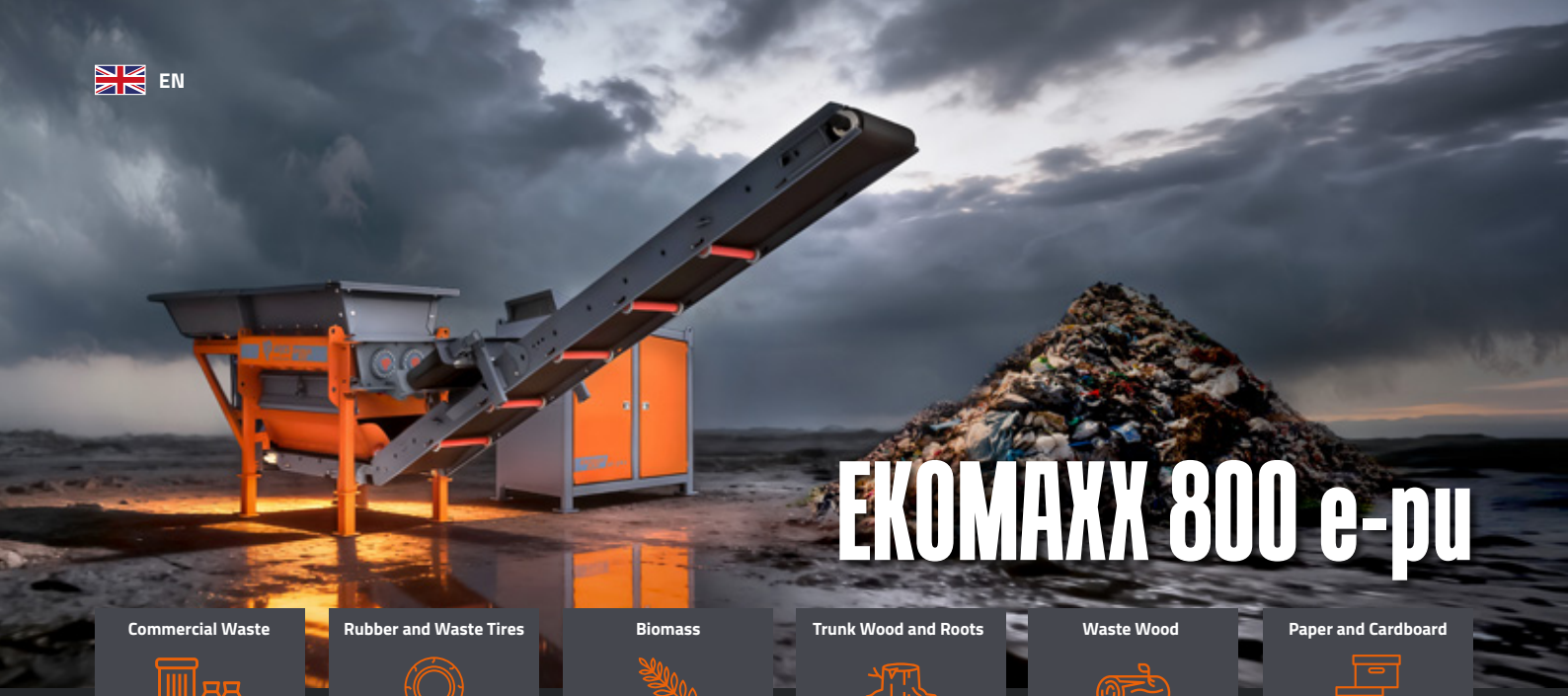
EN



EKOMAXX 800 e-pu

Commercial Waste	Rubber and Waste Tires	Biomass	Trunk Wood and Roots	Waste Wood	Paper and Cardboard
ø 12 – 25 t/h	ø 7 – 15 t/h	ø 35 – 80 t/h	ø 15 – 35 t/h	ø 20 – 50 t/h	ø 15 – 30 t/h

The ARJES EKOMAXX 800 e-pu is a stationary two-shaft shredder in the ARJES intermediate class, designed for energy-efficient pre-shredding of a wide variety of materials. Equipped with a 250 kW electric motor, the machine delivers high energy efficiency, low operating costs and strong throughput performance. Typical input materials include commercial and bulky waste, biomass and waste wood, green waste, rubber and end-of-life tires, as well as paper and cardboard.

A hydraulically adjustable tilting hopper, mechanically adjustable side combs and the ARJES quick-change system for shafts enable flexible adaptation to different material streams and desired final particle sizes. The EKOMAXX 800 e-pu can be operated as a standalone machine or easily integrated into existing recycling plants.

Electric pre-shredding for cost-efficient recycling processes

- **250 kW electric drive**
  Energy-efficient and low-emission shredding
- **Stationary design**
  Integration into existing plants or as stand-alone machine
- **Mechanically adjustable side combs**
  Adjustment of throughput and final grain size
- **Hydraulically adjustable tilting hopper**
  Optimised feeding and high material intake
- **Separate drive and control unit**
  Reduces vibrations and contamination

Technical Data

DIMENSIONS SHREDDING UNIT

Length	5,300 mm / 11,100 mm (incl. discharge belt)
Width	2,300 mm
Height	3,000 mm / 4,300 mm (incl. discharge belt)
Weight	16,000 kg (incl. discharge belt)
Discharge height	4,250 mm

DIMENSIONS CONTROL UNIT

Length	2,700 mm
Width	1,600 mm
Height	2,700 mm
Weight	4,500 kg

DRIVE

Engine type	Electric
Manufacturer	Weg
Perfomance	250 kW

SHREDDING UNIT

Hopper volume	4.0 m^3
Shaft length	2,000 mm
Shaft diameter	680 mm
Weight	3,500 kg/cassette
Rotation speed	42 rpm

More information about the machine

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

ARJES GmbH | Borntalstraße 9 | 36460 Krayenberggemeinde (Merkers) | www.arjes.de

ARJES
Recycling Innovation