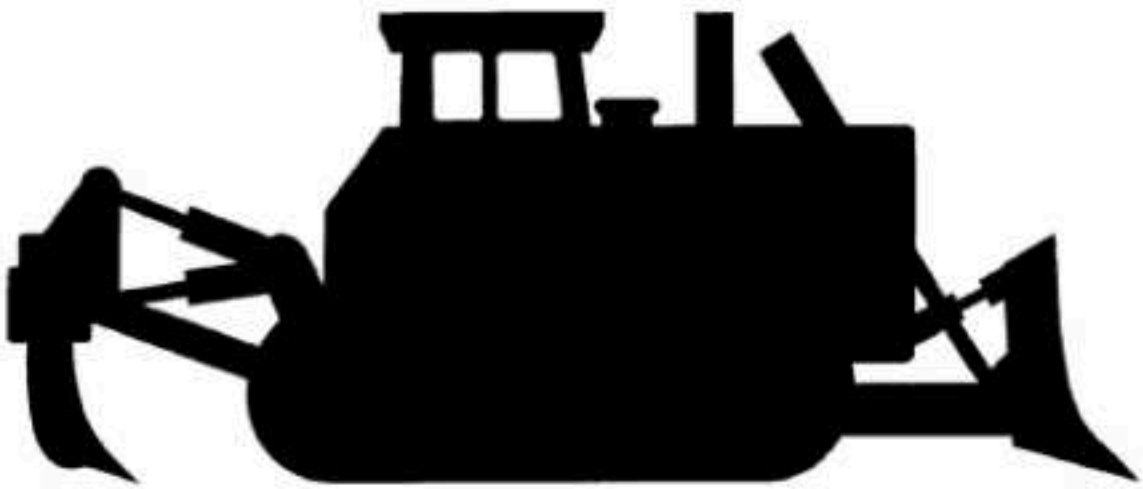
OMTD20H98/1E

OPERATOR'S MANUAL

TD-20H

SERIAL NUMBERS
5201 AND UP



DRESSTA Co. Ltd.

A JOINT VENTURE OF KOMATSU AMERICA INTERNATIONAL CO. AND HUTA STALOWA WOLA S.A

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OPERATING

4.5. CONTROLS AND ADJUSTMENT

RIPPER CONTROL LEVER

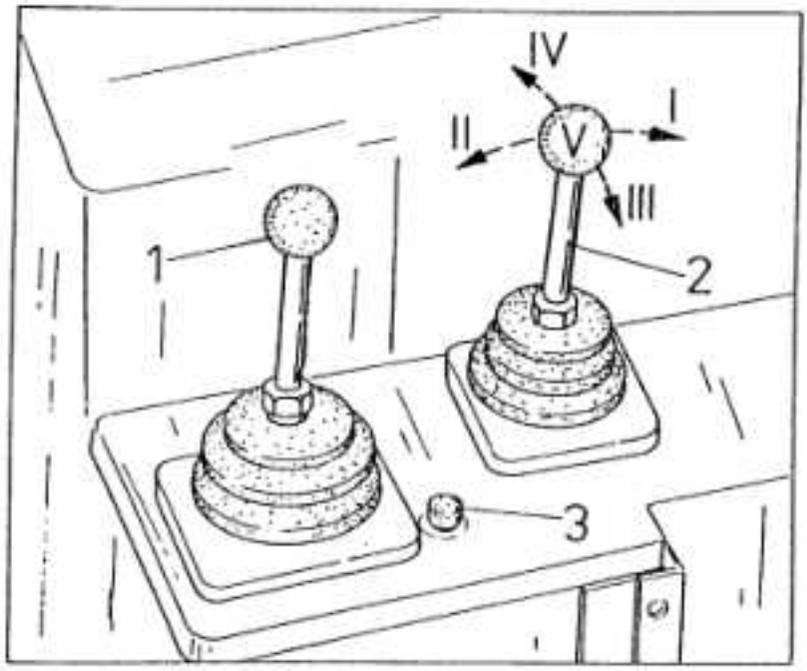


Fig. 4.13. Ripper Control Lever (2)

1. Blade Control Lever
2. Ripper Control Lever
3. Horn Button

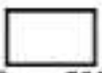
I. Ripper Pitch Forward
II. Ripper Pitch Aft
III. Ripper Raise
IV. Ripper Lower
V. Hold

NOTE: *For proper control of ripper control lever and observation of working tool swivel the operator seat 15° to the right.*

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5.3. MAINTENANCE AND SERVICE CHART

(Always use clean containers and lubricators)

SERVICE INTERVAL	REF. No	POINT OF SERVICE	SERVICE POINTS	LUBRICANT	SERVICE
 Every 10 Hours	13	Engine crankcase Oil Level	1	E01	Check
	18	Fuel Filter Water Separator	2		Drain
	29	Hydraulic Reservoir Oil Level	1	HDTF/E02	Check
	37	Radiator Coolant Level	1		Check
		Ground Level Inspection			Check
 Every 50 Hours	1	Rear Frame Oil Level	1	HDTF	Check
	27	Ripper Lube Fittings	10	MPG	Lube
	35	Hydraulic Cylinder Lube Fittings	2	MPG	Lube
 Every 100 Hours	34	Pivots of Hydraulic Cylinder Lube Fittings	4	MPG	Lube
 Every 250 Hours	2	Final Drive Oil Level	2	MPL	Check
	10	Fuel Filter	2		Change
	11	Engine Crankcase Oil Level	1	EO1	Change
	14	Engine Coolant Filter	1		Change
	16	Engine Crankcase Oil Filter	1		Change
	36	Upper Struts	4	MPG	Lube
	39	Diagonal Strut Balls	2	MPG	Lube
 Every 500 Hours	4	Transmission System Suction Strainer	1		Clean
	7	Universal Joint	2	MPG	Lube
	21	Pivot Shaft Housing - Oil Level	2	HDTF	Check
 Every 1000 Hours	6	Transmission System Pressure Filter	1		Change
	8	Transmission Scavenger Strainer	1		Clean
	20	Hydraulic System Return Filter	1		Change
	23	Rear frame Breather	1		Change
	24	Transmission System Oil	1	HDTF	Change
	25	Final Drive Oil	2	MPL	Change
	32	Hydraulic Reservoir Breather	1		Clean
	38	Gimbal Crosstube	2	MPG	Lube
 Every 2000 Hours	22	Hydraulic Control System Filter	1		Change
	28	Hydraulic System Oil	1	HDTF/E02	Change
	30	Hydraulic Oil Suction Strainer	1		Clean
 Periodic or at Least Once a Year	3	Fuel Tank Strainer	1		Clean
	5	Hand and Foot Control Linkage	10	MPG	Lube
	9	Crankcase Breather Tube	1		Check
	17	Air Cleaner Element	1		Clean
	19	Battery	4		Check
	31	Hydraulic Tank Strainer	1		Clean
	26	Fuel Tank Sediment Bowl	1		Drain
	33	Pilot Control Valve	1 or 2	MPG	Lube
Every 6000 Hours or Two Years	15	Engine Coolant	1		Change

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6.7. SPECIFICATIONS

6.7.8. OPERATION WEIGHTS

Machine with mounted equipment (hydraulic tilt), operator, full fuel tank and standard equipment:

	TD-20H	TD-20H-LT	TD-20H-LGP
Blade	Semi-U	Semi-U	straight
R.O.P.S.	23190 kg	23750 kg	24230 kg
Cab with A/C and ROPS	23740 kg	24300 kg	24770 kg

6.7.9. ELECTRICAL SYSTEM

System voltage ..... 24V, negative ground
Batteries (maintenance-free) ..... two 12V
Alternator 50A

6.7.10. FUEL CONSUMPTION

During intensive slot dozing tests in sandy soil (soil density app. 1.89 t/cu.m.) average fuel consumption amounted to app. 39 l/h.

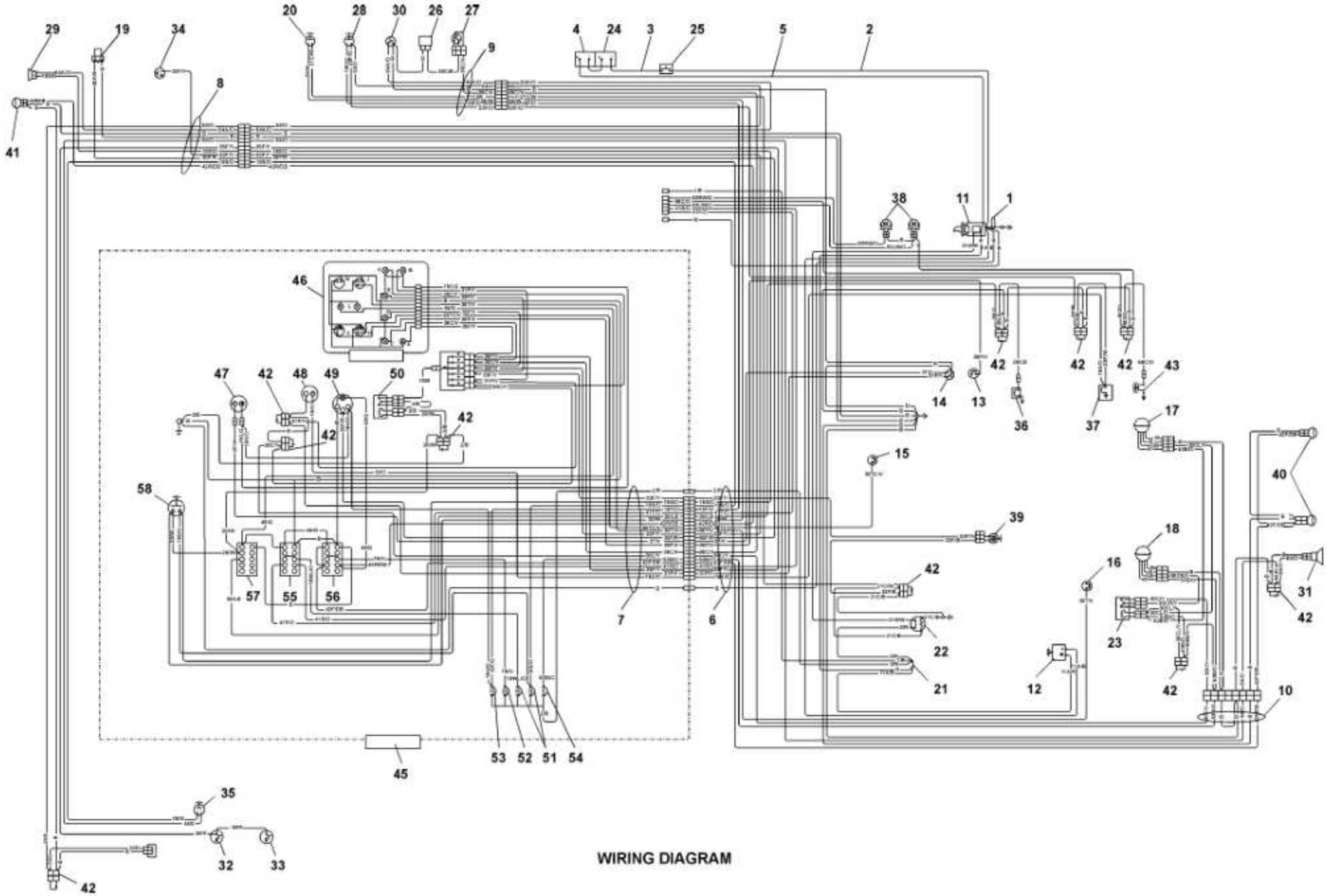
Average operational fuel consumption

The above specified fuel consumption value refers to short period of intensive operation of the machine only. However, taking into consideration actual longer periods of machine operation fuel consumption value is considerably lower and can estimated at the level of app. 30 l/h.

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SPECIFICATIONS

6.6. WIRING DIAGRAM



WIRING DIAGRAM

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