

Location: Boom and Bucket

**TRUCK AND EQUIPMENT CONSULTING LLC – MULTI PURPOSE COMPACTOR  
CHECKLIST (REQUIRED)**

Date  
(Y/M/D) 6/27/2023

Inspector  
Initials R.Y.

(Basic Information)	
(Manufacturer)	Bomag
(Model Number)	BMP8500
(Serial Number)	101720135738
(Year of Manufacturing)	2021
(Hour Meter Reading)	247.8 Hrs
(Engine)	Kubota D1005-EF06 I3 19.4 Hp 1.0L Diesel
(Vibratory Drive System)	Dual Drum
(Drive)	Hydrostatic 2 Spd
(Weights)	Op Weight =3516 lbs / Axles =1758 lb

- A (Near to Brand New or Excellent Condition)  
 B (A little Wear and Good Condition)  
 C (Fair Workable Condition for Hour Meter Reading)  
 D (Workable but minor repair is required)  
 E (Workable but major repair is required)

Specification and Dimensions	
Serial Plate/Frame Inscription	101720135738
Travel	Hydrostatic Front and Rear
EPA Certificate / Permits Posted	Tier 4 – 2020
Drum Width / Diameter	Front + Rear Drums 24 in – 33 in
Wireless Start	Yes Wireless Start
Remote Control Type	Wireless
Steering	Hydrostatic Articulated Steering
Drum Surface	Sheeps foot type
Drive Speed	2600 rpm
Other	Drum Extensions, 2 scrapers per drum, Ecomode
Vibratory Frequency+Force	2520 vpm / 16,186 – 8093 lbs

		(Check List)					(Remarks)
		A	B	C	D	E	
GENERAL APPEARANCE	(General Appearance-Front)	X					Good appearance Front panels, panel gaps, front drum No wear issues
	(General Appearance-Rear)	X					Good appearance Rear panels, panel gaps, rear drum No wear issues
	(General Appearance-Right )	X					Good appearance Right panels, panel gaps, right side of drums
	(General Appearance-Left )	X					Good appearance Left panels, panel gaps, left sides of drums
	(General Appearance-Upper )	X					Good appearance upper surfaces, upper panels, No damage or wear issues
	(Major / Minor Surface Rust)	X					A couple small spots of surface rust on paint chips Minimal cosmetic
	(Body Panel Rust Damage / Cancer)	X					No rust damage No panel damages
	(Visible Weld Repairs / Stress Cracks)	X					No visible weld repairs or patches No stress cracks seen
	(Front Drum Surface Appearance)	X					Front drum surface Good appearance No dings No bent edges No issues
	(Rear Drum Surface Appearance)	X					Rear drum surface Good appearance No dings No bent edges No issues
OPERATOR'S COCKPIT	(Operator Station)						N/A
	(Operator Controls and Switches)	X					Wireless Remote Control Good appearance No wear issues
	(Hour Meter Activity)	X					Working
	(Other Gauge Activity)	X					Good display Clear and Sharp
	(Compartment Latches)	X					Good latches No issues
	(Safety – Horn / First Aid Kit)						N/A
	(Remote Control Y / N)	X					Good Remote Response Start, Stop, Forward, Reverse travel response
ENGINE	(Steering Function)	X					Good Crab Steer and Steering Control via Remote Good response
	(Oil Color / Fluid Appearance / Particulates or Granuales)	X					Good appearance No unusual odors Clean appearance
	(Noise Upon Startup / Noise Upon Idle / Noise Upon Shut Down)	X					Easy Start (by remote) Smooth + Steady Idle
	(Engine Exhaust Color – White / Blue / Black / Clear)	X					Clear and Clear at Operating Temp
	(Oil Leaks )	X					No leaks seen
	(Engine Smoke Upon Startup / Upon Idle / Upon Shut Down)	X					No smoke issues
	(Coolant Color / Fluid Appearance )	X					Good appearance
	(Water Pump Noises / Damp Hoses / Coolant Leaks)	X					No leaks seen
	(Coolant Leaks from Radiator)	X					No leaks seen
	(Overall Engine Appearance Clean / Wet / Dry)	X					Clean and Dry Engine appearance
HYDRAULICS OVERALL	(Other)	X					Good Engine Compartment No rust or seepages seen
	(Overall appearance of Hydraulic lines/fittings – worn/cracked)	X					Good appearance of hydraulics No wear issues No discolorations
	(Hydraulic Pump Sounds / Noises)	X					No unusual noises
	(Wet or Damp hydraulic lines and fittings / fluid leaks)	X					Dry appearance
	(External Controls / Levers Condition)	X					Good appearance
(Hydraulics Service Records / Maintenance History)	X					not provided	

ELECTRICAL	(Starting System)		X				East Startup by remote	
	(Reverse Alarm / Backup Signal)						N/A	
	(Battery Condition)		X				Battery Good appearance	
	(Other)		X				Fuse Panel Clean Good appearance	
B R A K E S	(Foot Brake)		X				Good brake function	
	(Inching Brake Functional & Working Condition)		X				Good function	
	(Parking Brake)						N/A	
	(Other Remarks)							
TRANSMISSION	(Clutch Noise / Function)		X				Good Forward and Revese Travel No unusual noises or delays	
	(Transmission Noise / Function)		X				Good Response	
	(Shift Lever Condition & Function)		X				Remote Working for travel both directions	
	( Other Remarks)							
HYDRAULICS CYLINDERS	(Drive)	(Oil Leak from Cylinder)	X				No leaks from drive hydraulics Clean and Dry	
		(Mounting Pin Condition)	X				Good appearance No stains or discoloration	
	(Brakes)	(Oil Leak from Cylinder)	X				No leaks from hydraulics Clean and Dry	
		(Mounting Pin Condition)	X				Good appearance No stains or discoloration	
	(Steering)	(Oil Leak from Cylinder)	X				No leaks	
		(Mounting Pin Condition)	X				Good appearance No stains or discoloration	
		(Other Remarks)						
C H A S S I S & COMPONENT	(FRONT Drum Bearing Noise / Vibration )		X				No squeaking or unusual noises Good Vibratory Performance	
	(REAR Drum Bearing Noise / Vibration)		X				No squeaking or unusual noises Good Vibratory Performance	
	(Level stance and alignment)		X				Level Stance Both Drums Even	
	(FRONT DRUM High + Low Speed)		X				Front Drum Good speed Hi+Low	
	(REAR DRUM High + Low Speed)		X				Rear Drum Good speed Hi+Low	
	(TRAVEL FORWARD + REVERSE Control)		X				Good Travel No delays or stalling	
	(Drum Function)	(FRONT DRUM)		X				Right Front Drum+Inner Hub =B
				X				Left Front Drum+Outer Hub =B
		(REAR DRUM)		X				Right Rear Drum+Inner Hub =B
			X				Left Rear Drum+Outer Hub =B	
(Drum Frame Condition)		X				Good Surfaces Both drums No damage no chips seen		
VIBRATORY PERFORMANCE	Material Type		X				Dirt	
	Time / Duration		X				Approx 1 – 2 minutes	
	Length of surface		X				15 Ft	
	Other		X				Good performance and function	

OVERALL EXTERIOR RATING:   B        QUALITY:   B/B+    
 WIRELSS REMOTE RATING:   B/B+        SAFETY:   B/B+    
 OVERALL PERFORMANCE:   B/B+        FUNCTIONALITY:   B/B+    
**OVERALL GRADE EVALUATION: B / B+**  
 FLUID SAMPLE REQUEST (Y/N)   n   OIL   n   COOLANT   n  

**TRANSPORT DIMENSIONS:**

Length: 74.7 inch  
 Width: 33.5 inch  
 Height: 50.2 inch  
 Weight: 3494 lbs

\*A:Remaining Ratio      90% or more  
 \*B:Remaining Ratio      70% or more  
 \*C:Remaining Ratio      50% or more  
 \*D:Remaining Ratio      20% or more  
 \*E:Remaining Ratio      20% or less