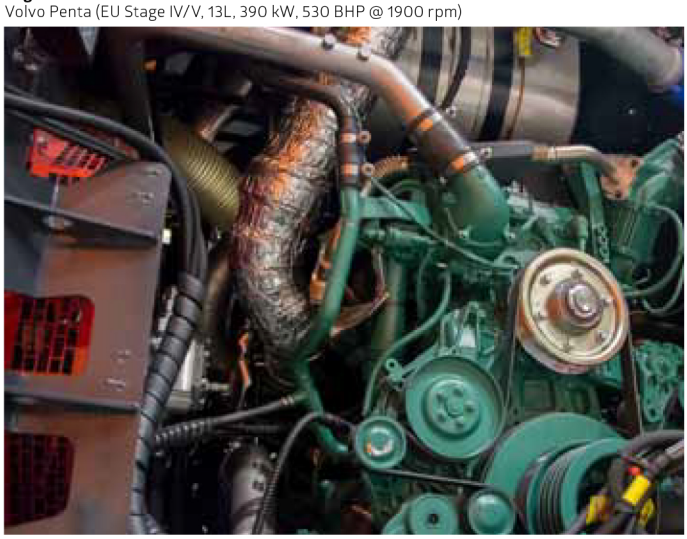
Pronar presented new high-speed shredder MRW 1.53. It is a great addition to the recycling line-up as a single-shaft machine. This shredder is designed to prepare compost, shred wood and green waste. The working shaft can be configured with different types of knives.

Magnetic separator
Use of neodymium magnet ensures effective separation of ferromagnetic material.

Engine
Volvo Penta (EU Stage IV/V, 13L, 390 kW, 530 BHP @ 1900 rpm)



Sieve
The size of the obtained fraction is regulated by an exchangeable sieve placed under the grinding shaft. Innovative water cutting technology maintains the most important material properties during processing.

Shredding shaft
Equipped with 36 knives, it rotates at 1000 rpm. Designed to work with pallets, green and wood waste

Reversible radiator
Keeps engine and hydraulic oil coolers clean in dusty environment.

Self-crawler
The machine can perform basic maneuvers without the need for additional equipment.

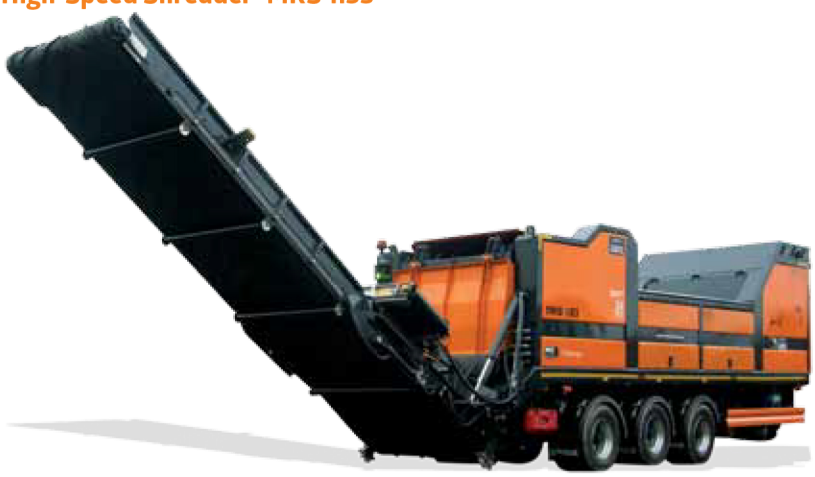
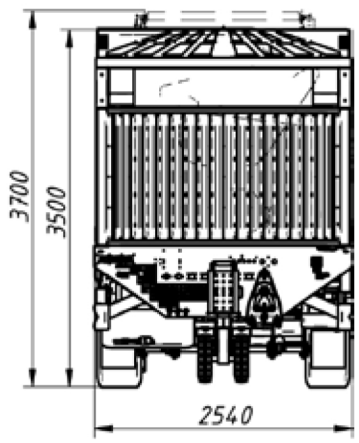
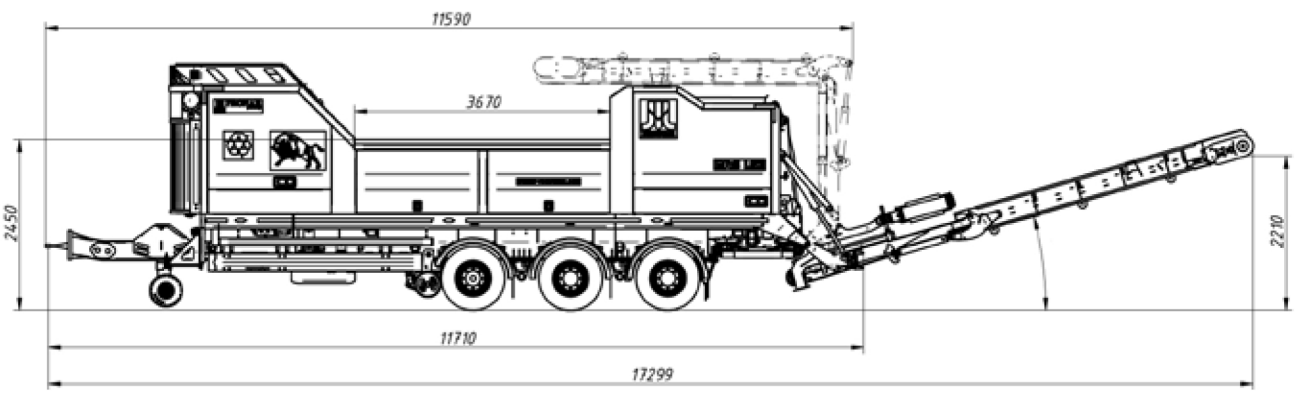
Central lubrication system
Provides automatic lubrication of all key machine components.

HREE-AXLE CHASSIS	MRS 1.53
Total weight [kg]	~ 24 000
Dimensions [length/width/height] [mm]	12000 x 2550 x 3750
WORKING PARAMETERS	**MRS 1.53**
Number of shafts [Pcs.]	1
Shredding shaft dimensions (length/diameter] [mm]	1750 / 1100
Rotation speed [rpm]	1000
Loading height [mm]	2450
Working chamber dimensions (length/width) [mm]	3650 / 2200
DIESEL ENGINE	**MRS 1.53**
Engines	Volvo Penta (EU Stage 4, 13 L, -MAX: 389.81 kW (530 HP) / 1900 rpm)

Features and Standard equipment:

- easy sieve exchange
- easy knives replacement
- hydraulic front supporting leg
- automatic cleaning system of engine cooler - Cleanfix
- central lubrication system
- wireless remote control
- large spacious doors with easy access to
- engine and hydraulics
- engine compartment lighting
- stepless conveyor speed regulation
- demountable lighting beam
- ABS and traction control (permissible speed) up to 100 km / h)
- fuel tank with a capacity of 700l

Additional and optional equipment:

- magnetic separator above the rear conveyor (overband) lowered / raised mechanically
- together with the conveyor
- ball coupling for towing
- lighting of work zones
- working knives for various materials

Mobile High-Speed Shredder MRS 1.53