

MODULAR SYSTEM



Technical specifications centreless auger system

System	Type of motorreductor	Capacity (kg/hr)	Maximum length (mtr)
Flex 60	0,75 kW, n=325	875	60
Flex 75	0,37 kW, n=100	425	70
	0,75 kW, n=325	1300	60
	1,10 kW, n=325	1300	70
Flex 90	0,75 kW, n=325	2200	40
	1,10 kW, n=325	2200	50
Flex 125	1,10 kW, n=325	5000	30

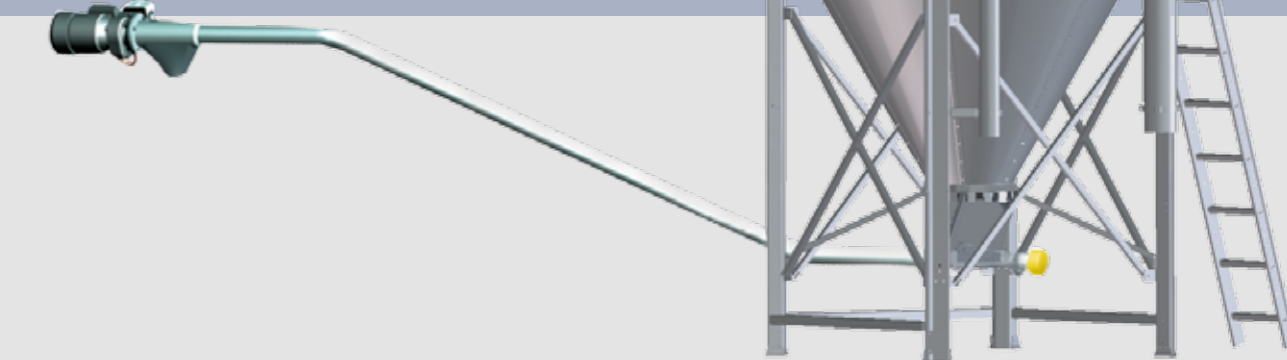
Technical specifications silo

Silo diameter 1,80 mtr			
Model	Angle of slope °	Height mtr	capacity m ³
1 Ring	60	3,38	3,9
2 Rings	60	4,19	6,0
3 Rings	60	5,01	8,1
4 Rings	60	5,82	10,2

Silo diameter 2,10 mtr			
Model	Angle of slope °	Height mtr	capacity m ³
2 Rings	60	4,56	8,7
3 Rings	60	5,37	11,6
4 Rings	60	6,18	14,5
5 Rings	60	7,00	17,4
6 Rings	60	7,81	20,3

Silo diameter 2,75 mtr			
Model	Angle of slope °	Height mtr	capacity m ³
2 Rings	60	5,26	15,8
3 Rings	60	6,07	20,6
4 Rings	60	6,88	25,0
5 Rings	60	7,70	30,2
6 Rings	60	8,51	35,0
7 Rings	60	9,32	39,8

Silo diameter 3,20 mtr			
Model	Angle of slope °	Height mtr	capacity m ³
2 Rings	60	5,79	23,4
3 Rings	60	6,60	30,0
4 Rings	60	7,42	36,6
5 Rings	60	8,23	43,2
6 Rings	60	9,04	49,8



- Perfectly sealed off silo for secure storage
- Feed remains fresh
- Userfriendly
- Centreless auger prevents feed de-mixing
- Durable material for long life

Dealer

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VDL Agrotech



Silos and transport auger system!

Extension intake hopper



Extension intake hopper

- Hot dip galvanized steel
- For 2 transport augers, stacked under one silo booth outlet

Y-piece with diverter valve



Y-piece

- Hot dip galvanized steel
- For 2 transport augers side by side under one silo booth outlet
- Available with diverter valve
- Diverter valve with pneumatic- or electric control

Safe and efficient storage

VDL Agrotech supplies silos with a wide range of storage capacities. For each case a suitable silo is available, guaranteeing optimum storage.

- Silos built of galvanized steel corrugated sheets
- All connections between sheets are double bolted with corrosion resistant fastening material
- The galvanized sheets reflect sunlight, thus preventing heat build up in the silo and consequently condensation due to big temperature differences
- Silos standard equipped with inspection window
- Inspection hatch, ladder and safety cage available as option



Pneumatic filling

The silos are filled by a bulktruck equipped with pneumatic filling system. For this purpose the silo is equipped with a special steel filling pipe and a pvc de-aeriation pipe. The system has been designed to prevent feed de-mixing during filling and to fill the silo to the maximum level.

Mechanic filling

The silo is equipped with a remote opening mechanism for opening and closing of the silo roof lid. For mechanic filling VDL offers a rigid auger filling system, optionally available with movable support for multiple silo use.

Pneumatic-mechanic filling

Pneumatic-mechanic filling combines the advantages of both filling systems.

Auger transport systems

The centreless auger transport system is a highly efficient system for feed transport. The system is characterized by ease of installation and available in diameters ranging between 60, 75, 90 and 125 mm.

Siloboot

- Made of hot dip galvanized steel
- Available in horizontal aswell as 30 degrees inclining model
- Suitable for various models silos, with optional silo connection adapters
- Used in combination with feed intake hopper

Feed intake hopper

- Made of stainless steel
- Guarantees even transport of feed
- Agitator, to prevent bridging of feed in intake hopper is available as option
- Userfriendly maintenance, feed cut off slide allows easy access to intake hopper

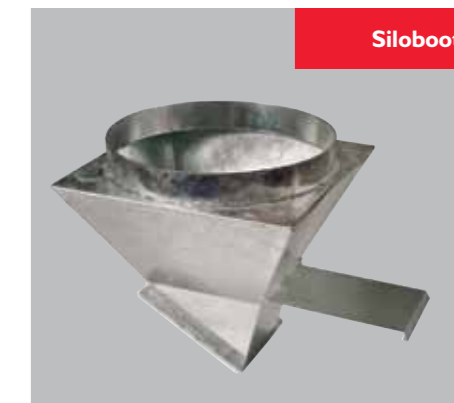
Drive unit

- Galvanized steel frame with flanged gearbox motor, electronic level sensor, motor protection switch and end outlet

Transfer hopper

- Can be installed in any position, 360 degrees movable
- Mounted under drive unit outlet or intermediate outlet
- Connects multiple transport lines
- Increases length of auger systems by adding additional drive unit(s)
- Design and characteristics identical to feed intake hopper

Siloboot



Double siloboot



Feed intake hopper



Transfer hopper



Drive unit with transfer hopper



Drive unit