



Sveaverken

Stationary sweep auger 200

Discharge screw 200

Discharge screw 200/25°



Grain transport in round silo with flat bottom



Stationary sweep auger 200

- Designed according to the building kit principle.
- Drive unit with worm geared motor, powder painted rigid beam and intermediate bearings secures a long life time.
- Capacity 30 or 60 tons of wheat per hour.
- Slip ring connected motor and the auger adjustable lengthwise, makes it fit into a wide range of silos.
- Along the rigid beam there is an inlet plate that feed the auger in an optimized way.

Technical data

Stationary sweep auger 200	60	30
Max length, m	9,685	9,685
Type of drive unit	Worm geared motor	Worm geared motor
Power, kW	2,2-5,5	2,2-5,5
Capacity, t/h	60*	30*
Spigot diameter, mm	41	41
Spiral, rpm	280	280
Diameter spiral, mm	185	185
Pitch, mm	130	130
Diameter of drive wheel, mm	200	200

*Capacity: Wheat 0,75 t/m³, max humidity 15% rH.
Higher humidity and not clean grain, the capacity will drop.

Standard lengths of auger

Stationary sweep auger 200		
Diameter silo, mm	Length auger, mm**	Power, kW
7030-7230	3455	2,2
7920-8120	3890	2,2
8810-9010	4335	2,2
9700-9900	4780	3,0
10600-10800	5230	3,0
11490-11690	5675	3,0
12380-12580	6120	4,0
13270-13470	6565	4,0
14160-14360	7010	4,0
15050-15250	7455	4,0
15940-16140	7900	5,5***
17730-17930	8795	5,5***
19510-19710	9685	5,5***

**From spigot/centre silo to outside gable.
Nominal length +/-100 mm (step of 50 mm).
***Direct started.



Discharge screw 200

- Galvanized transmissions and tubes together with powder painted inlet parts and regulation secures a long life time.
- Capacity 80 tons of wheat per hour.
- Transmission with automatic tensioning of the chain makes a rigid mounting of the motor.
- Two versions, horizontal + vertical (as above) or just horizontal for outlet over discharge trench.



Discharge screw 200/25°

- Galvanised outer tubes and drive parts with powder coated inlets ensure excellent corrosion resistance.
- Capacity 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.

Technical data

Discharge screw 200/25°	80 t/h
Max length, m	9,5
Type of drive unit	Chain, singel
Power, kW	7,5-11
Capacity, t/h	80*
Spiral, rpm	380
Diameter spiral, mm	185/230
Pitch, mm	165/215

*Capacity: Wheat 0,75 t/m³, max humidity 15% rH.
Higher humidity and not clean grain, the capacity will drop.

Technical data

Discharge screw 200	Horizontal	H/V
Max length/Max height, m	11,6	4,7 (to outlet)
Type of drive unit	Chain, single	Chain, singel
Power, kW	5,5-9,2	5,5
Capacity, t/h	80*	80*
Spiral, rpm	380	510
Diameter spiral, mm	185	185
Pitch, mm	165	195

*Capacity: Wheat 0,75 t/m³, max humidity 15% rH.
Higher humidity and not clean grain, the capacity will drop.

Standard lengths of auger

Discharge screw 200				
Diameter silo, mm	Length hor. mm*	H/V, mm	Number of side sumps**	Power hor. kW
7130	5058	5076	2	5,5
8020	5558	5576	2	5,5
8910	6058	6076	3	5,5
9800	6558	6576	3	5,5
10700	7058	7076	3	7,5
11590	7558	7576	3	7,5
12480	8058	8076	4	7,5
13370	8558	8576	4	7,5
14260	9058	9076	4	7,5
15150	9558	9576	4	9,2
16040	10058	10076	5	9,2
17830	10558	10576	5	9,2
19610	11558	11576	5	9,2

**From centre silo to centre outlet.

For vertical, centre silo to centre vertical screw, add 18 mm.

**Max distance c/c side sumps = 1800 mm, side sump to wall = 600 mm.

Standard lengths of auger

Discharge screw 200/25°			
Diameter silo, mm	Length hor. mm*	No. of side sumps**	Power 80 t/h, kW
7130	6480	2	7,5
8020	6980	2	7,5
8910	7480	3	9,2
9800	7980	3	9,2
10700	8480	3	9,2
11590	8980	3	11
12480	9480	4	11

**From centre silo to centre outlet.

**Max distance c/c side sumps = 1800 mm, side sump to wall = 600 mm.

