

MRW 2.85 / 2.85g / 2.85h / 2.1010

MOBILE SLOW-SPEED SHREDDERS



Pronar mobile slow-speed shredders are designed for primary shredding different types of materials.

Machines can be used for shredding municipal green, industrial, construction waste, pallets, tree cutting residues, tree stumps, bulky and oversized materials, light scrap.

Working element consists of two synchronised shredding shafts placed in the working chamber. Working elements are manufactured from wear-resistant materials, which ensures longlife and failure-free operating.

Depending on the chassis type, the shredders can be moved around area at any moment without the use of towing vehicles(tracked chassis) or towed on roads up to 100km/h (wheeled chassis).



Conveyor belt speed rate adjustment



Machine operating mode indicator - for status check and security warnings



Central control panel with touchscreen



Working chamber made of wear-resistant materials which significantly increase lifetime of the machine

Remote control for basic machine operating functions



Hydraulic support legs ensures stability of machine



Hydraulic tipping chute allows to feed over-sized material into working chamber



European road homologatin for transport up to 100km/h



Central lubrication system ensures good greasing of most importants parts of the machine



Cleanfix systems automatically clean engine and oil hydraulics radiators





MRW 2.1010 - wood



MRW 2.85 - green waste



MRW 2.1010 - municipal waste

Magnetic separator for extraction of ferromagnetic materials.



Ball coupling enables repositioning of the shredder using construction machinery.



Working area additional lights increase safety near the machine



Different types of **shredding shafts** available





MRW 2.1010 - Car bodies



2.85h – municipal waste



MRW 2.85he – municipal waste

MRW 2.85h - carried by hooklift frame carriers



MRW 2.85h - drag wheel for moving on working place



MRW 2.85 SELF CRAWLER - self-propelled system



Inspection windows of the working chamber for easy cleanout and maintenance





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CHASSIS:	MRW 2.85
Weight [kg]	~ 24000
Dimension (length/width/height) [mm]	8850x2550x4000
Tyre dimensions	435/50 R19,5 (160J)
Number of axles	3
Max axle load [kg]	9000
Front support legs – mechanical [pcs.]	1
Rear support legs – hydraulic [pcs.]	2
Drawbar eye diameter [mm]	50
Drawbar height from ground (adjustable) [mm]	950 (± 110)

TRACKED CHASSIS	MRW 2.85g	MRW 2.1010
Total weight [kg]	~26380	~40000
Dimension (length/width/height) [mm]	7800/2550/3200	9500/3000/3200
Number of speeds	2	2
Remote Control	radio	radio
Approach angle (front/rear) [°]	20 / 15	21 / 14

HOOKLIFT CHASSIS	MRW 2.85h
Total weight [kg]	~21500
Dimension (length/width/height) [mm]	7370/2550/2700
Number of wheels	2
Hooklift standard	DIN 30722-1
Remote Control	radio



MRW 2.85- Saw cuts

SHREDDING SYSTEM	MRW 2.85	MRW 2.85g	MRW 2.85h	MRW 2.1010
Dimension of working shafts (length/diameter) [mm]	1700 / 685	1700 / 685	1700 / 685	2440 / 850
Number of shafts [Pcs.]	2	2	2	2
Working chamber dimension (length/width) [mm]	3220	3030	2480	3230
Loading height [mm]	od 2450 do 3200			
Hopper capacity [m³]	~ 3,0	~ 3,0	~ 3,0	~ 4,5
Transport belt width [mm]	1400	1400	1400	1400

ADDITIONAL EQUIPMENT:	MRW 2.85	MRW 2.85g	MRW 2.85h	MRW 2.1010
Bar between shafts	+	+	+	+
Magnetic separator	+	+	+	+
Ball coupling	+	n.a	+	n.a
Drawbar eye: ø57 (Swedish standard)	+	n.a	+	n.a
Lighting of working areas	+	+	+	+
Road lighting adapter 15 pin - 2x7 pin (std 15 pin - 15 pin)	+	n.a	n.a	n.a
Shafts according to customer requirements	+	+	+	+

DRIVE:	MRW 2.85	MRW 2.85g	MRW 2.85h	MRW 2.1010
Diesel engine	Caterpillar (EU Stage V, Tier 4 Final), 9.3B I – 310 kW (416 HP)	Caterpillar (EU Stage V, Tier 4 Final), 9.3B I – 310 kW (416 HP) Caterpillar (EU Stage 3A, 9 I – 310 kW (416 HP)	Caterpillar (EU Stage V, Tier 4 Final), 9.3B I – 310 kW (416 HP)	Volvo Penta (EU Stage V, Tier 4 Final), 16.1 I – 585 kW (796 HP) Volvo Penta (EU Stage 2, 16.1 I – 565 kW (768 HP)
Electric engine (shafts + hydraulics)	–	–	ABB 250 kW (340 HP) + 22 kW (30 HP)	–
Fuel tank capacity [l]	700	700	700	1200
Cleanfix system for engine cooling system	+	+	+	+
Cleanfix system for hydraulic oil cooler	+	+	+	+
Lighting for engine area	+	+	+	+



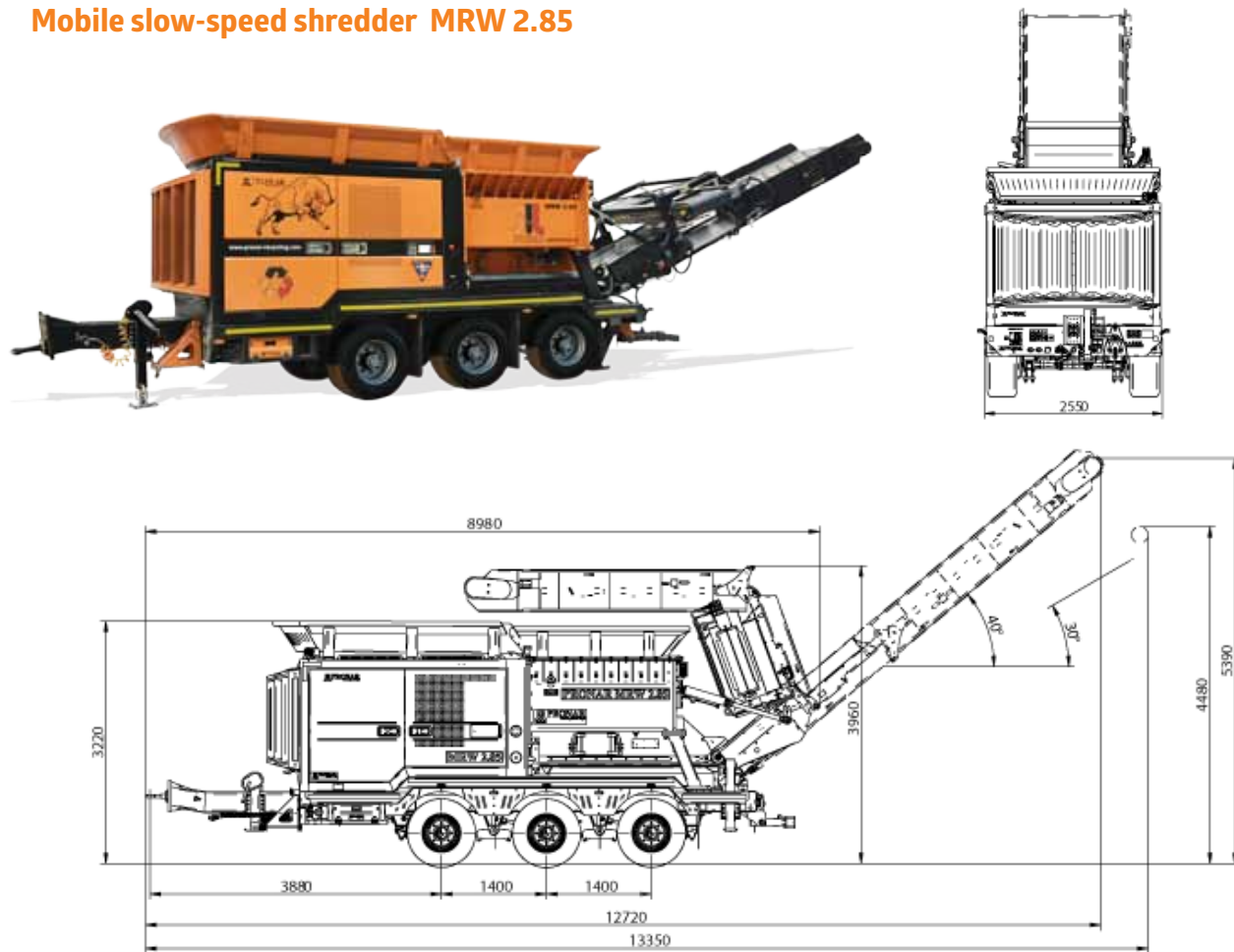
MRW 2.1010 - Wood

- Advantages:**
- * Processing of a wide range of materials
 - * Easy service thanks to easy access to engine area
 - * Remote control as a standard
 - * Shredding chamber inspection doors on both sides
 - * User-friendly control panel
 - * Shaft automatic self-cleaning system
 - * Cleanfix sytem for engine radiator and hydraulic oil cooler
 - * High efficiency
 - * Shredding chamber made from top -quality materials

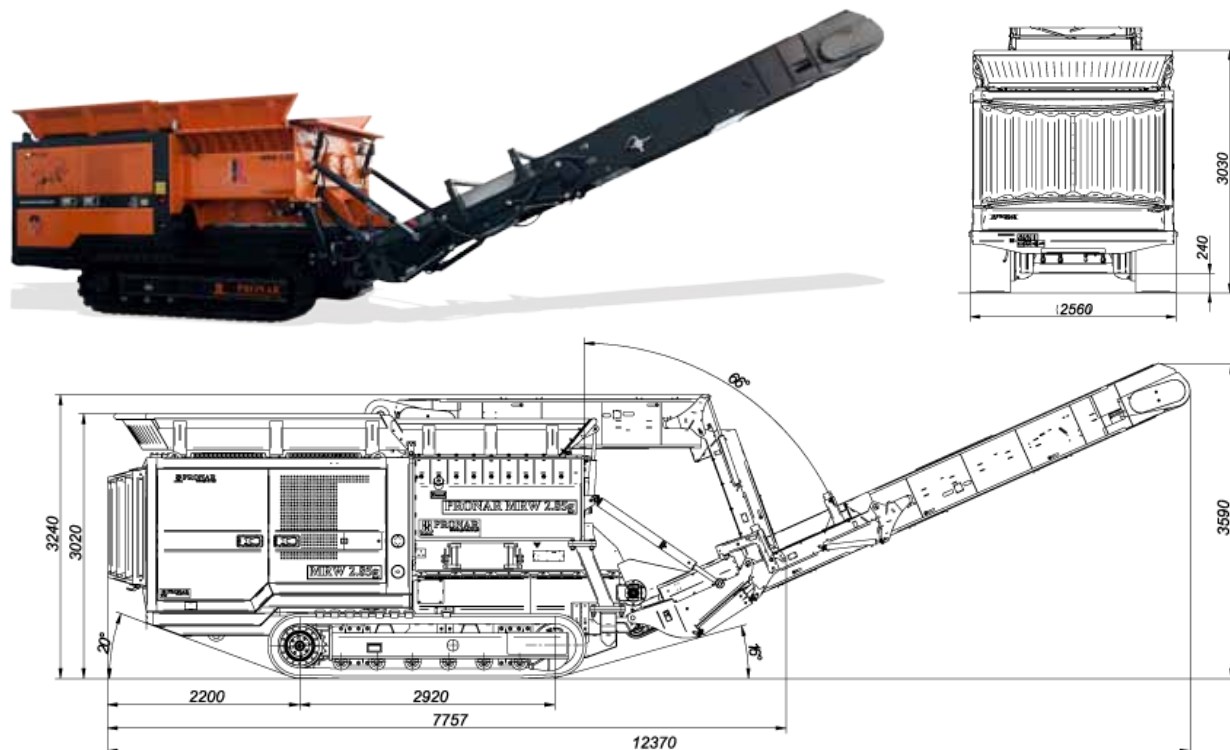
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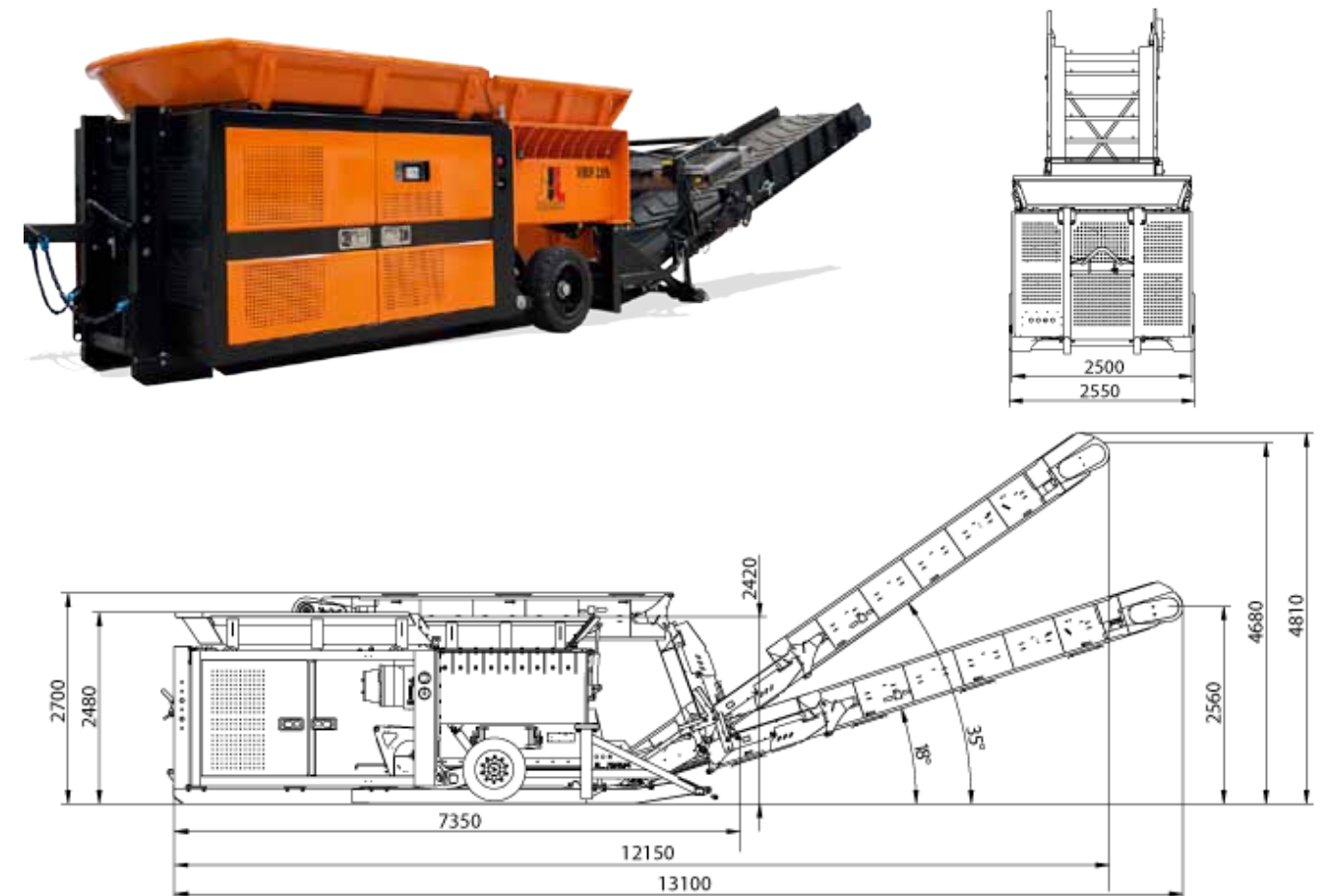
Mobile slow-speed shredder MRW 2.85



Mobile slow-speed shredder on tracked chassis MRW2.85g



Mobile slow-speed shredder on hooklift chassis MRW 2.85h



Mobile slow-speed shredder on tracked chassis MRW 2.1010

