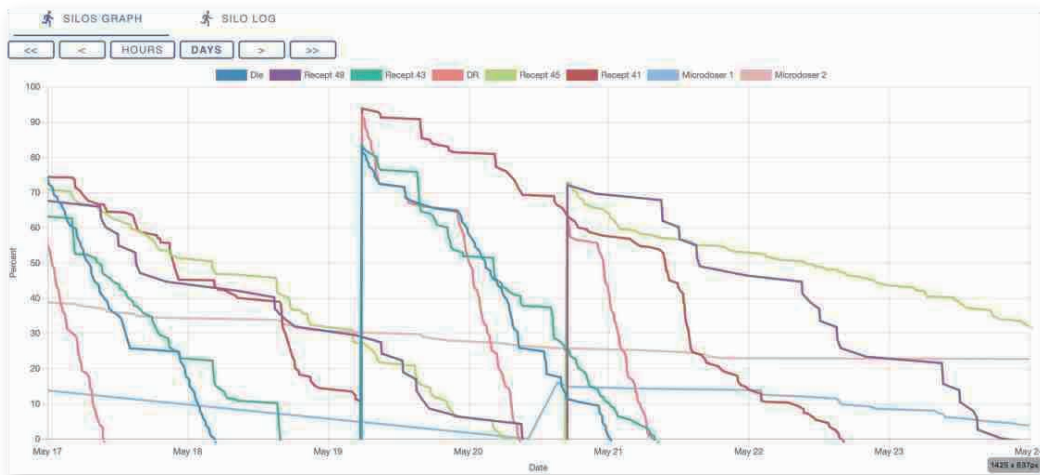
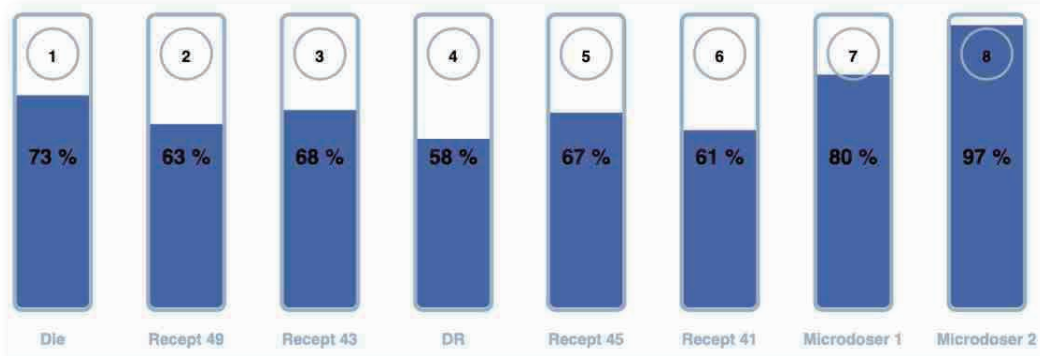
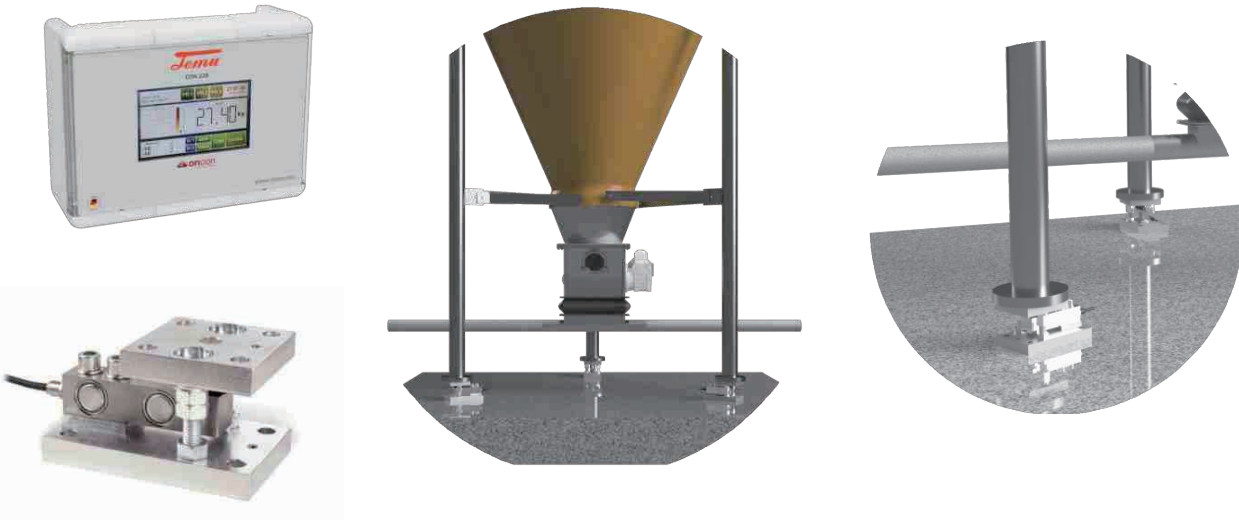
Capacitive sensor D30 for AUTOFEED system for liquid and dry feed detection;
power supply 230 V; powered by the OnCon.



AUTO CONTROLLER SMART



The IoT controller can measure the signals from multiple load cells and visualise and stream them to the OnCon cloud



LOAD CELL 3T SB-S.....1.03.01.209

Shear beam load; fully stainless (AISI 3004) construction; hermetically sealed, fully welded, capacity 3000 kg



LOAD CELL 5T SB-S.....1.03.01.208

Shear beam load; fully stainless (AISI 3004) construction; hermetically sealed, fully welded, capacity 5000 kg



LOAD CELL SUPPORT 3/5T.....1.03.01.212

Load module for shear beam loadcell SB; material: Stainless steel (AISI 304)



LOAD METER.....1.03.01.215

RS485 Modbus RTU, 4-20 mA



JUNCTION BOX 4 S.....1.03.01.201

Connection box for multiple load cell

JUNCTION BOX 6 S.....1.03.01.202

Connection box for multiple load cell

MICROLIQUID
12



Pipe diameter: 12 mm
Max length: 80 m
Max valves: 70
Power: 1.5 kW

MINILIQUID
25



Pipe diameter: 25 mm
Max length: 100 m
Max valves: 70
Power: 3 kW

ULTRALIQUID
63



Pipe diameter: 63 mm
Max length: 200 m
Max valves: 300
Power: 5.5 kW



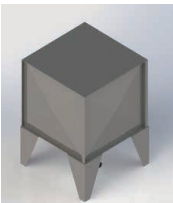
MIXING TANK.....1.10.03.010

Stainless steel (AISI 304/316); capacity 3000 L, 3 sets of weighing module, mixing module, cleaning and disinfection module, three-point support, safety lock access door, dry material feeding control device, liquid raw material feeding port.



CIRCULATION TANK.....1.10.03.080

Stainless steel (AISI 304); Capacity 2000 L, cleaning, mixing and disinfection, the use of three-point support, safety lock access door.



STONE TRAP.....1.10.03.120

Stainless steel (AISI 304), Replaceable 316 filter screen, strong tungsten magnet, strong filtering ability, safe feeding environment.



WATER TANK.....1.10.03.109

Stainless steel (AISI 304) 1500 L, Bottom with taper, can be completely emptied, with water level control float valve



GEAR MOTOR1.10.03.150

For liquid systems, 3 kW, 50 Hz, 380 V



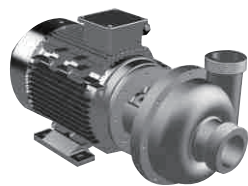
CONVEYOR PUMP 1.10.03.151

Conveying clean water,0.75KW, Maximum flow rate 24m³/h,
rated flow rate 12m³/h, maximum head 16m,
rated voltage 220V



CONVEYOR PUMP 1.10.01.153

feed delivery ,Voltage 380v, working pressure 4bar,
5.5kw, conveying distance 280m, flow rate 400L/min;



AIR BALL VALVE 1.10.02.050

DN50,DC24V, 304 stainless steel ball valve,
maximum pressure 16bar, conveying medium, water, gas, oil;



FLOW METER 1.10.02.025

MAG5000 Supply: 115/230V AC 50/60Hz 17VA IP67/NEMA6 -20~60°C



MEMBRANE VALVE 1.10.02.045

Dn50 (63-63- 63 type) PVC blanking diaphragm valve, DC24V,
maximum pressure 16bar, with manual switch function;



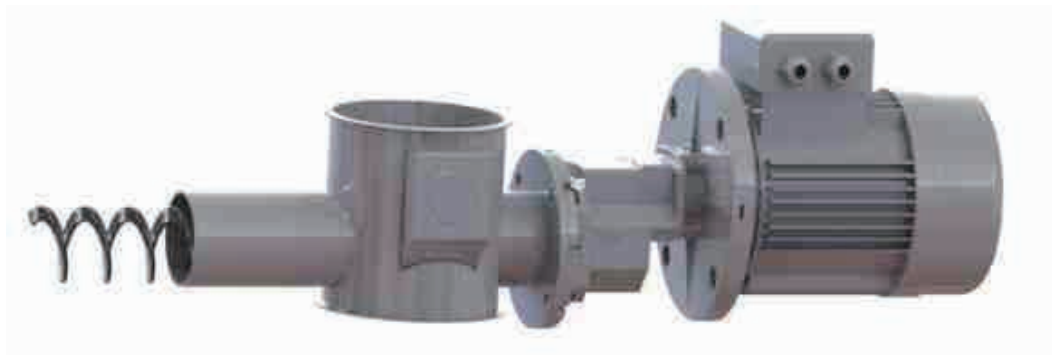
BATCH MIXER 1.11.04.003

Stainless steel (AISI 304); Maximum mixing capacity of mixing cylinder: 40 kg;
motor 380 V0.75 kW



AUGER DROP VALVE 1.08.01.070

Stainless steel (AISI 304); Motor: 380 V, 0.75 kW/1.1 kW



NEW MICRODOSER.....1.11.06.001

Stainless steel (AISI 304) Motor: DC 24 V, 50 W

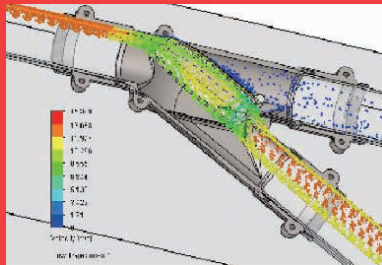


AIR SYS 50



- Max Length: 80 m
- Max Power: 7.5 kW
- Max capacity: 1.2 m³/h
- Max Valves: 30

AIR SYS 60



- Max Length: 300 m
- Max Power: 11 kW
- Max capacity: 4 m³/h
- Max Valves: 30

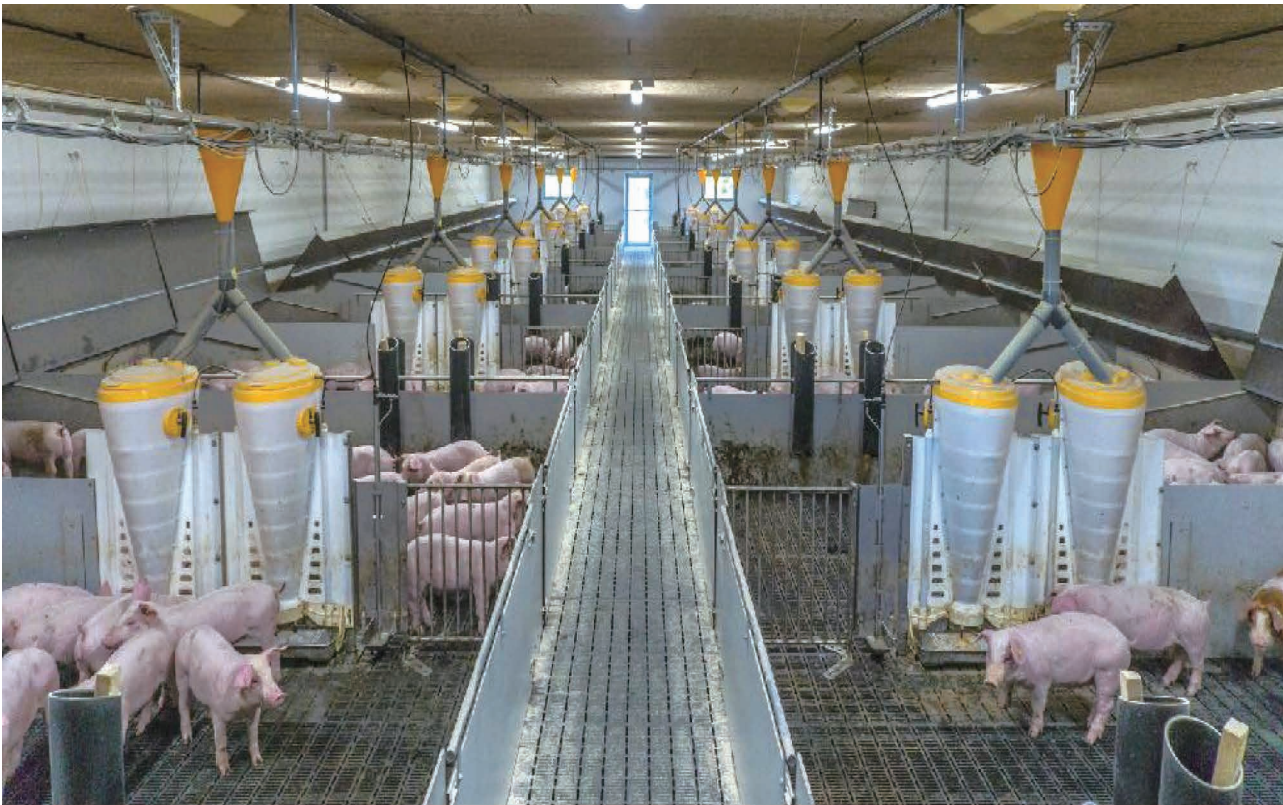
AIR SYS 100



- Max Length: 250 m
- Max Power: 32 kW
- Max capacity: 13 m³/h
- Max Valves: 20

AUTO DOSER.....1.70.01.094

Stainless steel (AISI 304) Motor: DC 24 V, adjustable blanking, capacity: 17 L



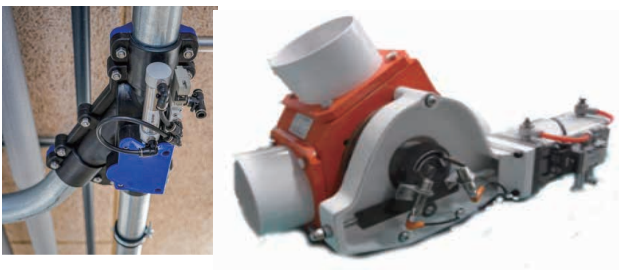
AIR SYS MAIN MACHAIN.....1.09.01.008

Air Sys mixing system type II, mixing bin and stirring bin are made of 304 stainless steel, with 2 independent weighing system
Typ 50 conveying distance 300 m power 7.5 kw, conveying capacity 1.3 m³ / h
Typ 60 conveying distance 300 m power 11 kw, conveying capacity 4 m³/h



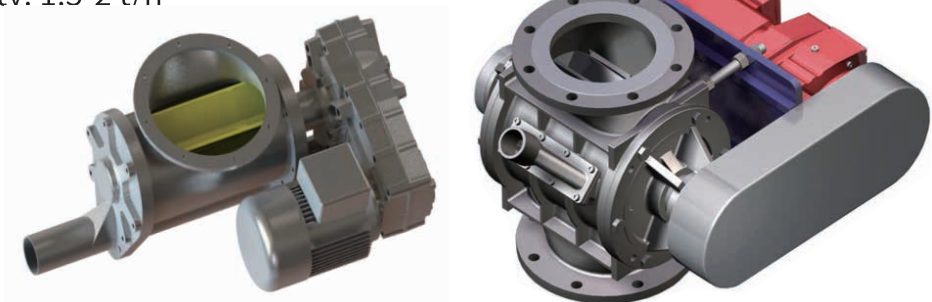
PNEUMATIC THREE-WAY VALVE.....1.09.02.050

Typ 50 pneumatic three-way valve DC 24 V
Typ 60 pneumatic three-way valve DC 24 V
Typ 100 pneumatic three-way valve DC 24 V



ELECTRIC DISCHARGER.....1.09.01.010

Motor power: 1.5 kW
Motor rotate speed: 20 rpm
Typ 50 transport capacity: 1.2-1.5 t/h
Typ 50 transport capacity: 1.5-2 t/h



ROOTS FAN1.09.01.020

Air sys pump
power: 7.5 kW
max flow: 320 m³/h
pressure: 440 mbar
with safety valve suction filter and easy-maintain



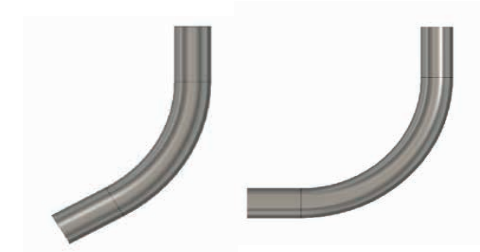
SS PIPE CONNECTOR.....1.05.03.023

Typ 50 pipe connector with gasket
Typ 60 pipe connector with gasket



SI PIPE ELBOW.....1.09.02.024
.....1.09.02.025

Typ 50
stainless steel pipe elbow radius: 250(500) mm
length:60 mm angle: 60(90)°
Typ 60
stainless steel pipe elbow radius: 250(500) mm
length:60 mm angle: 60(90)°



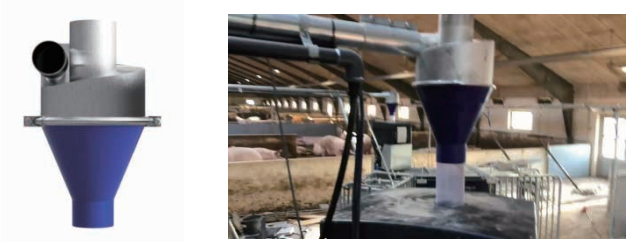
WATER VALVE and FITTINGS.....1.09.01.413

Air sys water valve and fittings
DC 24 V
inner radius: 20 mm
executive mechanism: 50 mm



CYCLONE(ROTARY DISCHARGER).....1.09.04.200

Typ 50/60
material: stainless steel and poly material
with quick disassembly repairing design



TROUGH SENSOR(LIQUID).....1.10.04.041

Air sys liquid trough with sensor
DC 24 V with seal
material: 316 L



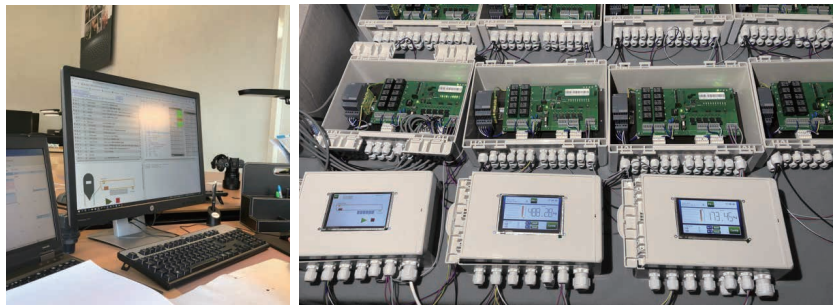
AIR SYS DISTRIBUTION CABINET.....1.09.01.701

Distribution cabinet: string control, conveying control,
weighing system, circuit protection, touch screen control
panel, motor protection device, communication interface,
air pressure detection device, etc.

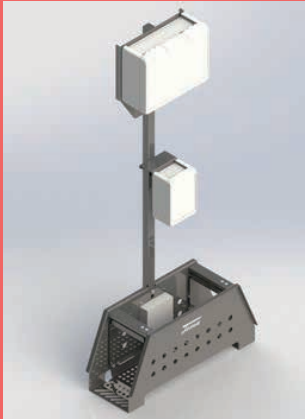


AIR SYS CONTROL.....1.09.01.702

Pneumatic control software
valve control module
remotecontrol module
with running display



AUTOGATE
(PIGLET)



- Weighing range: 1-20 kg
- Number of load cell:2
- error: ≤0.25%
- pigs per station: up to 100
- typ: Basic/ID

AUTOGATE
(WEANER)



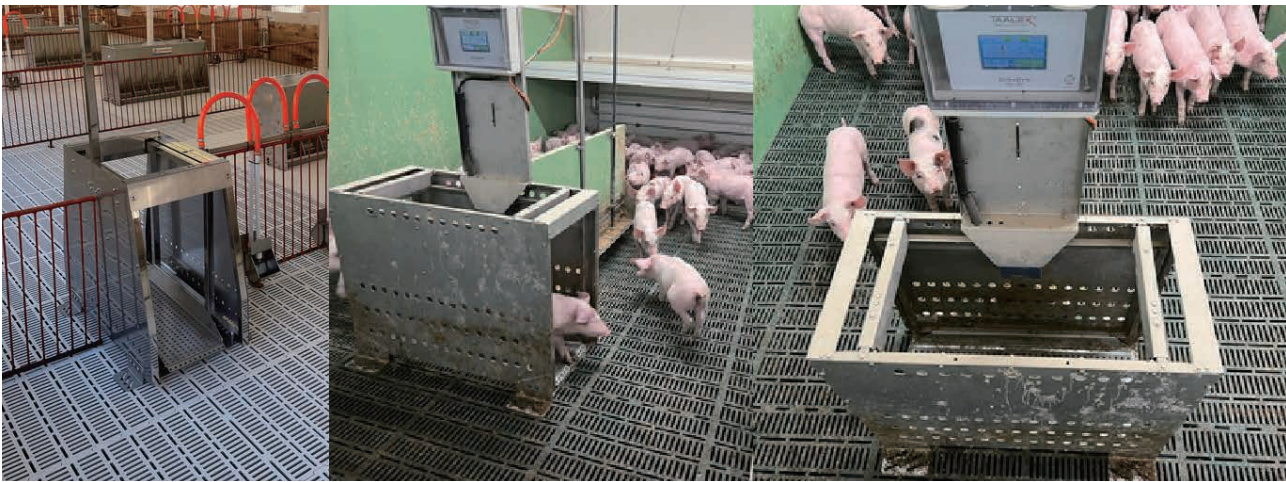
- Weighing range: 1-100 kg
- Number of load cell: 2
- error: ≤0.25%
- pigs per station:up to 100
- typ: Basic/ID

AUTOGATE
(FINISHER)



- Weighing range: 1-200 kg
- Number of load cell: 2
- error: ≤0.25%
- pigs per station: up to 100
- typ: Basic/ID

Note: Optional feed consumption/Gp,air temperature& humidity,infrared sensing and water consumption are available on all types of AUTOGATE. The type ID can realize identification, and coloring marking is available too.



AUGER GEAR MOTOR.....1.08.01.004

Three-phase 380 v, 50 Hz, 1.1 KW, 356 RPM, FT 7 flange, O24H shaft, different voltage frequency motors can be customized



AUGER THREE-WAY DISCHARGER.....1.08.01.070

75 mm, 164 mm flanges motor flanges with winch, sensor mounting.



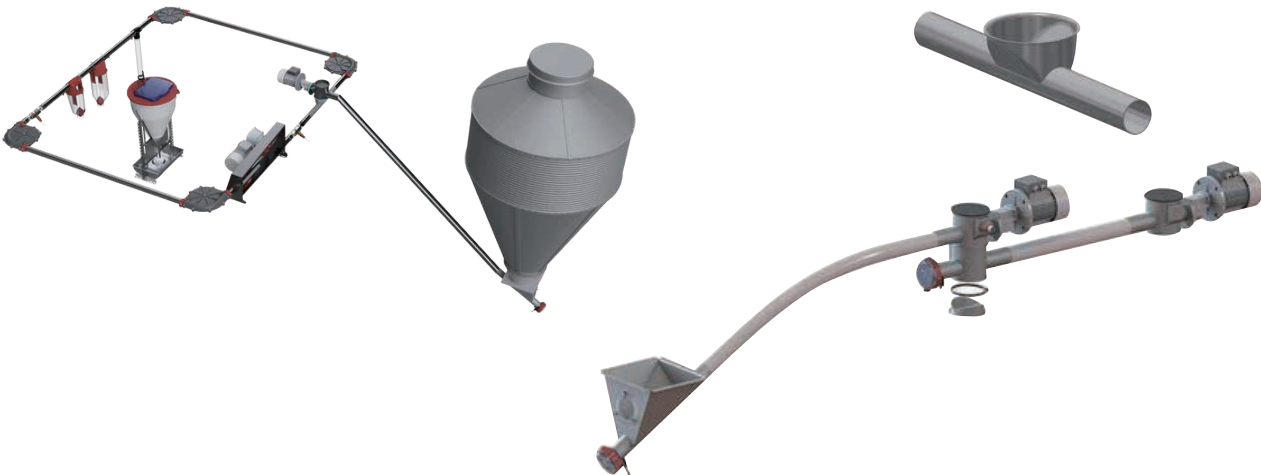
AUGER.....1.08.02.010
1.08.02.011

75 Auger, 75/225, 75 mm auger, outside/inside diameter: 60/36 mm, pitch: 40 mm
75 Auger, 75/227, 75 mm auger, outside/inside diameter: 60.5/36 mm, pitch: 60 mm



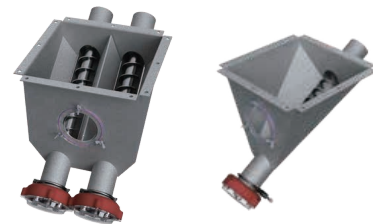
AUGER TRANSFER.....1.05.03.041

Stainless steel stainless transfer, the diameter of the horn is 150 mm, the height of the horn to the center of pipe is 80 mm, and there is a beam at the horn, the length is 400 mm.



AUGER INCLINED HOPPER.....1.08.01.081

1.08.01.081 Auger single pipe 30° inclined hopper
1.08.01.081 Auger double pipes 30° inclined hopper
1.08.01.081 Auger triple pipes 30° inclined hopper



AUGER HOPPER.....1.08.01.088
1.08.01.082
1.08.01.083

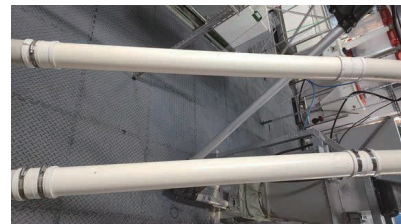
1.08.01.088 Auger single pipe hopper
1.08.01.082 Auger double pipes hopper
1.08.01.083 Auger triple pipes hopper



AUGER SHAFT.....1.08.01.061



PVC PIPE.....1.08.03.002



PVC ELBOW PIPE.....1.08.03.021



AIR SYS MAIN MACHAIN.....1.09.01.008

Air Sys mixing system(AFF) - II type
mixing bin and stirring bin are made of 304 stainless steel,
with independent weighing system
Typ 25conveying distance 300m ;



CYCLONE(ROTARY DISCHARGER).....1.09.04.200

Porous pneumatic distributor: 11 air outlets;
With position detection, safety sensor;
GEAR motor DC 24 V, high precision;
Security protection module;
type: 25



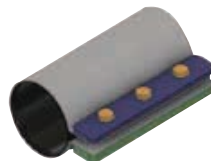
PNEUMATIC THREE-WAY VALVE1.09.02.050

Typ 25 pneumatic three-way valve DC 24 V



SS PIPE CONNECTOR1.05.03.023

Typ 25 pipe connector with gasket



SI PIPE ELBOW1.09.02.024

Typ 25
stainless steel pipe elbow radius:250(500) mm
length:60 mm angle: 60(90)°



AQUACULTURE(CONTROL).....1.09.04.200

Controller: control of 8 devices independently
With integrated touch screen, multiple feeding
Access to iot control sys/remote control
Built-in security protection module



AQUACULTURE(FEEDER).....1.09.04.200

Capacity: 10 L
Precise feeding mechanism, Drive gear motor, DC 24V
Material: composite engineering plastic
Quick disassembly structure design, convenient



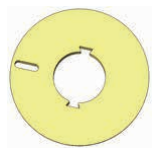
AQUACULTURE(SPREADER).....1.09.04.200

Spreading mechanism: DC 24 V Motor 4000 rpm(optional).
Spreading range: about 1.5-2 m radius (customizable)
Material: SUS 304
Adjustable structure



AQUACULTURE(DRIVE PLATE)1.09.04.200

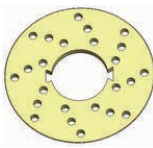
Drive plate A dosing rate: 50 g/min
Drive plate B dosing rate: 295 g/min
Drive plate C dosing rate: 285 g/min
Drive plate D dosing rate: 2130 g/min
All plates were made of Composite engineering
plastics.



A



B



C



D



T160 central filling line for 24000 finisher farm

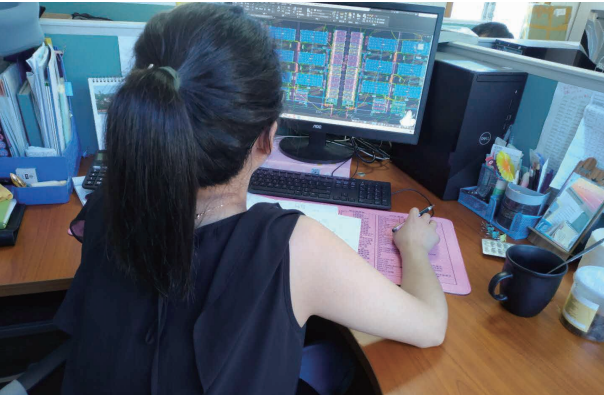
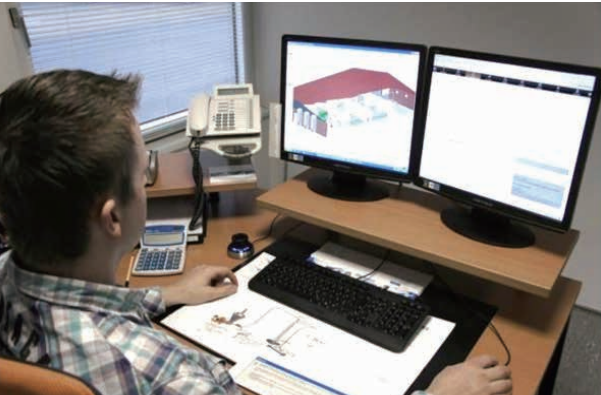


T100 central filling line for 500000 egg poultry farm



2400sows with finishers nutrition testing farm

FARM DESIGN



ON FARM TRAINING



PUBLIC KEYNOTE

