



RSX 2300

Rotary shear

Versatile equipment | Robust and reliable | Clean and uniform cut

RSX 2300 - ROTARY SHEAR

+ MTB shears are **maintenance-friendly** shredders, featuring innovative technology. With an **interchangeable cutting table**, the RSX 2300 significantly reduces maintenance downtime. These machines offer **unrivalled performance**, and **profitability**.

- Features**
- Wide hopper
 - 2 rotors
 - High-speed reduction
 - Up to **35 T/h**

Application specialities



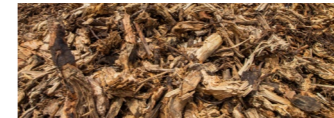
Bulky waste



CIW



C&D



Biomass wood



Aluminum profiles

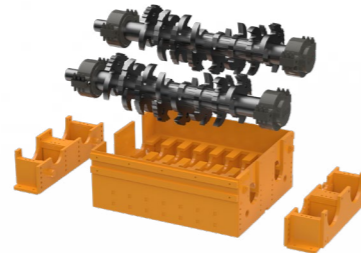


Baled materials

ROTOR

The rotor (designed and manufactured by MTB) has been engineered for optimum grinding quality and durability.

- ↳ Spherical roller bearings
- ↳ Offset system to prevent bearing contamination
- ↳ Tooth shape for precise shredding
- ↳ Customizable rotor design
- ↳ Hardox 500 cutting table and teeth



+ RSX 2300 is delivered with its 20' **POWER BOX** including an electrical cabinet and a cooling unit in a 20' air-conditioned container.



SYNCHRONOUS MOTOR

Synchronous motors offer high performance and energy efficiency.

- ↳ Variable frequency synchronous motors
- ↳ Maximum torque even at low speeds
- ↳ Energy consumption reduced by up to 75% compared with hydraulic motors and 10-15% compared with electric asynchronous motors

EASIER MAINTENANCE

Equipment maintenance is simplified and optimized for quick access and efficient servicing.

- ↳ Quick access to the cutting chamber via an unloading hatch
- ↳ Access flaps operated by a hydraulic system
- ↳ Individual replacement of rotors or entire cutting chamber
- ↳ Interchangeable and re-weldable cutting table
- ↳ Integrated automatic lubrication



TECHNICAL DATA

Machine dimensions

| Power | Weight | Thermal power for cooling | Rotor diameter | Number of teeth | Rotation speed | Length | Height | Depth |
|--------------------------|--------|---------------------------|-------------------|-----------------|----------------|-------------------|-------------------|-------------------|
| 2 x 176 kW 2 x 236 Hp | 35 t | 40 kW 53 hP | 900 mm 35 inch | 8 per shaft | 0 - 50 RPM | 6.5 m 255 inch | 5.2 m 204 inch | 3.3 m 118 inch |

CUSTOMER SUPPORT

INSTALLATION - MTB SERVICE

Our specialized technicians are experts in the installation and repair of our equipment, ensuring rapid and efficient service anywhere in the world.

CUSTOMER SERVICE

We are at your side to advise, troubleshoot and supply spare parts at short notice.

TRAINING AND COACHING

Our experts will train you prior to commissioning the machines, providing you with the keys to success.

MYMTB

Our application enables you to achieve greater efficiency by giving real-time production data, tracking history and much more.

ECO-DESIGN SUPPORT

Our eco-innovation team, the R&D unit, supports manufacturers in their circular economy initiatives.



Visit our website

www.mtb.fr



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