



mobile high-speed shredder MRS 1.53

The Pronar MRS 1.53 mobile high-speed shredder is a machine whose key element is the rotor rotating at a speed of up to 1000 rpm. In the standard version, 36 swinging, easily replaceable hammers adapted to the material being processed are mounted on it. The machine prepared in this way is great for wood-based materials or green waste. In the RDF specification, the standard shaft is replaced with a drum with bolted, fixed knives, making it a mobile mill. In this configuration, the Pronar MRS 1.53 shredder is able to grind the material used later as an alternative fuel. In both versions, screens that determine the final size of the processed material can be installed in front of the shaft. The optional magnetic separator allows the removal of ferromagnetic elements from the final stream that were not separated during the first stage shredding.

KEY FEATURES & BENEFITS

- | possibility of fraction size adjustment using screens
- | drive anti-overload system
- | easy knife replacement system
- | easy access to the shredding chamber thanks to the low opening feeder
- | possibility of installing a special RDF shaft

APPLICATION

- | wooden pallets
- | shrubs
- | branches
- | wood-based materials
- | green waste
- | compost



TECHNICAL DATA

MRS 1.53

Dimensions (length/width/height) [mm]	11750/2537/3640
Weight [kg]	~27000*
Number of shafts	1
Shafts length [mm]	1750
Loading height [mm]	2400
Working chamber dimensions (length/width) [mm]	3670/2200
Hopper capacity [m ³]	n/a
Engine	Volvo Penta 12.8l, 405 kW, Stage V/Tier 4 Final

* Weight depends on the specification of the individual piece and may be higher

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