

INSPECTION REPORT

HAMM HD+ 110i

The HAMM HD+ 110i is a high-performance vibrating roller known for its durability and efficiency. Equally suitable for road construction and other projects, it features a robust Deutz engine (TCD 3.6 L4) delivering 85kW. The machine comes with a 1.68m drum width and meets Tier 4i emission standards, ensuring environmentally friendly operation. Key features include both drum vibration, variable compaction frequency, an EROPS cabin, and a reliable water sprinkler system. The HD+ 110i is equipped with advanced controls such as a moveable seat, frequency meter, and speed meter, enhancing operator comfort and precision. With air conditioning, safety alarms, and a clean, well-maintained condition, this machine is a top-tier choice for heavy-duty applications.



Specifications

Year	2016
Hours	2123
Weight	10.090 kg
Serial number	H2090375
Reference	214043

Features

Engine brand	Deutz
Engine model	TCD 3.6 L4
Engine power in kW	85kW
Emission level	Tier 4i
CE	✓

Documents

CE document	CE document available
Parts book	✓
Operation manual	✓

General Appearance

Stamped serial number checked	Yes
Serial number plate checked	Yes
Paint	★★★★★
Decals	★★★★★
Bonnet	★★★★★
Engine cover doors	★★★★★
Chassis	★★★★★
Steps/ladders	★★★★★
Cabin	★★★★★

Engine Details And Condition

Air cleaner	Clean
Anti-freeze level °C	-25°C
Diesel anti-freeze added	Yes
Diesel level ok	Yes
Cooling liquid level ok	Yes
Engine oil level ok	Yes
Exhaust manifold	★★★★★
Muffler	★★★★★
Exhaust stack	★★★★★
Hoses	★★★★★
Good cold start	Yes
Engine power	★★★★★
Blow by	★★★★★
Knocking	No
Compression in the radiator	No
Water in the oil	No
Oil in the water	No
Smoke	Normal
Engine leaks	No
Belts and pulleys	★★★★★
Fan	★★★★★
Radiator	★★★★★

Safety Items

Backup alarm	Working
Seat belt	Available
Horn	Working
Parking brake	Working

Operator Station

Hourmeter	Working
Heater	Working
Gauges	Working
Switches	★★★★★
Display	★★★★★
Warning	No Warnings Available
Mirrors	Not broken
Cabin glass	Not broken
Windshield wipers	Working
Interior lights	Working
Cabin floor	★★★★★
Interior roof	★★★★★
Seat	★★★★★

Front Drum

Vibratory system	★★★★★
Drum surface	★★★★★
Rubber mounts	★★★★★
Drum scrapers	★★★★★
Travel motors	★★★★★
Oil level left final drive ok	Yes
Left final drive leaking	No
Oil level right final drive ok	Yes
Right final drive leaking	No
Vibration	High and low vibration frequency working
Drum measured in mm	22mm

Rear Drum

Vibratory system	★★★★★
Drum surface	★★★★★
Rubber mounts	★★★★★
Drum scrapers	★★★★★
Travel motors	★★★★★
Oil level left final drive ok	Yes
Left final drive leaking	No
Oil level right final drive ok	Yes
Right final drive leaking	No
Vibration	High and low vibration frequency working
Drum measured in mm	22mm

Steering

Articulate cylinder leaking	No
Play articulate cylinder	★★★★★
Play articulating point	★★★★★
Steering cylinders leaking	No
Play steering cylinders	★★★★★

Hydraulics

Hydraulic oil level ok		Yes
Hydraulic lines and fittings	★★★★★	
Hydraulic tank/sight glass and cap	★★★★★	
Noise hydraulic pump normal		Yes
Operating condition hydraulics	★★★★★	

Electrical, Starting And Charging System

Alternator functioning		Yes
Wiring	★★★★★	
Batteries	★★★★★	
Starter	★★★★★	
Cabin lights working		Few lights don't work
Tail lights working		Yes
Additional lights working		Yes



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