EN

EKOMAXX 800

Construction Waste	Commercial Waste	Rubber and Waste Tires	Trunk Wood and Roots	Biomass and Wood	Paper and Cardboard
ø 120 – 150 t/h	ø 12 – 25 t/h	ø 7 – 15 t/h	ø 15 – 35 t/h	ø 20 – 50 t/h	ø 15 – 30 t/h

The ARJES EKOMAXX 800 stands for high flexibility and strong performance in mobile waste processing. As a powerful two-shaft shredder in the ARJES intermediate class, the machine reliably processes a wide variety of materials such as wood and commercial waste, mixed construction waste and other demanding material streams. An energy-efficient 250 kW diesel engine ensures high throughput in daily operation.

The ARJES quick-change system also allows fast shaft changes to adapt to different material and operation conditions. Its robust design, well-thought-out operating concept and optional tilting hopper ensure efficient feeding and economical continuous operation. This makes the EKOMAXX 800 particularly well suited for composting facilities, wood processing plants and recycling operations.

Flexibility and performance for demanding recycling applications

- **250 kW diesel engine**
  Powerful shredding for a wide range of applications
- **Standard crawler track system**
  Maximum mobility for flexible job sites
- **Mechanically adjustable side combs**
  Adjustment of throughput and final grain size
- **Quick shaft change system**
  Minimal changeover and maintenance effort
- **Intuitive SCU control system**
  Predefined programs for adjusting shaft operation

Technical Data

DIMENSIONS

Length	9,900 mm / 8,100 mm (Transport)
Width	2,450 mm / 2,450 mm (Transport)
Height	4,000 mm / 3,100 mm (Transport)
Weight	21,000 kg
Discharge height	3,300 mm

DRIVE

Engine type	Diesel
Manufacturer	Volvo TAD 884 VE (EU/US) Volvo TAD 853 VE (ROW)*
Perfomance	250 kW (EU/US) 235 kW (ROW)*
Emission standard	Stage V (EU) EPA Tier IV (US) Stage III A (ROW)*
Fuel capacity	400 l

SHREDDING UNIT

Hopper volume	3.4 m^3 / 4.5 m^3 (incl. tilting hopper)
Shaft length	2,000 mm
Shaft diameter	680 mm
Weight	3,500 kg/cassette
Rotation speed	42 rpm

*Rest of the World (Country-specific requirements)

More information about the machine

AI-generated machine image, Subject to technical changes and printing errors. **Status: October 2026**

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ARJES
Recycling Innovation