SHREDDER CERON TYPE 308

Applications

The shredders of the CERON series process waste wood, logs, roots, green waste, biowaste, garbage, bulky and industrial waste, mixed construction waste and much more. The CERON shredders are suitable for all task in the areas of mechanical-biological recycling, biomass, surrogate fuels, and demolition of disposal sites.

DIMENSIONS	
Chassis	Static
Total weight (kg)	38000-45000
Length (mm)	7425
Width (mm)	3072
Height (mm)	3045
Transport width (mm)	3072
Transport height (mm)	3045
Transport length (mm)	7425

DRIVE	
Engine type	AC Motor
Motor power (kW / PS)	315 / 428
Installed power (kW)	350, depending on the equipment
Torque (Nm)	2000
Energy efficiency	IE3
Engine type 2	AC Motor
Motor power (kW / PS)	450 / 611
Torque (Nm)	2900

INFEED HOPPER	
Loading width (mm)	3640
Loading height (mm)	3930 depending on steel framework

ROLLER	
Number of rollers	1
Roller Length (mm)	3000
Roller Diameter (mm)	800 / 1000
Roller Speed (min-1)	13-15, depending on the equipment
Number of roller teeth	depending on the equipment

Advantages

- New drive technology with rotary current motor and frequency converter.
- Driven by robust straight bevel gear pair and belt drive. Several gear reductions available, easy change of the motor belt pulley.
- Very good speed-torque behaviour, because the torque is increased under load and in case of speed drop (comparable with a Vario gearbox from the Inventhor series).
- Modular design of the machine making more equipment variants available. Shredding systems M, L and XL.
- Service and maintenance-friendly thanks to the comb flap gate enabling a direct access to the shredding tools. The shredding roller can be driven in inching operation thus facilitating the tool change.
- Robust frame design, weight depending on the equipment up to 45 tons.
- Even suited for very dusty environments because the rotary current motor is resistant to dust.
- Automatic reversing of the shredding roller in case of overload. The machine reverses automatically and then changes to forward running again.