SMITMA
HEAVY EQUIPMENT

INSPECTION REPORT

BOMAG BW161AD-5

The Bomag BW161 AD-5 is a premium vibrating roller ideal for construction and roadworks. Powered by a robust 83.5kW Kubota V3800-T engine, this machine ensures high efficiency and reliability with Tier 4 emission compliance. Featuring a 1.66m drum width, dual vibrating drums, EROPS cabin, and a water sprinkler system, it offers superior handling and comfort. Additional features include a moveable seat, backup alarm, and genuine hours. The machine is in excellent condition, reflecting meticulous maintenance and care.



Specifications

Year	2016
Hours	3879
Weight	10370 kg
Serial number	101921401088
Reference	213657

Features

Engine brand	Kubota
Engine model	V3800-T
Engine power in kW	83.5kW
Emission level	TIER4
EPA	✓

Documents

Parts book	✓
Operation manual	✓

General Appearance

Stamped serial number checked	Yes
Paint	★★★★☆
Decals	★★★☆☆
Bonnet	★★★★☆
Chassis	★★★★☆
Steps/ladders	★★★★☆
Cabin	★★★★☆

Engine Details And Condition

Engine number	2EL7164
EPA sticker available	Yes
Air cleaner	Clean
Anti-freeze level °C	-39°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
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	★★★★☆
Vibration	High and low vibration frequency working
Drum measured in mm	12mm

Rear Drum

Vibratory system	★★★★☆
Drum surface	★★★★☆
Rubber mounts	★★★★☆
Drum scrapers	★★★☆☆
Travel motors	★★★★☆
Vibration	High and low vibration frequency working
Drum measured in mm	14mm

Steering

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

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	Few lights don't work
Additional lights working	Few lights don't work

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