

Primary shredder Model 5 is designed for shredding various wood waste (humid and dry wood, tree roots, wood pallets), cable reels, railway sleepers, concrete, asphalt. This shredder is equipped with a lifting hook system, which increases its mobility.



APPLICATIONS:

- Mixed waste
- Old and used wood
- Tree roots
- Cable reels and wood pallets
- Railway sleepers and telephone poles
- Rolls of paper
- Household waste
- Industrial waste
- Construction waste
- Concrete

BENEFITS:

- Track system and hook lift
- Mobility and maneuverability
- Emergency stop system
- Remote control
- Three shredding modes (universal, for wood chipping, asynchronous)
- Combs hydraulically assembly
- High durability of wear parts
- Hydraulic discharge conveyor
- Quick and easy replacement of shafts (Quick change system)

THROUGHPUT RATES*:

Construction waste	Ø 80 – 100 t/h
Concrete / Asphalt	Ø 60 – 80 t/h
Waste wood	Ø 10 t/h
Biomass	Ø 20 t/h
Waste & Plastics	Ø 10 – 15 t/h

*Depends on the equipment of the shredder, the shaft configuration and the optimum material feed. The performance data given are average values without guarantee!

Primary shredder Model 5

Engine: VOLVO Penta TAD 581 VE (Euro 5), 129 kW

**Axial piston pump:
2x BOSCH-REXROTH A4VG105EP4D1**

**Gear pump:
1x HYDRECO KG320238**

**Axial piston motor:
2x DANFOSS H1B160**

**Hydraulic valve:
DANFOSS PVG 16**

Gearbox: BONFIGLIOLI (asynchronous)

Controller: Siemens

Hose connections: Hansa-Flex

Track system and hook lift system

Quick change system

Universal shafts (wood, tires, household waste)

Combs with a hydraulic drive

Breaker bar

Hydraulically assembly hopper

Overband magnetic separator

Remote control: Hetronic

