



Discharge screw 200, inclined

Efficient grain transport underneath flat bottom silos

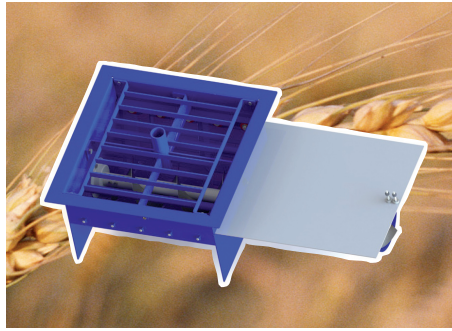
- Galvanised outer tubes and drive parts with powder coated inlets ensure excellent corrosion resistance.
- Capacity 60 or 80 tons of wheat per hour.
- Automatic transmission chain tensioning allows a fixed mounting for the motor and minimal maintenance.
- 25° inclined head with outlet reaching over connecting conveyor.



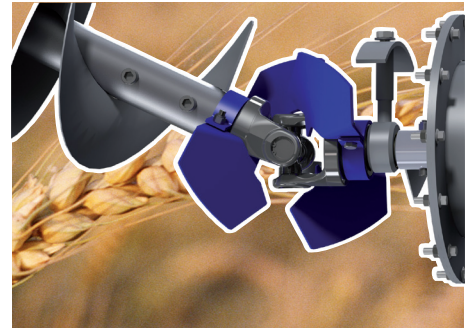
Sveaverken AB



25° inclined head with adjustable support. Outlet 250 mm square.



Centre sump with grid and shut off valve supported on bearings.



Inclined unit w. inspection opening, intermediate bearing and paddles optimising the flow.

Assortment

The Discharge screw is supplied as a kit to build up machines to suit many sizes of installations. This allows for easy planning, installation, transport and storage. Options of vertical or horizontal discharge are available, and a permanently installed sweep auger is available for complete emptying of round silos.

Design

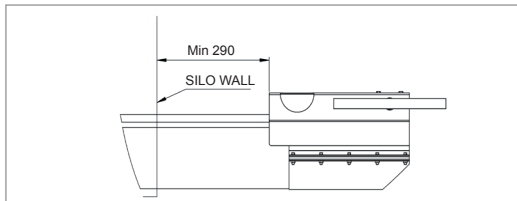
The transmission system is rigidly connected to the auger tube with a flange mounted motor. Intermediate inlet sumps are mounted on the horizontal outer tube at 1800mm centres [max.] for safe emptying of the silo prior to sweep auger operation. Conveyor extensions of 1, 2 or 3 metres with sleeve joints.

Features

25° inclined head allows the discharge height above sump inlet level of 184mm.

The centre sump is opened using a rack and pinion control mounted outside the silo. An interlock system prevents the intermediate inlets being opened until the second stage is selected.

Mounting of regulation



A clearance of 330 mm underneath the floor is needed for sumps.

Technical data

	60 tph	80 tph
Max length	10,5 m	9,5 m
Type of drive unit	Chain, single	Chain, single
Power	5,5 – 11 kW	7,5 - 11 kW
Capacity	60 t/h*	80 t/h*
Spiral speed	315 rpm	380 rpm
Diameter of spiral	185 / 230 mm	185 / 230 mm
Pitch	165 / 215 mm	195 / 215 mm

* Capacity: Clean wheat @ 750 kg/m³. Moisture content 15%. Higher moisture contents and admixture in the grain will affect capacity.

Standard lengths of screw

(other lengths on request)

Silo diam. (mm)	Length hor.*(mm)	No. of side sumps**	Power 60 tph (kW)	Power 80 tph (kW)
7130	6480	2	5,5	7,5
8020	6980	2	7,5	7,5
8910	7480	3	7,5	9,2
9800	7980	3	7,5	9,2
10700	8480	3	7,5	9,2
11590	8980	3	11	11
12480	9480	4	11	11
13370	9980	4	11	--
14260	10480	4	11	--

* From centre silo to centre outlet.

** Max distance centres side sumps = 1800 mm. Side sump to silo wall = 600 mm.



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