

MAIZE SHELLER MR 20

GENERAL

Brand	Cimbria
Designation	Maize sheller
Model	MR 20
Use	Industry



The Maize sheller is specially designed for gentle shelling of husked ear seed corn.

Trough the inlet hole the husked ears come into the Sheller case. The machine must be uniformly and fully loaded to prevent unshelled cobs from being discharged from the machine.

The gentle shelling is accomplished by the pressure provided by the rotor moving the ear corn against itself and the smooth round ribs.

A spring-controlled variable pressure retaining flap serves to adjust the counter pressure to the outflow allowing the rotor to maintain an acceptable level of ear corn to assure uniform complete and gentle shelling.

The machine's capacity depends on the consistence and the sort of the product and the disjoining-quality (higher quality of feeded good → low capacity). Therefore, the manufacturer is only able to correlate the capacity to the amount of a specific product (heavy grain) being fed to the machine.

On request the machine can be combined with a Delta cleaner 191 (flat bed screen cleaner), for the removal of oversize cobs from shelled corn.

Technical data

Capacity	
Husked ear seed corn	20 t/h
Total electrical	
Power consumption	22 kW
Air volume	
Air requirement	10 m ³ /min
Weight	
Net	860 kg
Dimensions	
Length	2 570 mm
Width	1 280 mm
Height	750 mm

Technical data can vary for certain of the above due to continued development or a different machine composition.