

Inspection Report (Excavator)

General Info

B&B Stock Number	A2195138
Year	2018
Make	Komatsu
Model	PC 78us-10
Serial Number	KMTPC258HJA035012
Hour Meter Reading	2328.6
Previous Application (e.g., earth moving, mining, demolition, etc)	Earth moving

Dimensions

A. Length (ft and inches)	22'
B. Width (ft and inches)	7' 7.5"
C. Height (ft and inches)	9' 7"
Operational Weight (lbs)	17,813

Features and Configuration

Control Station Type	Cab
Travel System	Track Undercarriage
Bucket	Yes
Bucket Specs	24"
Blade	Yes
Additional Attachment(s)	No
Hydraulic Coupler	No
Auxiliary Hydraulics	Yes
Hydraulic Thumb	No
Heat	Yes
A/C	Yes
Radio	Yes
Backup Camera	Yes
Grade Control System	No
OMM (Operator & Maintenance Manual)	No
Telematics	No

Exterior Walkaround Photos

360 Walkaround & Operating Video

Walkaround Photos & Operating Video











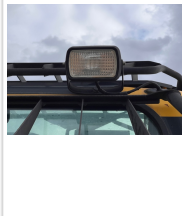
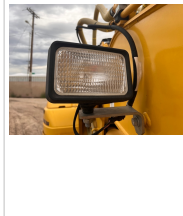

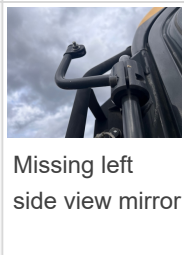
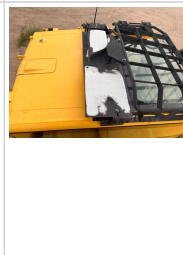
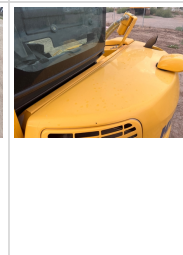
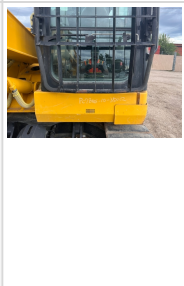
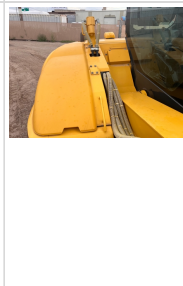
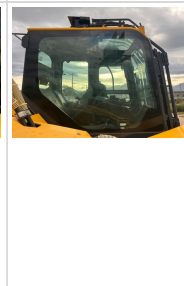
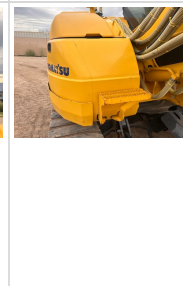
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Exterior Walkaround Photos					
					
Operating Video	Click to Download				






General Appearance Inspection Points

General Appearance

General Appearance Photos

Close-up Exterior Photos					
					
				Rear view camera	Rear view mirror
Missing left side view mirror			Sunroof guard		Front windshield guard
					Scratches and dents to right side for machine

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	Scratches to rear of counter weight				

General Appearance Inspection Points


























Inspection Rating Criteria	Rating Scale	Explanation
	1 - Service Required	Requires immediate repairs to function as expected.
	2 - Above Average Wear & Tear	Exhibits greater wear than expected given age and usage. While operable, further diagnosis may be needed.
	3 - Normal Wear & Tear	Exhibits wear that is consistent with age and usage. Operation is normal, and as expected.
	4 - Very Light or Minimal Wear	Exhibits very minimal wear. Operation is better than expected given age and usage.
	5 - Like New, Recently Replaced	Excellent condition, free of visible wear or damage. Operation is within factory specifications.
Body Panels	2 - Above Average Wear & Tear	
Body Panel Condition	Visible chipped paint or dents, Areas of surface rust observed	
Comments	Scratches and dents	
Doors / Canopy Latches	3 - Normal Wear & Tear	
Doors / Canopy Latches Condition	No visible damage	
Steps / Ladders	3 - Normal Wear & Tear	
Steps / Ladders Condition	Steps/ladders are fully intact and appear structurally sound	
Handrails	3 - Normal Wear & Tear	
Handrails Condition	Handrails are fully intact and appear structurally sound	
Glass	3 - Normal Wear & Tear	
Glass Condition	Glass intact, no visible damage	
Mirrors	1 - Service Required	
Mirror Condition	One or more mirrors are broken or missing	
Comments	Rear spot mirror broken and left side mirror missing	
Exterior Lights	3 - Normal Wear & Tear	
Exterior Lights Condition	No visible damage, lighting system is operational	
Overall Exterior	3 - Normal Wear & Tear	
Comments	Exterior has normal wear and tear. Missing or damaged mirrors	

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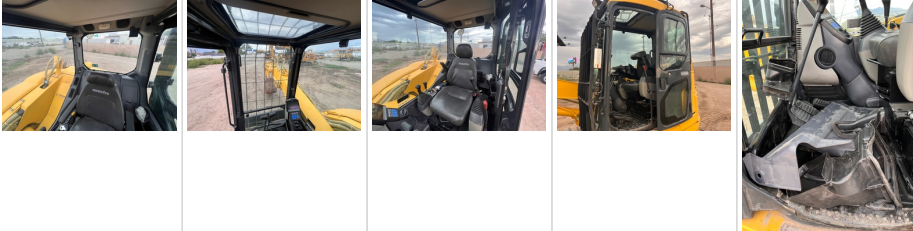


Control Station Inspection Points

Control Station

Control Station Photos

Control Station Photos					 <p>Seatbelt switch wiring ripped out from connector</p>
	 <p>Mounting hardware, panels and air ducting removed from behind seat</p>				
					
					
				 <p>Panel loose/missing fasteners</p>	

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	 <p data-bbox="1283 611 1414 741">Panels and ducting that have been removed</p>
Serial Number Plate	
Hour Meter/Odometer	
Seat	1 - Service Required
Seat Condition	Seat(s) in good condition, no stains or tears in upholstery, Seat belt secures properly, Other (see comments), Seat adjustment controls move through full range of travel
Comments	Seat belt switch wiring ripped from connection
Cabin Lights	3 - Normal Wear & Tear
Cabin Lights Condition	Cabin lights are installed with all light covers in place, bulbs are installed and working properly
Safety Lock Out / Stop	3 - Normal Wear & Tear
Safety Lock Out / Stop Condition	Safety lock out device is present, in good condition, and functional

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Controls & Switches	3 - Normal Wear & Tear
Controls & Switches Condition	All switches are installed and functional
Hour Meter Activity	3 - Normal Wear & Tear
Hour Meter Condition	Hour meter is functional and in good condition
Other Gauge Activity	3 - Normal Wear & Tear
Other Gauge Condition	All cockpit gauges are functional and in good condition
Heater & A/C	1 - Service Required
Heater & A/C Condition	Other (see comments)
Comments	Rear cab a/c ducting removed
Travel Alarm	3 - Normal Wear & Tear
Travel Alarm Condition	Travel alarm is installed and functioning as expected
Horn	3 - Normal Wear & Tear
Horn Condition	Horn is installed and functioning as expected
Backup Camera	3 - Normal Wear & Tear
Backup Camera Condition	Back up camera is installed and functioning as expected
Control Station Overall Rating	1 - Service Required
Control Station Overall Condition	Minor cosmetic wear to cabin surfaces, floors, panels, and ceiling
Comments	Rear panels removed along with a/c ducting

Engine Inspection Points

Engine

Engine Compartment Photos

Inspection Report (Excavator)

Engine Data Plate	 <p>EMISSION CONTROL INFORMATION This engine complies with U.S. EPA and California Regulations for 2018 nonroad diesel engines. This engine is certified to operate on ultra low sulfur fuel only. WARNING Injury may result and warranty is voided if fuel rate, rpm or altitudes exceed published maximum values for this model and application</p> <p>Engine Model SAA4D95LE-6-C ESN 727033 EPA Cert. Family JKLXL03.3JDB European Approval No. e11197/68PA12012/4642754102 Gross rated HP/kw 68 / 51 at 1950rpm Low idle RPM 1175 RPM Displacement 3.261Liters Firing order 1-2-4-3 Power category 375kW/56 Fuel rate at rated HP/kw 59 mm³/st Valve lash cold (mm) In: 0.35mm Ex: 0.50mm Timing-TDC ----deg. BTDC Engine Code 4C13 Emission Control System:EM, TC, CAC, EGR, ECM, OC, DFI Date of manufacture 20180912 Komatsu Ltd. Made in Japan 6275-81-2520</p> <p>平成26年規制適合 GS-2025</p>
Engine Compartment Photos	
	
	
	
Engine Type (Make, Model, Cylinders, Hp)	Komatsu, SAA4D95LE6, 59 hp
Emissions Tier	Tier 4F
Engine Serial Number	727033
Engine Fuel Type	Diesel

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Blow-by (Visual Observation Check)	No
Unusual Noises (Upon Start-up, Idle, Shutdown)	No
Engine Smoke (Upon Start-up, Idle, Shutdown)	No
Engine Exhaust Color	Clear
Battery	3 - Normal Wear & Tear
Battery Condition	Dusty & dirty appearance
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 Appearance	2 - Above Average Wear & Tear
Coolant Appearance Notes	Other (see comments)
Comments	Low coolant level
Oil Leaks	No
Oil Appearance	3 - Normal Wear & Tear
Oil Appearance Notes	Clean oil appearance, no signs of cross contamination
Fuel Leaks	No
Equipped with DPF (Diesel Particulate Filter)	Yes
DPF Condition	3 - Normal Wear & Tear
DPF Condition Notes	Filter housing is intact with no signs of damage or malfunction, DPF indicator is not illuminated
Requires DEF (Diesel Exhaust Fluid)	No
Overall Engine Rating	3 - Normal Wear & Tear
Overall Engine Appearance	Clean & dry
Overall Engine Comments	Engine compartment has normal wear and tear. Low coolant level

Drivetrain Inspection Points







Drivetrain

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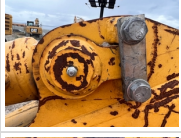




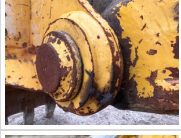

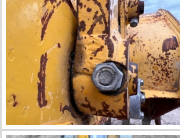

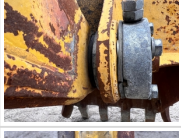


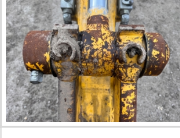

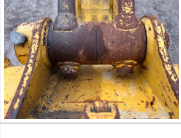


Drivetrain Inspection Points

Drivetrain Photos	
	
Hydrostatic Transmission?	Yes
2 Speed?	No
Hydrostatic Drive Configuration	Other (see comments)
Comments	Drive motors
Transmission Components	0
Drive Motors	3 - Normal Wear & Tear
Parking Brake	0
Overall Drivetrain Comments	Drivetrain components have normal wear and tear. No major issues to report

Chassis Inspection Points

Chassis Photos	
	
	
	
	
	

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Boom Condition	3 - Normal Wear & Tear				
Stick Condition	3 - Normal Wear & Tear				
Boom Base Pin & Bushings	3 - Normal Wear & Tear				
Boom to Stick Pin & Bushings	3 - Normal Wear & Tear				
Stick to Bucket Pin & Bushings	3 - Normal Wear & Tear				
Turntable Bearing	3 - Normal Wear & Tear				
Bottom Covers	3 - Normal Wear & Tear				
Overall Chassis	3 - Normal Wear & Tear				
Overall Chassis Comments	Normal wear and tear. No major issues to report				

Travel System Inspection Points

Track Undercarriage





















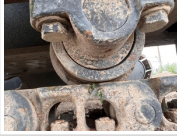










Basic Information

OEM System Configuration (Ex. CAT SystemOne)	Unable to verify
High Drive Configuration	No
Sealed and Lubricated Track Undercarriage (SALT)?	N/A
Oil Filled?	No

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Grease Filled?	Yes
Low Ground Pressure (LGP)?	N/A
Track Shoe Width (inches)	24"
Length of Track on Ground (ft and inches)	7' 4"
Number of Carrier Rollers (per side)	1
Number of Rollers (per side)	5
Number of Shoes (per side)	39

Undercarriage Photos

Undercarriage Photos					
					
					
					
					
					
					

Undercarriage Components

Sprocket Teeth	3 - Normal Wear & Tear
Track Bushings	3 - Normal Wear & Tear
Track Frames	3 - Normal Wear & Tear
Pivot Shafts	0

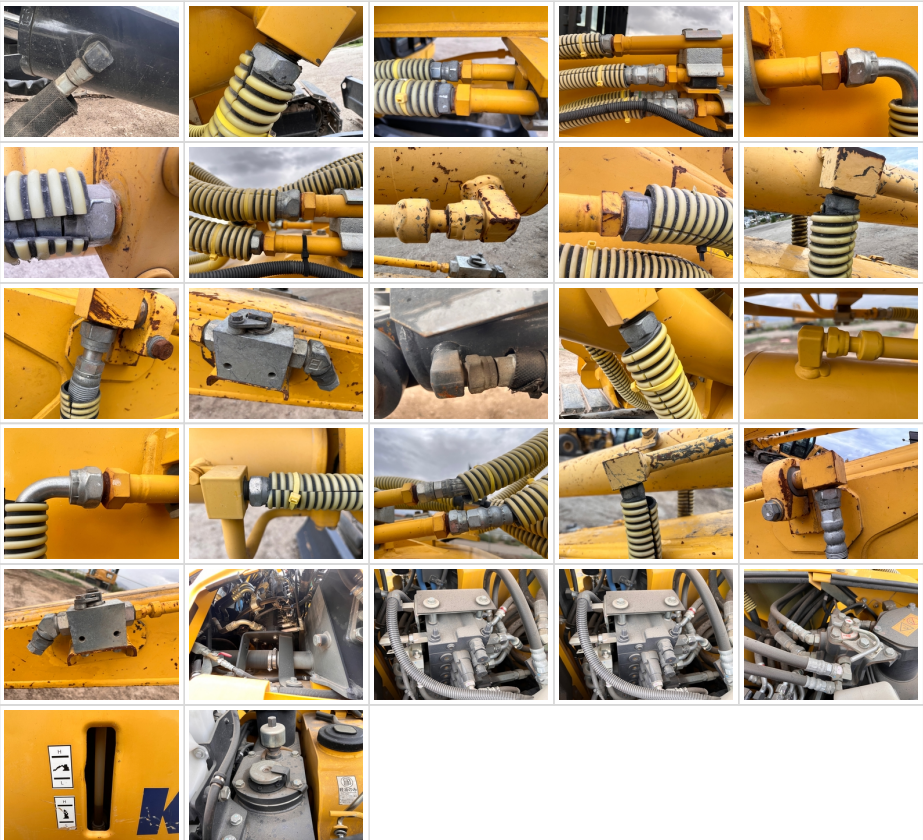
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Equalizer Bar & Joints	0
Front Idler	3 - Normal Wear & Tear
Track Tensioner	3 - Normal Wear & Tear
Track links	3 - Normal Wear & Tear
Bottom Rollers	3 - Normal Wear & Tear
Carrier Rollers	3 - Normal Wear & Tear
Overall Undercarriage	3 - Normal Wear & Tear
Overall Percent Estimate	50%
Overall Undercarriage Comments	Normal wear and tear. No major issues to report

Hydraulics Overall Inspection Points

Hydraulics Overall


Hydraulic System Inspection Points

Hydraulic System Photos					
Wet or Damp Hydraulic Lines / Fittings	No				
Hydraulic Lines/Fittings	3 - Normal Wear & Tear				
Hydraulic Lines / Fittings Condition	Hydraulic lines & fittings are clean and in good condition				
Hydraulic Pump(s)	3 - Normal Wear & Tear				
Unusual Noises	No				


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Hydraulic Pump Notes	No unusual noises heard during operation
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Hydraulic Cylinder Inspection Points

Hydraulic Cylinder Photos	
Mounting Pins	3 - Normal Wear & Tear
Cylinder Oil Leaks	No
Comments	Normal wear and tear. No major issues to report

Bucket Inspection Points

Attachment Photos	
Bucket	3 - Normal Wear & Tear
Bucket Teeth	2 - Above Average Wear & Tear
Comments	Worn
Blade	0
Blade Edge	3 - Normal Wear & Tear

Functional Test

Functionality Assessment

Functionality Assessment

Engine	3 - Normal Wear & Tear
Transmission/Drivetrain	3 - Normal Wear & Tear
Travel (Forward/Reverse/Steering)	3 - Normal Wear & Tear
Brakes	3 - Normal Wear & Tear
Hydraulic System	3 - Normal Wear & Tear
Electric Operating System	3 - Normal Wear & Tear

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Controls	3 - Normal Wear & Tear
Safety Systems	3 - Normal Wear & Tear
Core Functions	3 - Normal Wear & Tear
Attachments	2 - Above Average Wear & Tear
Overall Functional Test Comments	Normal wear and tear. No major issues to report

Overall Assessment

Overall Assessment

Inspection Rating Criteria	Rating Scale	Explanation
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	4 - Very Light or Minimal Wear	Exhibits very minimal wear. Operation is better than expected given age and usage.
	5 - Like New, Recently Replaced	Excellent condition, free of visible wear or damage. Operation is within factory specifications.
Exterior Rating	3 - Normal Wear & Tear	
Interior Rating	1 - Service Required	
Safety Rating	1 - Service Required	
Quality Rating	4 - Very Light or Minimal Wear	
Functionality Rating	4 - Very Light or Minimal Wear	
Overall Rating	3 - Normal Wear & Tear	
What's Great About the Machine	-Windshield and sunroof guards. -Rear camera	
What Needs Work	-Cab paneling and ducting removed -Seat belt switch wiring -Missing / damaged mirror	
Date/Time	08-22-2023	
Inspector Name	Javier Bocanegra	