

INSPECTION REPORT

WIRTGEN W100Fi

The Wirtgen W100Fi is a versatile cold milling machine from 2014, featuring a robust Cummins QSL9 300 engine with a power output of 224kW. It complies with both EPA and CE regulations, ensuring environmental responsibility. The machine is designed for efficiency, with a milling drum width of 1200mm and a milling depth up to 320mm. It's equipped with a standard milling drum, a front conveyor belt, and hydraulic lifting side plates for enhanced functionality. The backup alarm adds an extra layer of safety, and the machine is in good and clean condition, having completed 5186 genuine hours of operation.



Specifications

Year	2014
Hours	5186
Weight	19100
Serial number	13100368
Reference	211822

Features

Engine brand	Cummins
Engine model	QSL9 300
Engine power in kW	224kW
EPA	✓
CE	✓
Width of the milling drum	1200mm
Milling depth	320mm
Type of milling drum	Standard milling drum
Conveyor belt	Front conveyor belt
Hydraulic lifting side plates	✓
Backup alarm	✓
Hours	Genuine hours
Overall condition	In good and clean condition.

Documents

Parts book	✓
Operation manual	✓

General Appearance

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

Engine Details And Condition

Engine number	22104088
EPA sticker available	Yes
Air cleaner	Clean
Anti-freeze level °C	-28°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	★★★★★
Engine supports	★★★★★
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	★★★★★

Operator Station

Hourmeter	Working
Gauges	Working
Switches	★★★★★
Display	★★★★★
Mirrors	Not broken
Seat	★★★★★

Power Belt

Power belt	★★★★★
Tensioner	★★★★★
Pulleys	★★★★★

Drum

Toolholders	★★★★★
Picks	★★★★★
Scrapers	★★★★★

Hydraulics

Hydraulic oil level ok	Yes
Hydraulic lines and fittings	★★★★★
Hydraulic tank/sight glass and cap	★★★★★
Hydraulic valves leaking	No
Noise hydraulic pump normal	Yes
Operating condition hydraulics	★★★★★

Electrical, Starting And Charging System

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

Safety Items

Backup alarm	Working
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Undercarriage

Front Left

Overall condition	70%
Chains	70%
Bushings	70%
Sprockets	70%
Idlers	70%
Bottom rollers	70%
Track pads	80%

Rear Left

Overall condition	40%
Chains	50%
Bushings	50%
Sprockets	0%
Idlers	70%
Bottom rollers	40%
Track pads	80%

Rear Right

Overall condition	65%
Chains	70%
Bushings	70%
Sprockets	60%
Idlers	70%
Track pads	70%

Front Right

Chains	80%
Bushings	80%
Sprockets	70%
Idlers	70%
Bottom rollers	70%
Track pads	80%

Conveyor Belt

Small Conveyor

Belt	★★★★☆
Frame	★★★★☆
Rollers	★★★★☆

Large Conveyor

Belt	★★★★☆
Frame	★★★★☆
Rollers	★★★★☆



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