



WOOD CHIPPER
STUMP GRINDERS
WOOD AND GARBAGE
CRUSHERS

HL I 1222
HL II 1417
HL II 1422
HL II 1617
HL II 1622

BIO SHREDDER

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General information Technical Specifications Accessories Videos

Technical Specifications: HL I 1222

Type series:

Type HL I	Drive	Output (KW)
HL I 1222 with sledge undercarriage and hook lift retainer	Turbo-Diesel Cat, Euro III	186
HL I 1222 E/S stationary system with steel supports and switching cabinets at the system	E-Motor	200

Technical Equipment:

- Machine frame:**
 - Welded steel construction on a U-section frame with hook-lift retainer as per DIN 30722
- Crusher:**
 - 1-shaft crusher unit with an adjustable working speed of 20 to 40 rpm.
- Lift axis:**
 - Wheel axis with axle, can be lowered hydraulically
 - without SIVZO
 - operated via remote control
- Hydraulic system:**
 - Hydraulic systems with a tank
 - pumps and motors for each shaft.
 - Tank volume: 190 litres
 - Overload protection and reverse mode
- Hopper chute:**
 - made of highly resilient steel
 - Hopper size: 2,200 x 4,000 mm
- Shaft diameter:**
 - 760 mm
- Cutter unit:**
 - 8 to 16 cutters, with cutter width of 50mm/80mm
 - Shaft diameter: 760 mm
 - Shaft length: 2,260 mm
 - Screwed-on, highly wear and tear resistant shaft wipers and cutters.
- Crushing unit opening:**
 - 1,200 x 2,260 mm, covered by crushing shafts
- Engine:**
 - CAT turbo diesel with an output of P = 186 kW, EURO III
- Diesel tank:**
 - Two tanks, volume: 300 litres
- Drive:**
 - Diesel hydraulic or electro-hydraulic with automatic configurable reverse mode.
 - The slowly rotating engine can be driven at a system pressure of 400 bar, thus transmitting a torque of 90,000 Nm to 130,000 Nm
- Performance control:**
 - The controlled hydraulic system prevents reversing too early and optimises throughput.
- Service monitoring:**
 - Malfunction and servicing messages are shown by warning lights.
 1. Conveyor belt monitoring
 2. Oil temperature
 3. Cooling water temperature
 4. level display cooling water circuit, oil circuit
 - If there is no response to the malfunction message, the machine automatically switches
- Oil tank heater:**
 - At negative temperatures, the oil tank heater can be switched on using mains current.
- Discharging transport belt:**
 - Permanently mounted with transversely stable conveyor belt
 - Belt width: 1,200 mm
 - Ejection height: approx 3,000 mm
 - Retractable for transport, belt speed can be adjusted smoothly
- Dimensions:**
 - See set-up plan and scope of delivery
 - Total length: approx 10,600 mm
 - Width: 2,340 mm
 - Height: approx 2,630 mm
 - Infeed height: 2,650 mm
- Weight:**
 - Own weight, approx. 16,000 kg, depending on equipment
- Paint:**
 - Special paint – all RAL colours - (standard RAL 5010)

