SEBM006006

SHOP MANUAL

KOMATSU®

avance LOADER

WA320-3

MACHINE MODEL

WA320-3

SERIAL NUMBER

50001 and up

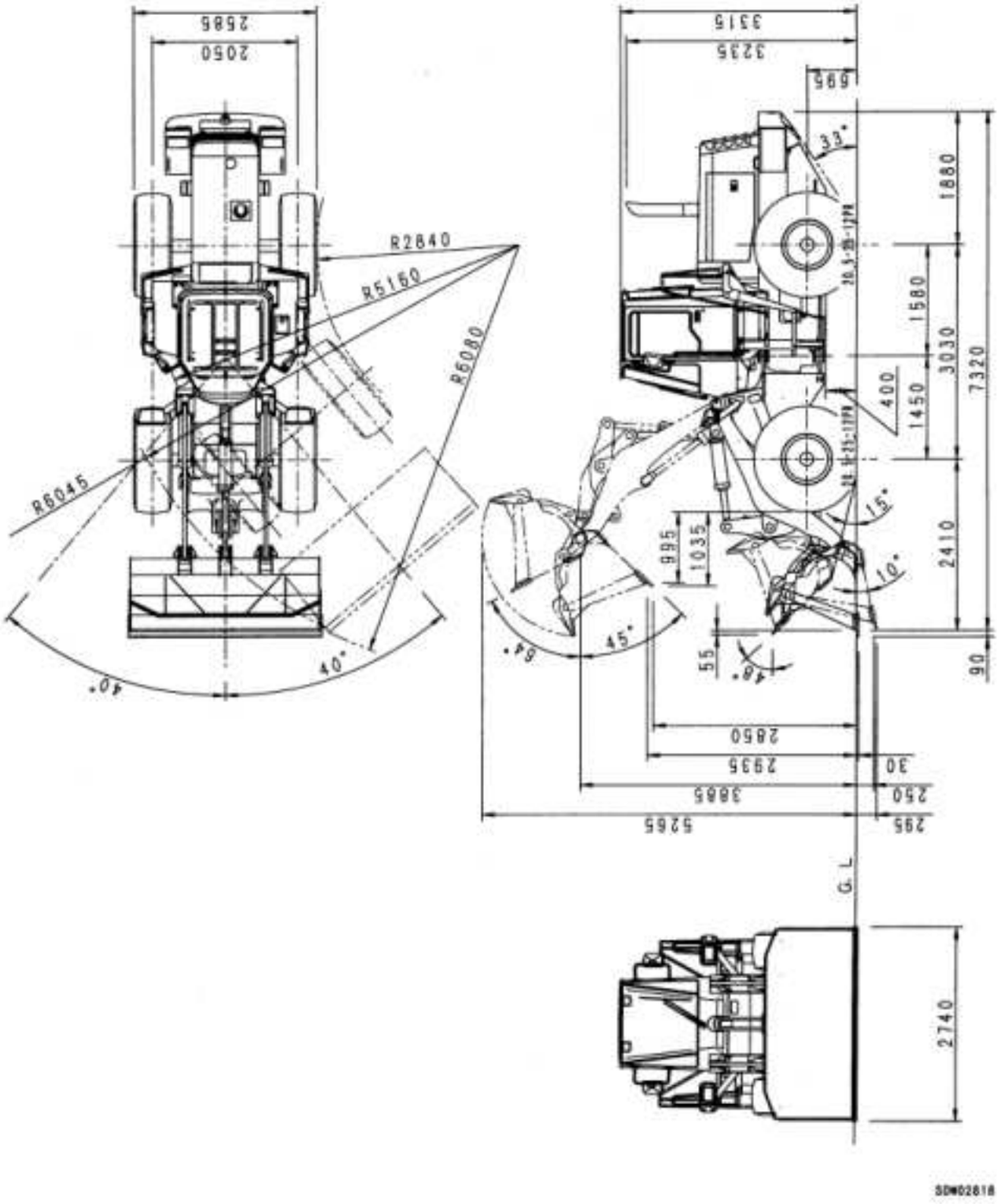
- This shop manual may contain attachments and optional equipment that are not available in your area. Please consult your local Komatsu distributor for those items you may require. Materials and specifications are subject to change without notice.

- WA320-3 mount the S6D108 engine.
  For details of the engine, see the 108 Series Engine Shop Manual.

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Serial No. 53001 and up



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SPECIFICATIONS

Machine model				WA320-3	
Serial No.				50001–52999	53001 and up
Weight	Operating weight		kg	13,200	13,660
	Distribution (front)		kg	6,100	5,795
	Distribution (rear)		kg	7,100	7,865
Performance	Bucket capacity (piled)		m^3	2.5	2.7
	Rated load		kN (kg)	39.2 (4,000)	42.3 (4,320)
	Travel speed	FORWARD 1st	km/h	7.5	7.5
		FORWARD 2nd	km/h	12.0	12.0
		FORWARD 3rd	km/h	21.0	21.0
		FORWARD 4th	km/h	34.0	34.0
		REVERSE 1st	km/h	7.8	7.8
		REVERSE 2nd	km/h	12.5	12.5
		REVERSE 3rd	km/h	22.0	22.0
		REVERSE 4th	km/h	35.0	35.0
	Max. rimpull		kN (kg)	119.6 (12,200)	119.6 (12,200)
	Gradeability		deg	25	25
	Min. turning radius	Center of outside wheel	mm	5,160	5,160
		Outside portion of chassis	mm	6,040	6,080
Dimensions	Overall length		mm	7,215	7,410
	Overall width (chassis)		mm	2,585	2,585
	Bucket width (with BOC)		mm	2,740	2,740
	Overall height (top of cab)		mm	3,315	3,315
	(Bucket raised)		mm	5,120	5,265
	Wheelbase		mm	3,030	3,030
	Tread		mm	2,050	2,050
	Min. ground clearance		mm	400	400
	Height of bucket hinge pin		mm	3,815	3,885
	Dumping clearance (tip of BOC)		mm	2,840	2,850
	Dumping reach (tip of BOC)		mm	1,005	1,035
	Bucket dump angle		deg	46	46
	Bucket tilt angle (SAE carring position)		deg	48	48
	Digging depth (10° dump) (with BOC)		mm	285	295

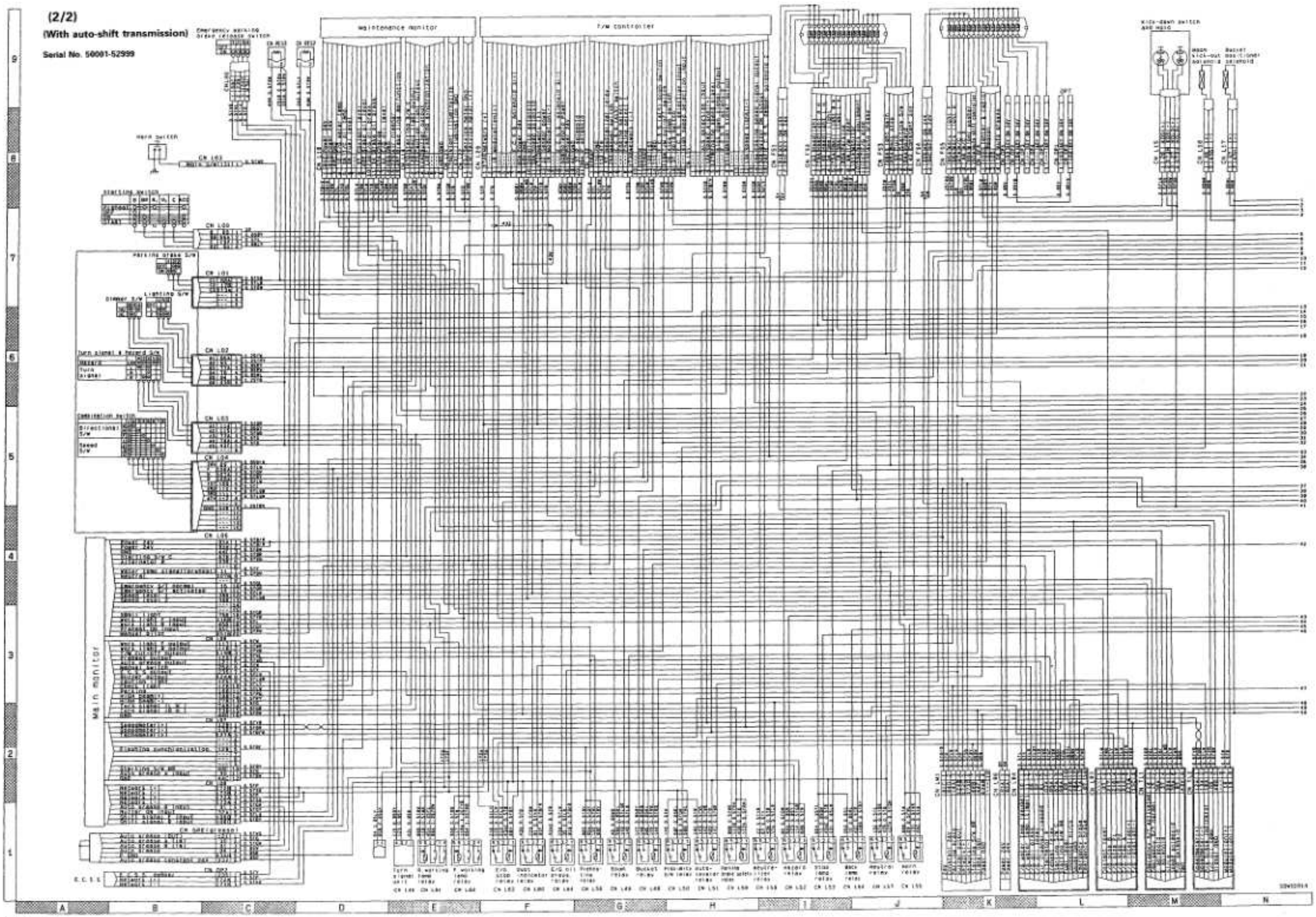
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(With auto-shift transmission)

Serial No. 50001-52999



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