



SOBY.COM
TRUSTED SINCE 1961



SØBY
ST152-ST254
Trough auger
conveyors

SØBY trough augers are an economical and reliable solution for conveying grain and other free-flowing materials horizontally.



Trough auger conveyors

Galvanized with interchangeable divided intermediate bearings. Complete with gear, motor and end bearing.

Scope of application

SØBY trough augers are used for conveying grain and other free-flowing materials horizontally.

Basic machine

SØBY trough augers consist of the following basic components:

Ex. ST152 4 m:

- Motor bracket with gear
- Motor
- End bearing
- Inlet Ø150
- 2 m trough complete with Ø150 outlet
- 2 m extension with cover and self-lubricating intermediate bearing

Capacities

Dry and cleaned grain 0,75 t/m³

	t/h	rpm
Gear		
ST152	20-25	400
ST205	35-40	280
ST254	60	280

Motor requirements

Length in m	ST152	ST205	ST254
0-4	1,5 kW	1,5 kW	3,0 kW
6-8	1,5 kW	2,2 kW	4,0 kW
10-12	2,2 kW	3,0/4,0 kW	5,5/7,5 kW
14-16	3,0/4,0 kW	4,0/5,5T kW	7,5/11,0T kW
18-20	4,0/5,5T kW	5,5T kW	11,0T kW
22	5,5T kW	7,5T kW	11,0T kW

Motor type

- ST152: B14, 2800 rpm
- ST205: B14, 2800 rpm
- ST254: B5, 2800 rpm



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