

ERDWICH  
SINGLE-SHAFT-SHREDDER

M800/1-1400  
M800/1-1700  
M800/1-2000



### Advantages and special features

## ERDWICH M800/1

#### ■ Cutting rotor:

| Single placed knife discs enable an individual assembly on the cutting rotor. So the flow of materials in the cutting unit is perfectly adapted to customer's requirements.

#### ■ Knife geometry:

| via special pressure angle of knives perfect pulling-in and best shredding results also at low number of revolutions. Further the knife carrier can be assembled with different cutting inserts.

#### ■ Press in device:

| Hydraulic press-in device for optimum feeding of shredding material into rotor.

#### ■ Control system:

| Via smart control with PLC control for protection of machine against damage at overload or massive parts.

#### ■ Stator carrier:

| The innovation is the relocation of the stator carrier. This can be pivoted automatically for extraneous materials. Consequently extraneous material up to the size of a football can be ejected. Therefore a manual intervention is no longer necessary as for the already existing technology. For ejection of extraneous materials there are different possible solutions. This is planned according to customer's specification.

#### ■ Machine frame:

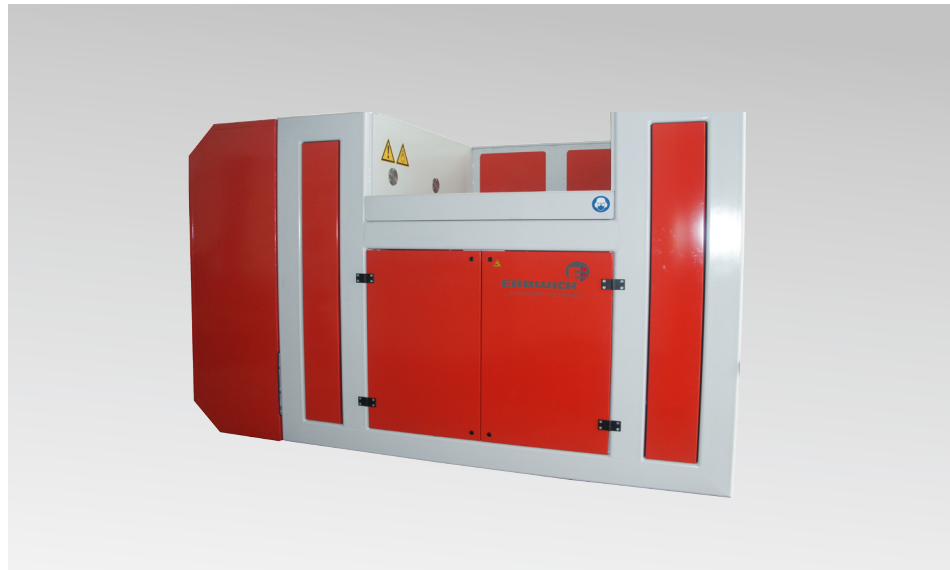
| Heavy massive design of machine frame rotor and stator carrier are moved via a swivel shaft.

#### ■ Drive:

| Mechanical drive with safety coupling. Variable rotational speed of rotor enables different applications.

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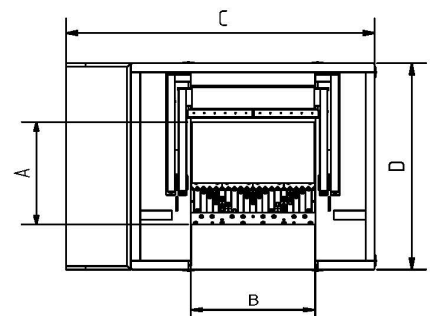
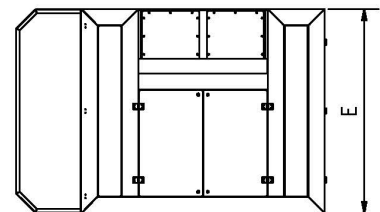
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Technical Data

Type	Amount of stator knives	Drive-Power	Cutting unit size (LxW mm)	Weight in kg	Diameter of punched sieve (mm)	Width of rotor knife* (mm)
M800/1-1400	1	55/75/90 kW	1370x1400	10.500	30 - 60	50x50x25
M800/1-1700	1	55/75/90 kW	1710x1400	12.500	30 - 60	50x50x25
M800/1-2000	1	2x45/2x55 kW	2050x1400	16.000	30 - 60	50x50x25

Dimensions:				
	Dimension	M800/1-1400	M800/1-1700	M800/1-2000
Cutting unit length A	mm	1400	1400	1400
Cutting unit width B	mm	1370	1710	2050
Total width C	mm	3400	3740	4750
Total length D	mm	2275	2275	2275
Total height E	mm	2250	2250	2250



Subject to technical changes.