



Inspection Report (Vibratory Compactor)

General Info

Year	2017
Make	Wacker
Model	RTSC3
Serial Number	4630202290
Hour Meter Reading	539.8 Hours
Previous Application (e.g., earth moving, mining, demolition, etc)	Masonry General Construction

Dimensions

Measurement Guide	A technical drawing of a vibratory compactor. It shows the machine from a side-front perspective. Dimension A is the total width of the machine. Dimension B is the width of the rear support frame. Dimension C is the height of the machine. Dimension D is the diameter of the drum. Dimension E is the wheelbase, measured from the center of the rear wheel to the center of the front wheel.
A. Length (ft and inches)	6'1"
B. Width (ft and inches)	2'8"
C. Height (ft and inches)	4'2"
D. Drum Diameter (ft and inches)	20.5"
E. Wheelbase (ft and inches)	3'3" (39.4")
Operational Weight (lbs)	3,295 Lbs.

Features and Configuration

Control Station Type	Canopy
Heat	No
A/C	No
Radio	No
Backup Camera	No
OMM (Operator & Maintenance Manual)	No
Telematics	No
Drum System	Dual Drum
Padfoot Roller?	Yes
Vibration Frequency (Hz)	41 (Hz)
Centrifugal Force - Low/High (lbs)	Low - 15LBF High - 94LBF (Pound Force)
Water Spray System	No

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Exterior 360 Walkaround

Exterior 360 Walkaround

Instructions	<p>Take photos of the exterior of the piece of equipment. Capture a full 360 degree walk around and all major components.</p> <p>Must have shots to capture:</p> <ul style="list-style-type: none"> - Front - 45 degree corner shot of left front - 45 degree corner shot of right front - Left side - Right side - Rear - 45 degree corner shot of left rear - 45 degree corner shot of right rear <p>Tips for good photos:</p> <ul style="list-style-type: none"> - Move the equipment into a open area without any visual distractions or other equipment in the background
Exterior Walkaround Photos	 

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General Appearance Inspection Points

General Appearance

Close-up Exterior Photos





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Body Panels	3 - Normal Wear & Tear
Body Panel Condition	No visible damage, good paint condition and panel fitment
Doors / Canopy Latches	3 - Normal Wear & Tear
Doors / Canopy Latches Condition	No visible damage, Other (see comments)
Comments	Normal wear and tear and scuff marks all around exterior
Steps / Ladders	0
Handrails	0
Glass	0
Mirrors	0
Exterior Lights	0

Control Station Inspection Points

Control Station

Control Station	Take close-up photos of operator control station or cab including the floors, panels, headliner, seat, controls & displays, gauges & meters, and interior lights. Note any damage or wear.
Serial Number Plate Photo	

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Operator Cabin Photos





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Operator Cabin Overall	3 - Normal Wear & Tear
Operator Cabin Overall Condition	Good cabin appearance, solid floors, panels, and ceiling
Operator Seat	0
Cabin Lights	0
Safety Lock Out / Stop	3 - Normal Wear & Tear
Safety Lock Out / Stop Condition	Safety lock out device is present, in good condition, and functional
Controls & Switches	3 - Normal Wear & Tear
Controls & Switches Condition	All switches are installed and functional

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Controls & Switches Photos	
Hour Meter Activity	3 - Normal Wear & Tear
Hour Meter Condition	Hour meter is functional and in good condition
Hour Meter Activity Photos	
Other Gauge Activity	3 - Normal Wear & Tear
Other Gauge Condition	All cockpit gauges are functional and in good condition
Other Gauge Activity Photos	
Heater & A/C	0
Travel Alarm	0
Horn	3 - Normal Wear & Tear

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Horn Condition	Horn is installed and functioning as expected
Backup Camera	0

Engine Inspection Points

Engine

Engine Type (Make, Model, Cylinders, Hp)	KOHLER - KDW1003 - 3Cyl. - 19HP
Emissions Tier	Tier 4F
Engine Serial Number	4630202290
Engine Fuel Type	Diesel
Engine Photos	 

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Blow-by (Visual Observation Check)	No
Unusual Noises (Upon Start-up, Idle, Shutdown)	No
Unusual Noise Notes	No unusual noises heard
Engine Smoke (Upon Start-up, Idle, Shutdown)	No
Engine Smoke Notes	No engine smoke issues observed
Engine Exhaust Color	Clear



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Battery	3 - Normal Wear & Tear
Battery Condition	Clean & dry appearance, tight connections
Radiator	3 - Normal Wear & Tear
Radiator Condition	Radiator fins & components appear to be in good working order, no signs of damage or leaks
Belts	3 - Normal Wear & Tear
Belt Condition	Belts appear in good condition & alignment with proper tension
Hoses	3 - Normal Wear & Tear
Hose Condition	Firm, pliant hoses with no signs of wear or leaks
Water Pump	3 - Normal Wear & Tear
Water Pump Condition	No unusual pump noises heard
Cooling System Leaks	No
Coolant Color / Appearance	3 - Normal Wear & Tear
Coolant Color/Appearance Notes	Normal Translucent appearance, no visual signs of contamination
Oil Leaks	No
Oil Color / Appearance	3 - Normal Wear & Tear
Oil Color / Appearance Notes	Clean oil appearance, no signs of cross contamination, Appropriate oil level
Fuel Leaks	No
Requires DEF (Diesel Exhaust Fluid)	No
Overall Engine Appearance	Clean & dry
Overall Engine Comments	Engine and engine compartment in clean shape. Engine runs well and sounds healthy under load and at idle. No active leaks observed.

Drivetrain Inspection Points

Drivetrain

Drivetrain	Take close-up photos of the drivetrain components including transmission housing, drive shaft, drive motors, fittings, and hoses. Note any damage or wear.
Drivetrain Photos	

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Hydrostatic Transmission?	Yes
2 Speed?	No
Hydrostatic Drive Configuration	Split Transmission
Drive Motors	2 - Above Average Wear
Hydrostatic Parking Brake	3 - Normal Wear & Tear
Hydrostatic Parking Brake Condition	Good brake function
Overall Drivetrain Comments	Machine travels normally in forward and reverse. Unit steering well.

Chassis Inspection Points

Frame	3 - Normal Wear & Tear
Level Stance	3 - Normal Wear & Tear
Drum(s) Condition	3 - Normal Wear & Tear
Vibratory Rubber Mounts (Front & Rear)	3 - Normal Wear & Tear
Drum Scraper	3 - Normal Wear & Tear
Padfoot Feet Condition	3 - Normal Wear & Tear
Padfoot Fitment	3 - Normal Wear & Tear
Padfoot Hardware	3 - Normal Wear & Tear
Overall Chassis	3 - Normal Wear & Tear
Overall Chassis Comments	Machines frame and overall structure solid with no issues seen.

Hydraulics Overall Inspection Points

Hydraulics Overall

Hydraulic System	Take close-up photos of the hydraulic components including the pump, lines, fittings, controls, and levers. Note any damage, wear, or leaks.
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Hydraulic System Photos





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Wet or Damp Hydraulic Lines / Fittings	No
Appearance of Hydraulic Lines / Fittings	3 - Normal Wear & Tear
Hydraulic Lines / Fittings Condition	Hydraulic lines & fittings are clean and in good condition
Unusual Noises (Hydraulic Pump)	No
Hydraulic Pump Notes	No unusual noises heard during operation
Comments	Hydraulics have good appearance with no active leaks observed during operation.

Hydraulics Cylinders Inspection Points

Steering Cylinders	Check the steering cylinder. Note any wear, pitting, discoloration, etc. Take photos.
Steering Cylinders: Mounting Pin	3
Steering Cylinders: Oil Leaks	Yes
Comments	Signs of minor seepage buildup seen at rod seal
Steering Cylinders Photos	



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Functional Test

Forward & Reverse	3 - Normal, Operating as Expected
Steering	3 - Normal, Operating as Expected
Vibratory System	3 - Normal, Operating as Expected
Front Drum	3 - Normal, Operating as Expected
Rear Drum	3 - Normal, Operating as Expected
Overall Functional Test Comments	Machine is functioning normal with no operational issues observed.
Operating Video	Click to Download

Overall Assessment

Overall Assessment

Exterior Rating	3 - Normal Wear & Tear
Interior Rating	3 - Normal Wear & Tear
Safety Rating	3 - Normal Wear & Tear
Quality Rating	3 - Normal Wear & Tear
Functionality Rating	3 - Normal, Operating as Expected
Overall Rating	3 - Normal Wear & Tear
What's Great About the Machine	Machine has low hours and main core items operating great. No active leaks seen and machine has plenty of life left.
What Needs Work	Cosmetic scuff marks observed all around. Steer cylinder may need to be resealed soon.
Date/Time	02-17-2023