



# MAFA Trough Auger

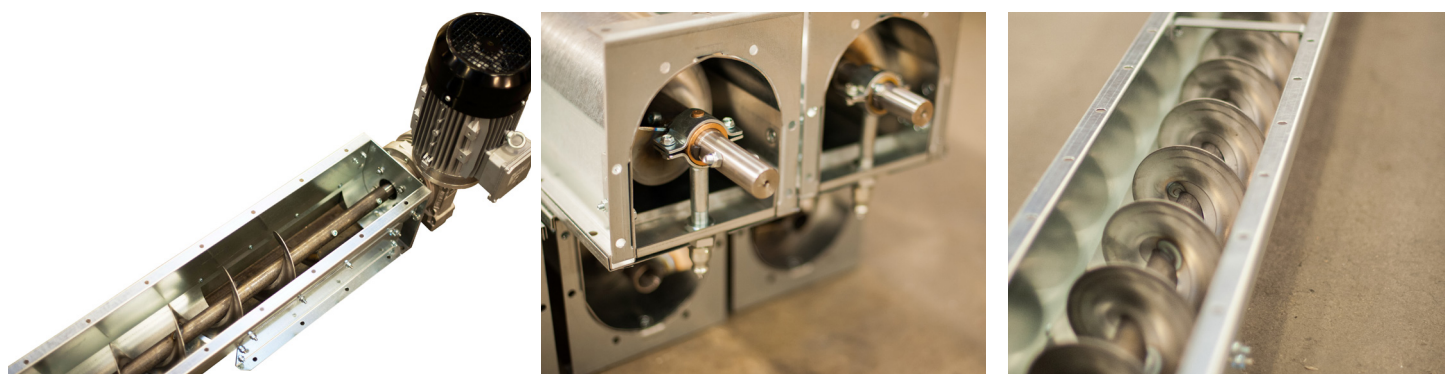
AGRICULTURE

**MAFA Trough Auger** is an excellent choice for horizontal and inclined transport of dry materials such as grain, feed pellets, feed flour and soy flour. The enclosed trough auger is almost dust-free, very quiet and can withstand running empty. Trough Auger provides the possibility of high capacity, which is regulated by choosing the motor and size of the auger. Extensions are available in lengths of 0.5 m, 1.0 m and 2.0 m. The maximum transport length with U-152 is 20 meters with one motor and 40 meters with a motor at both ends. U-205 can be offered up to 24 meters length and U-254 up to 22 meters in length.

The drive is normally located at the outlet end and is delivered as standard with a worm gear motor. The motor can be connected for reversible operation, which enables the transport of material in different directions. U-205 and U-254 are intended for horizontal transport, while U-152 can also be used in slight inclination if necessary. Maximum incline is 30 °. U-152 is delivered with a drive unit, a 400 x 150 mm outlet, auger extensions with lids and a lubricable bronze bearing as intermediate bearing and end plate with ball bearing. The U-205/U-254 is delivered with a drive unit, a ball bearing mounted to the end plate, auger extensions with lids and intermediate bearings of the POM Delrin type, one round 200 mm outlet for U-205 and a square Q24 for U-254.

## Accessories

Various inlets, inlet funnels, intermediate outlets, damper functions and outlet connections.



## Technical information 152 mm

Indicative capacity ton / h at a density of 700 kg / m<sup>3</sup>

Inclination	Pitch spiral	Capacity ton / hour at a density of 700 kg / m <sup>3</sup>		
Gear motor speed		187 rpm	280 rpm**	400 rpm
0°	standard	12,1	18,1	25,9
30°	standard	9,2	13,8	19,7

\*\* Standard worm gear motor

## Technical information 205 mm / 254 mm

Indicative capacity ton / h with reduced inlet at a density of 750 kg / m<sup>3</sup>

Inclination	Pitch spiral	Capacity ton / hour with reduced inlet at a density of 750 kg / m <sup>3</sup> for well-cleaned dry grain
Gear motor speed		280 rpm**
<b>205 mm</b>		
0°	reduced	35-40 ton/h
<b>254 mm</b>		
0°	reduced	60 ton/h

\*\* Standard worm gear motor