EN

TITAN 900 e-pu / d-pu

Commercial Waste	Rubber and Waste Tires	CFRP / GFRP Waste	Waste Wood	Wooden Railway Sleepers	Aluminium
ø 25 – 50 t/h	ø 13 – 25 t/h	ø 15 – 30 t/h	ø 50 – 100 t/h	ø 25 – 50 t/h	ø 15 – 30 t/h

The ARJES TITAN 900 e-pu/d-pu is one of the most powerful stationary shredding systems in the ARJES product portfolio. Designed specifically for industrial recycling facilities with high material throughput requirements, the machine delivers outstanding performance in demanding applications. Powered by either two 250 kW electric motors or alternatively a 405 kW diesel engine, the shredder achieves maximum throughput rates when processing challenging materials such as commercial and industrial waste, aluminum, CFRP and GFRP waste, rubber and end-of-life tires.

Thanks to its separate shredding and control unit, the machine can be flexibly integrated into existing recycling plants or operated as a standalone pre-shredding solution. The TITAN 900 e-pu/d-pu therefore provides a powerful and reliable solution for operators of stationary recycling plants who require maximum efficiency and robust technology.

Maximum performance for industrial recycling processes

- **500 kW electric / 405 kW diesel drive**
  Maximum shredding performance for various materials
- **Stationary design**
  Integration into existing plants or as stand-alone machine
- **Hydraulically adjustable side combs**
  Adjustment of throughput and final grain size
- **Quick shaft change system**
  Minimal changeover and maintenance effort
- **Separate drive and control unit**
  Reduces vibrations and contamination

Technical Data

DIMENSIONS SHREDDING UNIT

Length	4,700 mm / optional belt length
Width	3,000 mm
Height	3,100 mm / 4,300 mm (incl. hopper elevation)
Weight	19,000 kg (incl. discharge belt)
Discharge height	2,450 mm / 3,450 mm / 4,670 mm

DIMENSIONS CONTROL UNIT

Length	3,500 mm
Width	2,300 mm
Height	2,700 mm
Weight	7,000 kg

DRIVE

Engine type	Electric	Diesel
Manufacturer	Weg	Volvo TAD 1385 VE
Perfomance	2 x 250 kW	405 kW

SHREDDING UNIT

Hopper volume	5.0 m³	
Shaft length	2,500 mm	
Shaft diameter	860 mm	
Weight	7,600 kg/cassette	
Rotation speed	15 – 45 rpm	45 rpm

More information about the machine

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

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Recycling Innovation