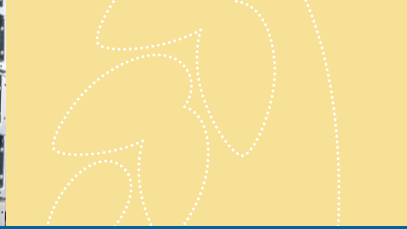




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SØBY

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

## Accessories

- Extra in/outlet
- Intermediate outlet, manually or electrically operated
- Overflow sensor/cleaning hatch

## Motor type

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

## Capacities

Dry and cleaned grain 0,75 t/m<sup>3</sup>

Table 1		
	t/h	rpm
Gear		
ST152	20-25	400
ST205	35-40	280
ST254	60	280

## Motor requirements

Table 2			
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



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