

## INSPECTION REPORT

### BOMAG BW161AD-5

The Bomag BW 161AD-5 is a top-of-the-line vibrating roller in excellent and clean condition. Manufactured in 2016, it features a powerful Kubota V3800-T engine delivering 83.5kW. The machine is equipped with an EROPS cabin for operator comfort and safety, water sprinkler system, and drum drive with both drums vibrating. The 1.66m wide drum efficiently compacts surfaces, adhering to the Tier 4 emission standards with EPA and CE certifications. It includes a moveable seat, speed meter, cutting edge, and genuine hour meter, marking 4249 hours. The item's dimensions are 4.90m in length, 1.88m in width, and 3.05m in height, weighing 10370 kg.



## Specifications

Year	2016
Hours	4249
Weight	10370 kg
Serial number	101921401089
Reference	213580

## Features

Engine brand	Kubota
Engine model	V3800-T
Engine power in kW	83.5kW
Emission level	Tier 4
EPA	✓
CE	✓

## Documents

Parts book	✓
Operation manual	✓

## General Appearance

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

## Engine Details And Condition

Engine number	2EL6575
EPA sticker available	Yes
Air cleaner	New
Anti-freeze level °C	-26°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

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
Vibration	High and low vibration frequency working
Drum measured in mm	13mm

## Rear Drum

Vibratory system	★★★★☆
Drum surface	★★★★☆
Rubber mounts	★★★★☆
Drum scrapers	★★★★☆
Travel motors	★★★★☆
Oil level left final drive ok	Yes
Left final drive leaking	No
Vibration	High and low vibration frequency working
Drum measured in mm	12mm

## 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	Yes
Tail lights working	Yes
Additional lights working	Few lights don't work



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