Operation & Maintenance Manual

TEN00065-01

avance LOADER

WA500-3

WHEEL LOADER

SERIAL NUMBERS WA500-52380 and up

WARNING

Unsafe use of this machine may cause serious injury or death. Operators and maintenance personnel must read this manual before operating or maintaining this machine. This manual should be kept near the machine for reference and periodically reviewed by all personnel who will come into contact with it.

NOTICE

Komatsu has Operation & Maintenance Manuals written in some other languages. If a foreign language manual is necessary, contact your local distributor for availability.

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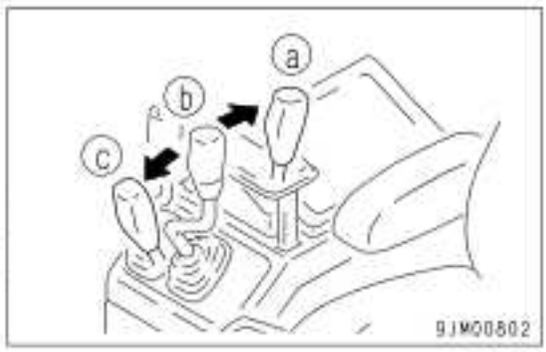
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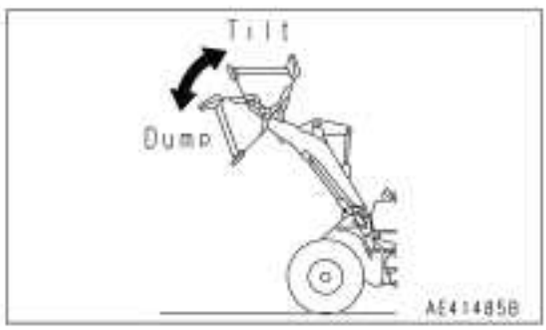
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BUCKET CONTROL LEVER

Position (a): TILT
Position (b): HOLD
The bucket is kept in the same position.
Position (c): DUMP

When the bucket control lever is pulled further from the TILT position, the lever is stopped in this position until the bucket reaches the preset position of the positioner, and the lever is returned to the HOLD position.





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EVERY 500 HOURS SERVICE

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EVERY 1000 HOURS SERVICE

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EVERY 2000 HOURS SERVICE

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*: The interval of 2000 hours for changing the axle oil is for standard operations. If the brake is used frequently or the brakes make a sound, change the oil after a shorter interval.

EVERY 4000 HOURS SERVICE

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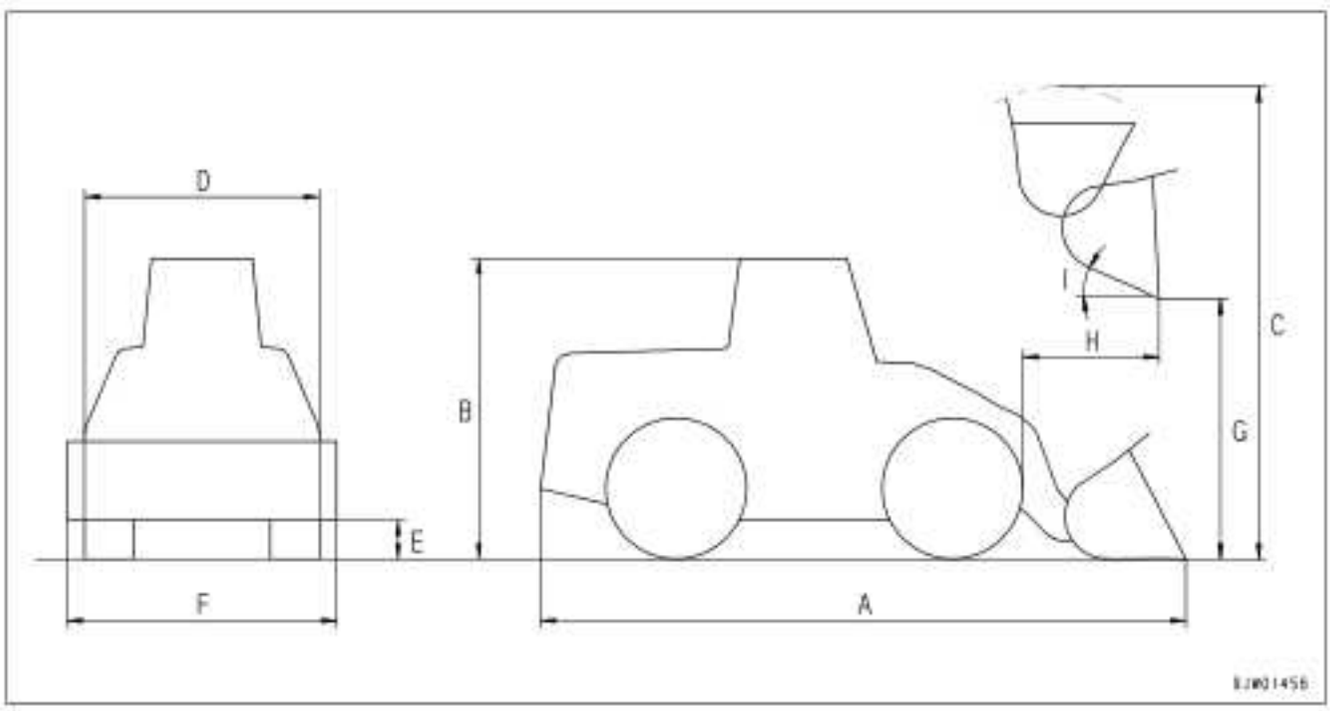
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SPECIFICATIONS

	Item			Unit	WA500-3
	Operating weight (including 1 operator: 80 kg (176 lb))			kg (lb)	28,220 (62215)
	Normal load			kg (lb)	8,100 (17860)
	Bucket capacity (with tip tooth)			m^3 (cu.yd)	4.3 (5.6)
	Engine model			–	Komatsu SA6D140E-3 diesel engine
	Flywheel horsepower			kW(HP)/rpm	235 (316)/2,100
A	Overall length (without tooth)			mm (ft in)	9,055 (29' 8")
B	Overall height			mm (ft in)	3,815 (12' 6")
C	Max. dimension when shanking bucket			mm (ft in)	6,070 (19' 11")
D	Overall width			mm (ft in)	3,090 (10' 2")
E	Min. ground clearance			mm (ft in)	405 (1' 4")
F	Bucket width (cutting edge width)			mm (ft in)	3,400 (11' 2")
G	Clearance	Tip of bucket		mm (ft in)	3,290 (10' 10")
		Tip of teeth		mm (ft in)	3,025 (9' 11")
H	Reach	Tip of bucket		mm (ft in)	1,320 (4' 4")
		Tip of teeth		mm (ft in)	1,490 (4' 11")
I	Dump angle			degrees	45
	Min. turning radius	Outside of chassis		mm (ft in)	7,390 (24' 3")
		Center of outside tire		mm (ft in)	6,160 (20' 3")
	Travel speed	Forward	1st	km/h (MPH)	6.7 (4.2)
			2nd	km/h (MPH)	12.0 (7.5)
			3rd	km/h (MPH)	20.2 (12.6)
			4th	km/h (MPH)	33.0 (20.5)
		Reverse	1st	km/h (MPH)	7.5 (4.7)
			2nd	km/h (MPH)	13.4 (8.3)
			3rd	km/h (MPH)	22.5 (14.0)
			4th	km/h (MPH)	36.1 (22.4)



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