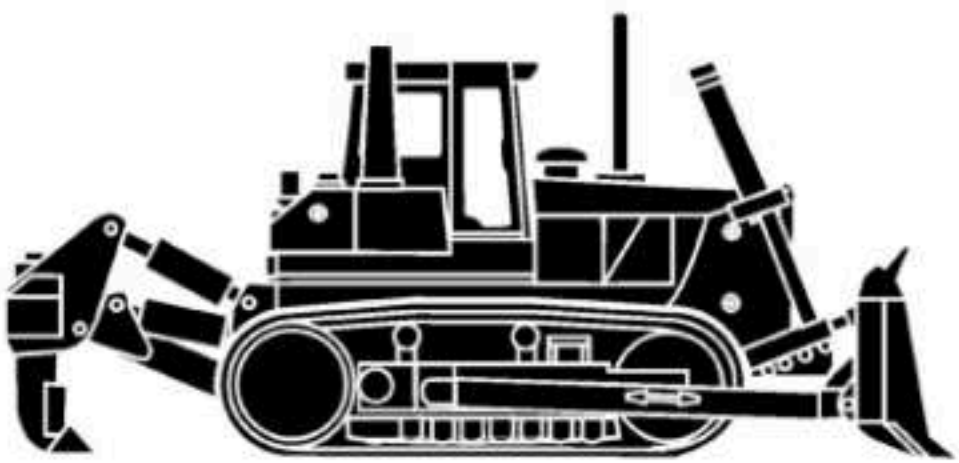
OMTD25H00-1E

OPERATOR'S MANUAL

TD-25H

SERIAL NUMBERS
73001 AND UP



DRESSTA Co. Ltd.

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

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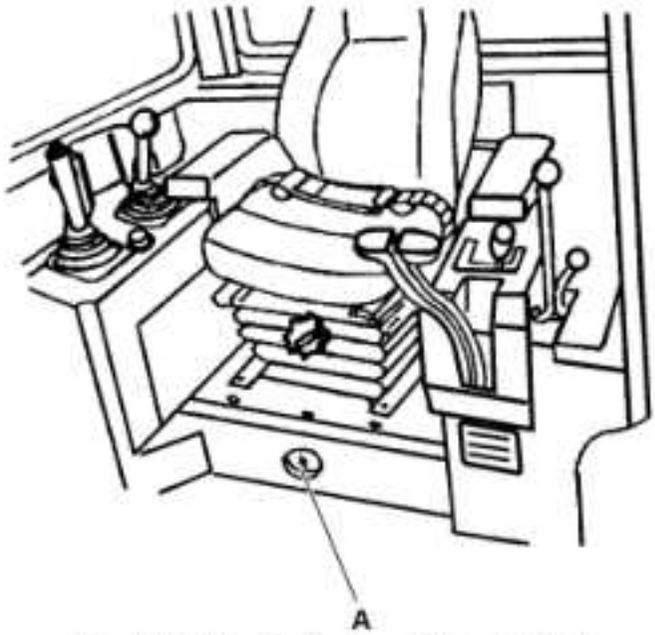


Fig. 4.11. Electric System Master Switch
A. Electric System Master Switch Key

4.5.10. EQUIPMENT CONTROL LEVERS

The levers are used to control the mounted equipment such as blade and/or ripper. Refer to "OPERATING THE MOUNTED EQUIPMENT

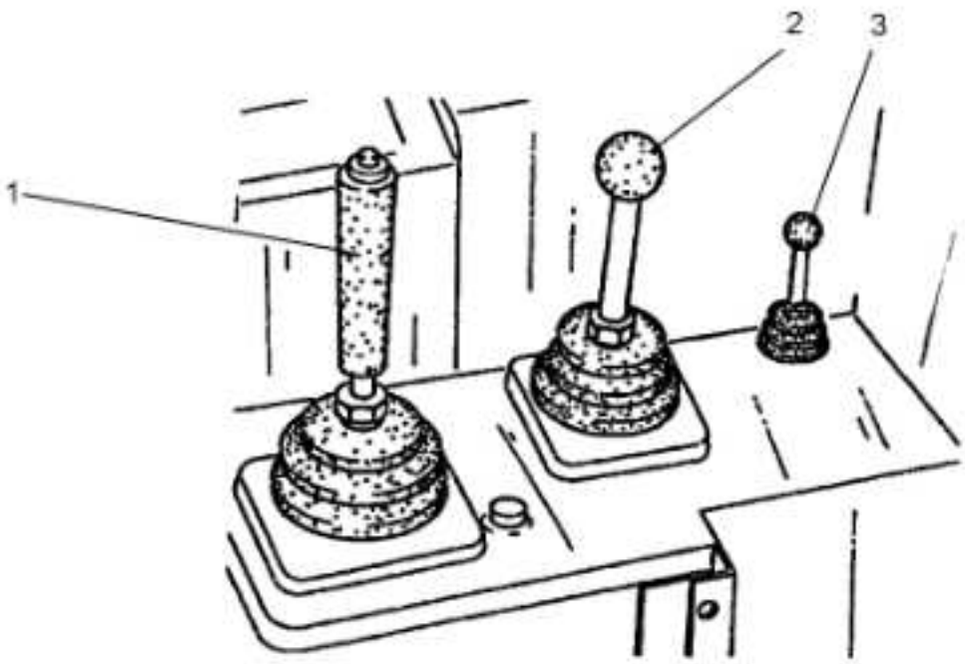


Fig. 4.12. Equipment Control Lever

1. Blade Control Lever
2. Ripper Control Lever
3. Pin Puller Control Lever (if equipped)

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MAINTENANCE

5.2. SCHEDULED MAINTENANCE GUIDE

Scheduled maintenance is the normal maintenance necessary to provide proper and efficient equipment operation and t o prolong of your machine's service life.

Every 10 Hours of Operation (Every Day)

1. Clean windows, lights and instrument panel.
2. Drain water from fuel filters prior to starting the work. Refer to 5.12.4.1.
3. Check engine oil level. Refer to 5.11.1.
4. Check hydraulic system oil level. Refer to 5.13.1.
5. Visually check the condition of drive belts. Refer to 5.7.1.
6. Visually check the condition of fan. Refer to 5.9.
7. Check radiator coolant level. Refer to 5.8.5
8. Check and clean precleaner screen, if necessary. Refer to 5.6. 1.
9. Check level in window washer reservoir. Refer to 5.21.3.
10. Carry out ground level inspection. Refer to 5.2.1.
11. Check instruments and warning lights for operation. Refer to 4.3.
12. Refill fuel tank at the end of each day's operation. Refer to 5.12.1.
13.* Check torque:
    - track shoe bolts. Refer to 5.19.1.
    - blade cutting edge and end bit bolts. Refer to 5.15.5.2.
    - trunnion cap bolts and trunnion mounting bolts. Refer to 5.15.5.1.

* – after initial 10 hours of operation only.

Every 50 Hours of Operation

1. Check oil level in rear mainframe. Refer to 5.18.1.
2. Clean radiator cores. Refer to 5. 8.4.2.
3. Check and adjust tracks tension, if necessary. Refer to 5.19
4. Check air intake system for leaks (hoses and clamps). Refer to 5.6.3.
5. Lubricate ripper bearings. Refer to 5.14.
6. Lubricate lift cylinder piston rod bearings. Refer to 5.14.
7*. Replace hydraulic system return filters. Refer to 5.13.3.
8*. Replace transmission system pressure filters. Refer to 5.18.3.
9*. Replace equipment pilot filter. Refer to 5.13.3.

* – after initial 50 hours of operation only.

Every 100 Hours of Operation

1. Lubricate blade lift cylinders yoke bearings. Refer to 5.14.

Every 250 Hours of Operation or every 6 months

1. Replace fuel filters (2 filters). Refer to 5.12.4.2.
2. Change engine oil filters (2 filters). Refer to 5.11.2.
3. Check coolant for DCA concentration and replace coolant filter. Refer to 5.8.7.
4. Change engine crankcase oil. Refer to 5.11.2.
5. Check fan, alternator and water pump belt and air compressor or air conditioner (if equipped) belt tension. Refer to 5.7.2.
6. Check the condition of the fan (if equipped reverse the reversible fan blades) Refer to 5.9.
7. Check final drive oil level. Refer to 5.17.1.
8. Lubricate upper struts and joints. Refer to 5.14.
9. Lubricate diagonal struts and joints. Refer to 5.14.

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SPECIFICATIONS

6.3.12.1. Maximum Pull Force

The machine 1 low speed maximum pull force at the maximum engine RPM is $888^{+/-5}$ [kN]

6.3.13. BLADE (Fig 6.1)

Type	full U	semi-U
Max capacity acc to SAE J1265	11.47 [m^3]	9.56 [m^3]
Max effective shoe width	710 [mm]	710 [mm]
Blade dimensions		
• width (bit to bit)	4.52 [m]	4.03 [m]
• height "A"	1.73 [m]	1.73 [m]
Max. blade rise		
• in frontal position "B"	1.46 [m]	1.46 [m]
Max. blade drop (below the ground level, position "C"	0.6 [m]	0.6 [m]
Max. blade tilt "D"	0.5 [m]	0.5 [m]
Max. blade pitch angle "E"	10 [°]	10 [°]
Average blade lift rate (@ nominal engine) RPM	0.40 [m/s]	0.40 [m/s]
Blade equipment weight	7150 [kg]	6850 [kg]

6.3.14. RIPPER

Type	multi-shank	single-shank	single-shank
Type of shank	std dig	std dig	deep dig
Draft frame			
• width	2462 [mm]	1245 [mm]	1245 [mm]
• section (height x width)	380x478 [mm]	400x500 [mm]	400x550 [mm]
Clearance under tool beam			
• with fully raised shank	1544 [mm]	1565 [mm]	1565 [mm]
• with lowered shank	171 [mm]	154 [mm]	154 [mm]
Teeth			
• max. number of teeth	3	1	1
• shank spacing	1067 [mm]	-	-
• max. penetration	760 [mm]	1250 [mm]	1700 [mm]
• clearance when fully raised	868 [mm]	770 [mm]	760 [mm]
• no of pitch positions	2	4	6
Total weight			
• with single shank	5100 [kg]	5280 [kg]	5370 [kg]
• each additional tooth	320 [kg]	-	-

6.4. REFILL CAPACITES

Fuel tank	825 liters
Cooling system	92.5 liters
Crankcase with filter	42 liters
Transmission system (RMF)	220 liters
Final drive (each)	46 liters
Track roller (each)	0.9 liter
Top idler (each)	1.1 liter
Front idler (each)	0.8 liter
Track Chain link	0.03 liters
Pivot shaft reservoir (each)	4.5 liters

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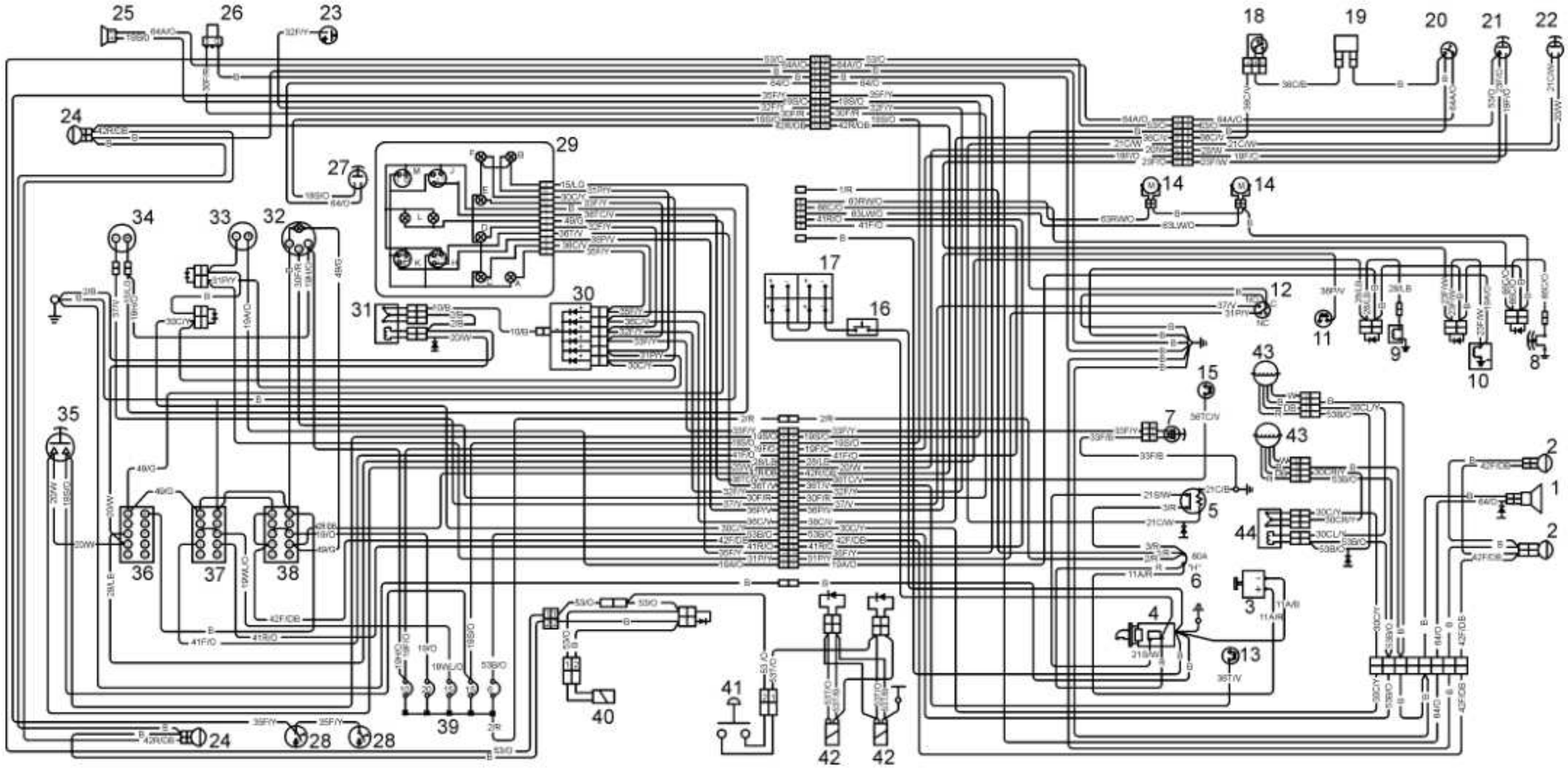


Fig. 6.5. Wiring Diagram

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