

SHOP MANUAL **KOMATSU** **WA150PZ-5**

MACHINE MODEL

SERIAL NUMBER

WA150PZ-5

H50051 and up

- This shop manual may contain attachments and optional equipment that are not available in your area. Please consult your local Komatsu distributor for those items you may require. Materials and specifications are subject to change without notice.
- WA150PZ-5 mounts the SAA4D102E-2 engine.
For details of the engine, see the 102 Series Engine Shop Manual.

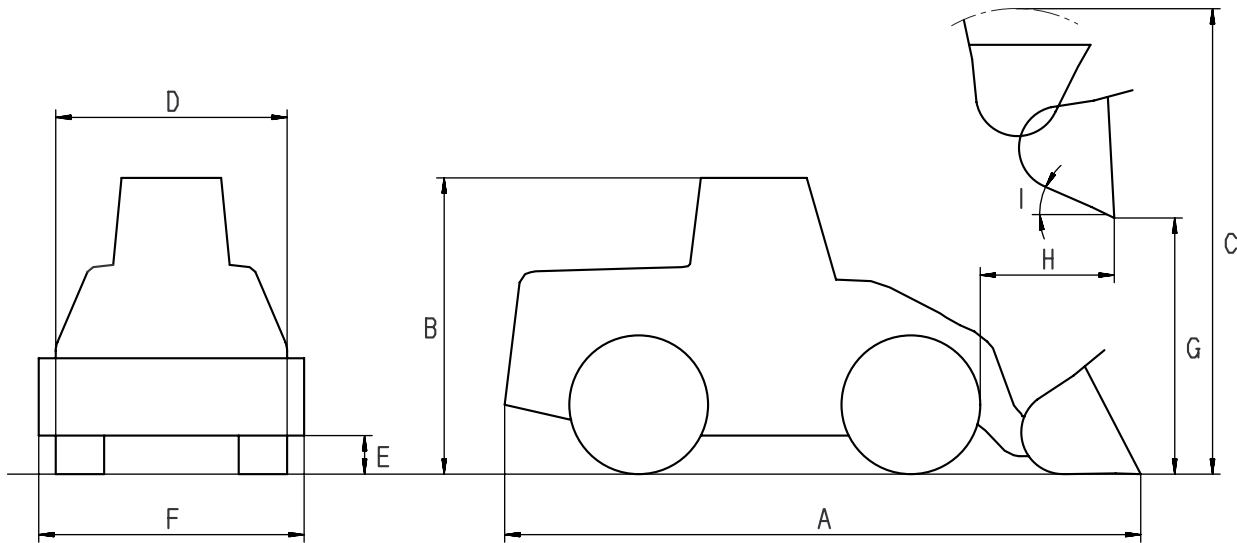
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01 GENERAL

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GENERAL ASSEMBLY DRAWINGS



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Item		Unit	WA150PZ-5
Operating weight (With Teeth)		kg	8,480
Rated load		kN {kg}	23.5 {2,400}
Bucket capacity (piled) (With Teeth)		m ³	1.5
Engine model		—	KOMATSU SAA4D102E-2 Diesel engine
Flywheel horse power		kW {HP} / rpm	71 {96} / 2,000
A	Overall length (With Teeth)	mm	6,600
B	Overall height	mm	3,035
C	Overall height when bucket is raised	mm	4,979
D	Overall width	mm	2,250
E	Min. ground clearance	mm	400
F	Bucket width	mm	2,390
G	Dumping clearance	Tip of bucket/Tip of Teeth	mm 2,915/2,775
H	Dumping reach	Tip of bucket/Tip of Teeth	mm 825/960
I	Bucket dump angle	deg.	45
	Min. turning radius	Tip of bucket/Tip of Teeth	mm 5,270 / 5,330
		Center of outside wheel	mm 4,470
Travel speed	F1	km / h	4.6 – 13.0
	F2	km / h	13.0
	F3	km / h	20.0
	F4	km / h	38.0
	R1	km / h	4.6 – 13.0
	R2	km / h	13.0
	R3	km / h	20.0
	R4	km / h	38.0

SPECIFICATIONS

Machine model			WA150PZ-5	
Serial No.			H50051 and up	
Weight	Operating weight (With BOC)	kg	8,880	
	Distribution (front) SAE travel posture	kg	3,940	
	Distribution (rear) SAE travel posture	kg	4,940	
Performance	Bucket capacity (piled) (With BOC)	m ³	1.5	
	Rated load	kN {kg}	23.5 {2,400}	
	Travel speed	FORWARD 1st	km / h	4.6 – 13.0
		FORWARD 2nd	km / h	13.0
		FORWARD 3rd	km / h	20.0
		FORWARD 4th	km / h	38.0
		REVERSE 1st	km / h	4.6 – 13.0
		REVERSE 2nd	km / h	13.0
		REVERSE 3rd	km / h	20.0
		REVERSE 4th	km / h	38.0
	Max. rimpull	FORWARD	kN {kg}	63.7 {6,500}
		REVERSE	kN {kg}	63.7 {6,500}
	Gradeability	deg.	25	
Min. turning radius (Center of outside wheel)	mm	4,470		
Min. turning radius [SAE travel posture] (Tip of bucket/Tip of BOC)	mm	5,165 / 5,185		
Dimensions	Overall length (with BOC)	mm	6,600	
	Overall width (chassis)	mm	2,250	
	Bucket width (with BOC)	mm	2,390	
	Overall height (top of cab)	mm	3,035	
	Overall height (Bucket approx. raised to max.)	mm	4,979	
	Wheel base	mm	2,600	
	Tread	mm	1,780	
	Min. ground clearance	mm	400	
	Max. height of bucket hinge pin	mm	3,485	
	Dumping clearance (Tip of bucket/Tip of Teeth)	mm	2,915 / 2,775	
	Dumping reach (Tip of bucket/Tip of Teeth)	mm	825 / 960	
	Steering angle	deg.	40	
	Bucket tilt angle (travel posture)	deg.	46	
	Bucket tilt angle (max. height)	deg.	66	
	Bucket dump angle (max. height)	deg.	46	
	Digging depth (10° dump) (Tip of bucket/Tip of BOC)	mm	220 / 255	

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