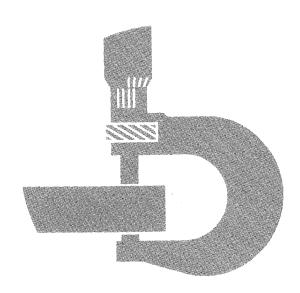
444C Loader



TECHNICAL MANUAL

444C LOADER TECHNICAL MANUAL TM-1227 (FEB-84)

SECTION AND GROUP CONTENTS

SECTION I—GENERAL INFORMATION

Group I-Contents and Index

Group II-Introduction and Safety Information

Group III-General Specifications

Group IV-Lubrication

SECTION 01 - WHEELS

Group 0110-Powered Wheels and Fastenings

SECTION 02—AXLES AND SUSPENSION SYSTEMS

Group 0200-Removal and Installation

Group 0210-Differential or Bevel Drive

Group 0225-Input Drive Shafts and U-Joints

Group 0250—Axle Shafts, Bearings and

Reduction Gears

Group 0260—Hydraulic System

SECTION 03—TRANSMISSION

Group 0300—Removal and Installation

Group 0315—Controls

Group 0325-Input Drive Shafts and U-Joints

Group 0350-Gears, Shafts, Bearings and

Power Shift Clutch

Group 0360-Hydraulic System

SECTION 04—ENGINE

Group 0400—Removal and Installation

Group 0401—Crankshaft and Main Bearings

Group 0402—Camshaft and Valve Actuating

Means

Group 0403—Connecting Rods and Pistions

Group 0404— Cylinder Block

SECTION 04—ENGINE—Continued

Group 0407—Oiling System

Group 0408—Ventilating System

Group 0409—Cylinder Head and Valves

Group 0410-Exhaust Manifold

Group 0413—Fuel Injection System

Group 0414-Intake Manifold

Group 0416—Turbocharger

Group 0417-Water Pump

Group 0419—Oil Cooler

Group 0420-Fuel Filter

Group 0421—Fuel Transfer Pump

Group 0422—Starting Motor and Fastenings

Group 0433-Flywheel, Housing and

Fastenings

SECTION 05—ENGINE AUXILIARY SYSTEMS

Group 0505—Cold Weather Starting Aids

Group 0510—Cooling Systems

Group 0515-Speed Controls

Group 0520-Intake System

Group 0530-External Exhaust Systems

Group 0540-Mounting Frame

Group 0560—External Fuel Supply Systems

SECTION 06—TORQUE CONVERTER

Group 0651—Turbine, Gears, Shafts and Bearings

Continued on next page

All information, illustrations and specifications contained in this technical manual are based on the latest information available at the time of publication. The right is reserved to make changes at any time without notice. Wherever applicable, specifications and design information are in accordance with SAE and ICED standards.

Copyright® 1984
DEERE & COMPANY
Moline, Illinois
All Rights Reserved
A JOHN DEERE ILLUSTRUCTION
Previous Edition

Copyright® 1983 Deere & Company Copyright® 1982 Deere & Company Copyright® 1980 Deere & Company

T09;1227 01 2309

SECTION AND GROUP CONTENTS—Continued

SECTION 09—STEERING SYSTEM

Group 0930—Emergency Steering Group 0960—Hydraulic System

SECTION 10—SERVICE BRAKES

Group 1011—Active Elements Group 1015—Controls Linkage Group 1060—Hydraulic System

SECTION 11—PARKING-EMERGENCY BRAKES

Group 1111—Active Elements Group 1115—Controls Linkage

SECTION 16—ELECTRICAL SYSTEMS

Group 1671—Batteries, Support and Cables Group 1672—Alternator, Regulator and Charging System Wiring

Group 1673-Lighting System

Group 1674—Wiring Harness and Switches

Group 1675—System Controls

Group 1676—Instruments and Indicators

SECTION 17—FRAME, CHASSIS, OR SUPPORTING STRUCTURE

Group 1740—Frame Installation
Group 1746—Frame Bottom Guards

Group 1749—Chassis Weights

SECTION 18—OPERATOR'S STATION

Group 1800—Removal and Installation

Group 1810-Operator Enclosure

Group 1821—Seat and Seat Belt

Group 1830-Heating and Air Conditioning

SECTION 19—SHEET METAL AND STYLING

Group 1910—Hood or Engine Enclosure Group 1921—Grille and Grille Housing Group 1927—Fenders

SECTION 20—SAFETY, CONVENIENCE AND MISCELLANEOUS

Group 2002—Mirror
Group 2004—Horn and Warning Devices

Group 2006—Cigar Lighter

SECTION 21—MAIN HYDRAULIC SYSTEM

Group 2160-Hydraulic System

SECTION 31—LOADER

Group 3102-Buckets

Group 3115—Controls Linkage

Group 3140—Frames

Group 3160-Hydraulic System

SECTION 33—BACKHOE

Group 3300—Removal and Installation

Group 3301-Blades, Teeth and Shanks

Group 3302—Buckets

Group 3315-Controls Linkage

Group 3340—Frames

Group 3360-Hydraulic System

SECTION 90—SYSTEM TESTING

Group 9005—General Information - Seven Basic Steps of Diagnosis and Testing

Group 9010-Engine

Group 9015—Electrical System

Group 9020-Power Train

Group 9025-Hydraulic System

Group 9031—Heating and Air Conditioning

SECTION 99—SPECIAL TOOLS

INDEX

T09;1227 02 180184

SAFETY AND YOU



CAUTION: This safety symbol followed by the word "caution" identifies important safety messages in this manual and on the loader or compactor. When you see this symbol, be alert to the possibility of personal injury and carefully read the message that follows.

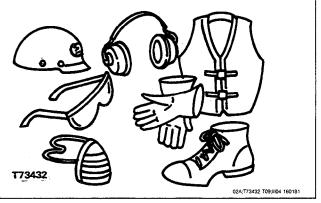


Be prepared if an accident or fire should occur. Know where the first aid kit and the fire extinguishers are located - know how to use them.



02A;T27504 N T09;III03 160181

Wear safety equipment.



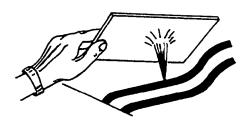
I-II-02 Litho in U.S.A. TM-1227 (Dec-80) Wear fairly tight clothing.





CAUTION: Escaping fluid under pressure can have sufficient force to penetrate the skin, causing serious injury. Before disconnecting lines, be sure to relieve pressure. Before applying pressure, be sure connections are tight and lines, pipes and hoses are not damaged. Use a piece of cardboard or wood, rather than hands, to search for leaks.

If injured by escaping fluid, see a doctor at once. Serious infection or reaction can develop if proper medical treatment is not administered immediately.



02A;T45794 T09;III 17 090281

KEEP SHOP AND STORAGE AREA CLEAN

Maintenance area should be adequately vented.

Keep maintenance area clean and dry.

Store flammable materials in a cool and well-vented area out of reach of unauthorized personnel.



02A;T27508 N T09;III07 160181

FOLLOW SAFE WORKING CONDITIONS

Perform work on equipment only if authorized to do so.

Follow recommended procedures.

Do not service equipment while it is being operated or engine is running.

Always use two service technicians - one, the operator at the controls, the other checking within sight of the operator.

Keep hands away from moving parts.

Support all raised equipment.

Do not work under raised bucket.

Always lower bucket before working on it.

If machine is on an incline, block it securely.

Use hoisting equipment for lifting heavy parts.

Wear safety glasses when drilling, grinding or hammering metal.

Do not use open flame around machine.





2A;T32709 N, T49041 N T09;III08 19018

OBSERVE SERVICE PRECAUTIONS

Keep all equipment free of dirt and oil.

Remove oil, grease, mud, ice, or snow from floor of operator's compartment or steps.

Do not remove radiator filler cap until coolant temperature is below the boiling point. Then loosen cap slowly to relieve pressure before removing.

Check exhaust system periodically for excessive leakage.

Relieve hydraulic pressure before working on hydraulic system.

Use the correct test group when checking hydraulic pressure.

Discharge accumulators completely before recharging or servicing.



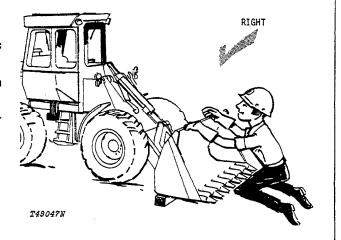
02A;T49043N T09;III14 090281

OBSERVE REPAIR PRECAUTIONS

Relieve hydraulic pressure before working on hydraulic system.

Disconnect batteries before repairing the electrical system or performing a major overhaul.

Securely block bucket before changing cutting edges. Wear gloves when working with sharp edges.



02A:T49047 N T09;III15 090281

CHECK SAFETY EQUIPMENT ON MACHINE

Check that all protective devices (guards, canopies, shields, ROPS, seat belts, etc.) are installed and secured on machine.

Inspect machine carefully for leakage from lines, hoses and fittings.



02A;T32708 N T09;III11 190181

AVOID EXPLOSIONS OR FIRE

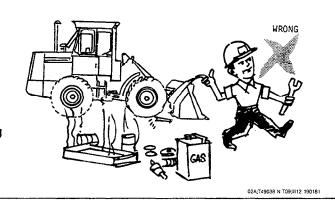
Do not smoke while refueling.

Do not smoke while handling highly flammable materials.

Shut off engine when refueling.

Use care in refueling if engine is hot.

Use good commercial, nonflammable solvents for cleaning parts.



OBSERVE BATTERY PRECAUTIONS

Provide adequate ventilation when charging batteries.

Do not place metal objects across posts to check charge.

Do not smoke near battery.

Do not allow sparks or open flame near battery.



02A;T27506 N T09;III 13 190181

444C LOADER

(Specifications and design subject to change without notice. Wherever applicable, specifications are in accordance with ICED and SAE Standards. Except where otherwise noted, specifications are based on a machine equipped with all standard equipment, 15.5-25, 8 ply loader-tread tires, ROPS cab, full fuel tank, and 175 lb [79 kg] operator.)

Power (@2400 engine		DIN
Gross		
Net engine flywheel p with fan, air cleaner, w fuel pump alternator power is without fan. F SAE standard condition temperature and DIN 7 barometer (sea level derating is required up	rater pump, lubrical and muffler. The lywheel power rations of 500-ft. altitute of 020 conditions of 20°C tem	tting oil pump, gross engine ngs are under ude and 85°F of 760 mm Hg perature. No
Bore and stroke Piston displacement Compression ratio Maximum torque @ 12	4.02 x 4.33 in. (10	02 x 110 mm) . in. (5.392 L) 16.2 to 1
(ACT option) 2 Torque rise (ACT option) NACC or AMA (U.S. T Lubrication Pi Cooling	ax) horsepower ressure system w. Pressurized w/th) (33.8 kg/m) 22 percent 31 percent 38.8 /full-flow filter ermostat and
Fan: w/o air condition w/air condition Air cleaner w/restrictic Electrical system Batteries (two 12-volt) 25 amps at 80°F (27°C) Alternator	erer on indicator : 12-voli	Blower SuctionDry tw/alternator
Torque Converter:		
Type Torque multiplication		5.44 to 1
Transmission	Power S	Shift planetary
Forward Speeds 1 2 3 4	mph 0-2.9 2.9-6.5 0-11.0 11.0-24.6	km/h 0-4.7 4.7-10.5 0-17.7 17.7-39.6
Reverse Speeds 1 2	0-3.9 3.9-8.8	0-4.7 6.3-14.2
Note: Shift from 1st to	2nd and 3rd to 4th	is automatic.

Diff	erer	ntial	s:
------	------	-------	----

Drive Axles ...Inboard-mounted planetary gears to each wheel. Front axle fixed. Rear axle oscillates 22-degrees total. [13.5-in. (343 mm) vertical travel at center of tire].

Brakes:

Service Power-actuated, 4-wheel inboard mounted, wet-disk. Foot operated by either pedal. Left pedal also disconnects transmission.

Parking 10 x 1.5 in. (254 x 38 mm) expanding shoe on transmission output shaft, foot-operated. Includes transmission disconnect. Warning light on instrument panel. Warning buzzer.

Steering Full power steering. Frame articulated 80° by two hydraulic cylinders.

Cylinder Size:

Stroke	
Bore	
Rod diameter	
Turning radius	Measured to center line of
outside tire	13 ft. 10 in. (4.22 m)

Hydraulic Systems:

Loader functions ...Independent transmission driven gear pump delivers 40.0 gpm (2.52 L/s) at 600 psi (4137 kPa)(42.2 kg/cm²) and 2400 engine rpm. 2250 psi (15 514 kPa)(158.2 kg/cm²) relief-valve pressure setting.

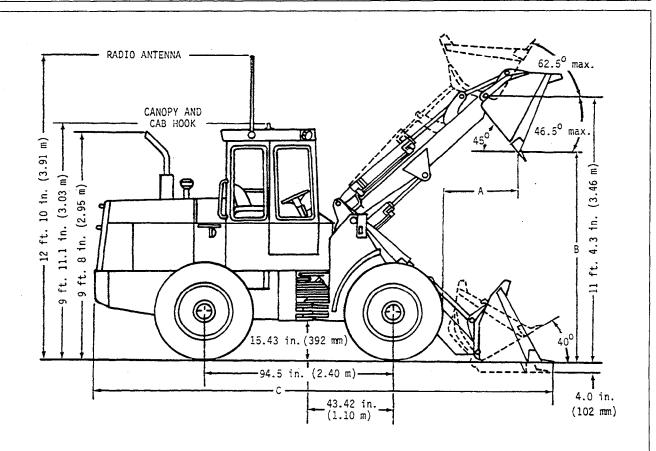
ControlSingle-lever;dual hydraulic valve. Optional triple hydraulic valve with separate lever. Steering and brakes .. Engine-driven, 8-piston, variable-displacement pump delivers 20.6 gpm (1.30 L/s) at 1800 engine rpm and 2000 psi (13 790 kPa) (140.6 kg/cm²). Maximum system pressure is 2400 psi (16 548 kPa)(168.7 kg/cm²)

T09;IIII19 220682

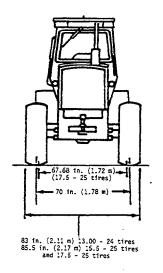
General Specifications

Hydraulic Cylinders: Bore Stroke Boom, two 5.25 in. 22.5 in. (571 mm) Bucket, one 5.25 in. 25.30 in. (133 mm) (643 mm) Cylinder rods Ground, heat-treated, chrome plated, polished. Boom and bucket cylinder rods				
Boom, two (1.23 mm) (571 mm) Bucket, one (1.23 mm) (671 mm) Bucket, one (1.23 mm) (671 mm) Cylinder rods Ground, heat-treated, chrome plated, polished. Boom and bucket cylinder rods	Hydraulic Cylinders:	Bore	Stroke	Key switch
Cigar lighter Combination disconnect Cigar lighter Cigar lighter Cigar lighter Combination disconnect Cigar light	·	5.25 in.	22.5 in.	Pushbutton safety start
Bucket, one (1.25 in. (25.30 in. (33 mm) (643 mm) Cylinder rods . Ground, heat-treated, chrome plated, polished. Boom and bucket cylinder rods 2.25 in. (57 mm) dia. Tiros: Tiros: Tiros: Tiros: Tiros: Special Equipment: 15.5-25, 8-ply-rating, L2 loader tread 15.5-25, 12-ply-rating, L2 loader tread 17.50-25, 12-ply rating, L2 loader tread 17.50-25,	•	(133 mm)	(571 mm)	Cigar lighter
Cylinder rods Ground, heat-treated, chrome plated, polished. Boom and bucket cylinder rods	Bucket, one	•	•	Transistorized voltage regulator
Cylinder rods Ground, heat-treated, chrome plated, polished. Boom and bucket cylinder rods			(643 mm)	Engine side shields w/locks
polished. Boom and bucket cylinder rods	Cylinder rods .Gr		,	Transmission disconnect
Combination tail and brake lights Combination tail and brake lights	•		,	Work lights, front flood, rear
Tires: 15.5-25, 8-ply-rating, L2 loader tread 15.5-25, 12-ply-rating, L2 loader tread 13.00-24, 8 ply-rating, L2 loader tread 13.00-24, 8 ply-rating, L2 loader tread 17.50-25, 12-ply rating, L2 loader tread 18.00-24, 8 ply-rating, L2 loader tread 18.00-25, 12-ply rating, L2 loader tread 18.00-26, 18-ply rating, L2 loader tread loader tread trum to dig 18.00-26, 18-ply rating loader trand rating and colour trum to dig 18.00-26, 18-ply rating loade			2.25 in.	
Tires: 15.5-25, 8-ply-rating, L2 loader tread 15.5-25, 12-ply-rating, L2 loader tread 13.00-24, 8 ply-rating, L2 loader tread 17.50-25, 12-ply rating, L2 loader tread 18.50-25, 12-ply rating, L2 loader tread list listurent panel cover w/lock 18.50-25, 12-ply rating light sapple suspension seat vilock 18.50-25, 12-ply rating light sapple suspension feat rating aid articulation transport lock 18.50-25, 12-ply rating light sapple suspension seat, vinyl or cloth 18.50-25, 12-ply rating light sapple suspension seat, vinyl or cloth 18.50-25, 12-ply rating light sapple	Boom and baoker	oyao. 1000 7771		
Transmission case and filters .40 qt. 33.3 qt. 37.9 Front and Rear differential .17 qt. 14.2 qt. 16.1 Loader hydraulic sump			(Heater/defroster or heater/defroster and pressurizer
15.5-25, 12-ply-rating, L2 loader tread 13.00-24, 8 ply-rating, L2 loader tread 17.50-25, 12-ply rating, L2 loader tread 18.50-25, 12-ply rating, L2 loader tread 18.50-25, 12-ply rating, L2 loader tread 18.50-25, 12-ply rating laider 18.50-25, 12-ply rating				
13.00-24, 8 ply-rating, G2 grader tread 17.50-25, 12-ply rating, L2 loader tread 17.50-25, 12-ply rating, L2 loader tread 17.50-25, 12-ply rating, L2 loader tread Wheel Treads: Front and rear				
17.50-26, 12-ply rating, L2 loader tread Wheel Treads: Front and rear				Dome light
Wheel Treads: Front and rear				
Front and rear	17.50-25, 12-ply ra	iting, L2 loader trea	a	
Capacities U.S. Imp. Liters Cooling system .25 qt. 20.8 qt. 23.7 Fuel tank				Fuel filter
Capacities U.S. Imp. Liters Cooling system25 qt. 20.8 qt. 23.7 Fuel tank40 gai. 33.3 gal. 151.4 Crankcase11 qt. 9.2 qt. 10.4 Crankcase, including filter12 qt. 10.0 qt. 11.4 Transmission	Front and rear		70 in. (1.78 m)	Automatic return to dig
Capacities U.S. Imp. Liters Cooling system 25 qt. 20.8 qt. 23.7 Fuel tank 40 gai. 33.3 gal. 151.4 Crankcase 11 qt. 9.2 qt. 10.4 Crankcase, in- cluding filter 12 qt. 10.0 qt. 11.4 Transmission case and filters 40 qt. 33.3 qt. 37.9 Front and Rear differential 17 qt. 14.2 qt. 16.1 Loader hydraulic sump 56 qt. 46.7 qt. 53.0 Additional Standard Equipment: Adjustable cushioned seat with belt Engine side shields Front fenders Gauges Transmission oil temperature Transmission oil pressure Fuel Coolant temperature Engine oil pressure Electric hourmeter Voltmeter Instrument panel warning lights Parking brake Hydraulic filter bypass In an drifterer Hand grips Fixed drawbar Fixed drawbar Antifreeze Precleaner Cold weather starting aid Anticulation transport lock Low-maintenance batteries Special Equipment: ROPS canopy Adjustable suspension seat, vinyl or cloth Heater for canopy For ROPS cab: Air conditioner Radio—AM Mirrors Reverse warning alarm Triple hydraulic valve for loader Bucket teeth Auxilary bottom guard License plate bracket Automatic boom height control SMV emblem Auxiliary cutting edges Flashing and turn signal lights Rear-axle disconnect Hydraulic front differential lock Auxiliary spill guard Altitude-compensating turbocharger				
Cooling system25 qt. 20.8 qt. 23.7 Fuel tank40 gai. 33.3 gal. 151.4 Crankcase11 qt. 9.2 qt. 10.4 Crankcase, in- cluding filter12 qt. 10.0 qt. 11.4 Transmission case and filters40 qt. 33.3 qt. 37.9 Front and Rear differential17 qt. 14.2 qt. 16.1 Loader hydraulic sump56 qt. 46.7 qt. 53.0 Additional Standard Equipment: Adjustable cushioned seat with belt Engine side shields Front fenders Gauges Transmission oil temperature Transmission oil temperature Transmission oil pressure Fuel Coolant temperature Engine oil pressure Electric hourmeter Voltmeter Instrument panel warning lights Parking brake Hydraulic filter bypass Fixed drawbar Antifreeze Precleaner Coold weather starting aid Articulation transport lock Low-maintenance batteries Special Equipment: ROPS canopy Adjustable suspension seat, vinyl or cloth Heater for canopy For ROPS cab: Air conditioner Radio—AM Mirrors Reverse warning alarm Triple hydraulic valve for loader Bucket teeth Triple hydraulic valve for loader Bucket teeth Auxiliary bottom guard License plate bracket Automatic boom height control SMV emblem Auxiliary cutting edges Flashing and turn signal lights Rear-axle disconnect Hydraulic front differential lock Auxiliary spill guard Articulation transport lock Low-maintenance batteries Cold weather starting aid Articulation transport lock Low-maintenance batteries Articulation transport lock Low-maintenance batteries FROPS canopy Adjustable suspension seat, vinyl or cloth Heater for canopy For ROPS cab: Air conditioner Radio—AM Mirrors Reverse warning alarm Triple hydraulic valve for loader Bucket teeth Auxiliary bottom guard License plate bracket Automatic boom height control SMV emblem Auxiliary spill guard Auxiliary spill guard Altitude-compensating turbocharger				-
Crankcase	Cooling system	25 qt. 20.8 qt		
Crankcase, including filter	Fuel tank			Antifreeze
cluding filter	Crankcase	11 qt. 9.2 qt.	10.4	Precleaner
cluding filter				Cold weather starting aid
case and filters . 40 qt. 33.3 qt. 37.9 Front and Rear differential17 qt. 14.2 qt. 16.1 Loader hydraulic sump56 qt. 46.7 qt. 53.0 Additional Standard Equipment: Adjustable cushioned seat with belt Engine side shields Front fenders Gauges Transmission oil temperature Transmission oil pressure Fuel Coolant temperature Engine oil pressure Electric hourmeter Voltmeter Instrument panel warning lights Parking brake Hydraulic filter bypass Special Equipment: ROPS canopy Adjustable suspension seat, vinyl or cloth Heater for canopy For ROPS cab: Air conditioner Radio—AM Mirrors Reverse warning alarm Triple hydraulic valve for loader Bucket teeth Auxilary bottom guard License plate bracket Automatic boom height control SMV emblem Auxiliary cutting edges Flashing and turn signal lights Parking brake Hydraulic filter bypass Altitude-compensating turbocharger	cluding filter	12 qt. 10.0 qt	. 11.4	
Front and Rear differential . 17 qt. 14.2 qt. 16.1 Loader hydraulic sump 56 qt. 46.7 qt. 53.0 Additional Standard Equipment: Adjustable cushioned seat with belt Engine side shields Front fenders Gauges Transmission oil temperature Transmission oil pressure Fuel Coolant temperature Engine oil pressure Electric hourmeter Voltmeter Instrument panel warning lights Parking brake Hydraulic filter bypass Special Equipment: ROPS canopy Adjustable suspension seat, vinyl or cloth Heater for canopy For ROPS cab: Air conditioner Radio—AM Mirrors Reverse warning alarm Triple hydraulic valve for loader Bucket teeth Auxilary bottom guard License plate bracket Automatic boom height control SMV emblem Auxiliary cutting edges Flashing and turn signal lights Parking brake Hydraulic filter bypass Altitude-compensating turbocharger	Transmission			•
Rear differential17 qt. 14.2 qt. 16.1 Loader hydraulic sump	case and filters	40 qt. 33.3 qt	. 37.9	
Rear differential17 qt. 14.2 qt. 16.1 Loader hydraulic sump	Front and			Special Equipment:
Loader hydraulic sump	Rear differential	17 qt. 14.2 qt	. 16.1	
sump	Loader hydraulic			
Additional Standard Equipment: Adjustable cushioned seat with belt Engine side shields Front fenders Gauges Transmission oil temperature Transmission oil pressure Fuel Coolant temperature Engine oil pressure Electric hourmeter Voltmeter Instrument panel warning lights Parking brake Hydraulic filter bypass Air conditioner Radio—AM Mirrors Reverse warning alarm Triple hydraulic valve for loader Bucket teeth Auxilary bottom guard License plate bracket Automatic boom height control SMV emblem Auxiliary cutting edges Flashing and turn signal lights Hydraulic front differential lock Auxiliary spill guard Altitude-compensating turbocharger	sump	56 qt. 46.7 qt	. 53.0	·
Additional Standard Equipment: Adjustable cushioned seat with belt Engine side shields Front fenders Gauges Transmission oil temperature Transmission oil pressure Fuel Coolant temperature Engine oil pressure Electric hourmeter Unstrument panel warning lights Parking brake Hydraulic filter bypass Radio—AM Mirrors Reverse warning alarm Triple hydraulic valve for loader Bucket teeth Auvilary bottom guard License plate bracket Auxilary bottom guard License plate bracket Automatic boom height control SMV emblem Auxiliary cutting edges Flashing and turn signal lights Hydraulic front differential lock Auxiliary spill guard Altitude-compensating turbocharger				For ROPS cab:
Adjustable cushioned seat with belt Engine side shields Front fenders Gauges Gauges Transmission oil temperature Transmission oil pressure Fuel Coolant temperature Engine oil pressure Electric hourmeter Voltmeter Instrument panel warning lights Parking brake Hydraulic filter bypass Mirrors Reverse warning alarm Triple hydraulic valve for loader Bucket teeth Auxilary bottom guard License plate bracket Auxilary control SMV emblem Auxiliary cutting edges Flashing and turn signal lights Hydraulic front differential lock Auxiliary spill guard Altitude-compensating turbocharger				Air conditioner
Engine side shields Front fenders Gauges Triple hydraulic valve for loader Bucket teeth Transmission oil temperature Transmission oil pressure Fuel Coolant temperature Engine oil pressure Electric hourmeter Voltmeter Instrument panel warning lights Parking brake Hydraulic filter bypass Reverse warning alarm Triple hydraulic valve for loader Bucket teeth Auxilary bottom guard License plate bracket Automatic boom height control SMV emblem Auxiliary cutting edges Flashing and turn signal lights Hear-axle disconnect Hydraulic front differential lock Auxiliary spill guard Altitude-compensating turbocharger		• •		Radio-AM
Front fenders Gauges Triple hydraulic valve for loader Bucket teeth Auxilary bottom guard License plate bracket Fuel Coolant temperature Engine oil pressure Electric hourmeter Voltmeter Instrument panel warning lights Parking brake Hydraulic filter bypass Triple hydraulic valve for loader Bucket teeth Auxilary bottom guard License plate bracket Automatic boom height control SMV emblem Auxiliary cutting edges Flashing and turn signal lights Rear-axle disconnect Hydraulic front differential lock Auxiliary spill guard Altitude-compensating turbocharger				Mirrors
Gauges Transmission oil temperature Auxilary bottom guard Transmission oil pressure License plate bracket Fuel Automatic boom height control SMV emblem Engine oil pressure Electric hourmeter Voltmeter Instrument panel warning lights Parking brake Hydraulic filter bypass Bucket teeth Auxilary bottom guard Auxilary countrol SMV emblem Auxiliary cutting edges Flashing and turn signal lights Rear-axle disconnect Hydraulic front differential lock Auxiliary spill guard Altitude-compensating turbocharger	Engine side shield	S		Reverse warning alarm
Transmission oil temperature Transmission oil pressure License plate bracket License plate bracket Automatic boom height control SMV emblem Engine oil pressure Electric hourmeter Voltmeter Instrument panel warning lights Parking brake Hydraulic filter bypass Auxilary bottom guard License plate bracket Automatic boom height control SMV emblem Auxiliary cutting edges Flashing and turn signal lights Rear-axle disconnect Hydraulic front differential lock Auxiliary spill guard Altitude-compensating turbocharger				Triple hydraulic valve for loader
Transmission oil pressure Fuel Coolant temperature Engine oil pressure Electric hourmeter Voltmeter Instrument panel warning lights Parking brake Hydraulic filter bypass License plate bracket Automatic boom height control SMV emblem Auxiliary cutting edges Flashing and turn signal lights Rear-axle disconnect Hydraulic front differential lock Auxiliary spill guard Altitude-compensating turbocharger	•			Bucket teeth
Fuel Coolant temperature Engine oil pressure Electric hourmeter Voltmeter Instrument panel warning lights Parking brake Hydraulic filter bypass Automatic boom height control SMV emblem Auxiliary cutting edges Flashing and turn signal lights Flashing and turn signal lights Rear-axle disconnect Hydraulic front differential lock Auxiliary spill guard Altitude-compensating turbocharger		•		Auxilary bottom guard
Coolant temperature Engine oil pressure Electric hourmeter Voltmeter Instrument panel warning lights Parking brake Hydraulic filter bypass Auxiliary cutting edges Flashing and turn signal lights Rear-axle disconnect Hydraulic front differential lock Auxiliary spill guard Altitude-compensating turbocharger		pressure		License plate bracket
Engine oil pressure Electric hourmeter Voltmeter Instrument panel warning lights Parking brake Hydraulic filter bypass Auxiliary cutting edges Flashing and turn signal lights Rear-axle disconnect Hydraulic front differential lock Auxiliary spill guard Altitude-compensating turbocharger	· · =			Automatic boom height control
Electric hourmeter Voltmeter Instrument panel warning lights Parking brake Hydraulic filter bypass Flashing and turn signal lights Rear-axle disconnect Hydraulic front differential lock Auxiliary spill guard Altitude-compensating turbocharger				
Voltmeter Rear-axle disconnect Instrument panel warning lights Hydraulic front differential lock Parking brake Auxiliary spill guard Hydraulic filter bypass Altitude-compensating turbocharger				
Instrument panel warning lights Parking brake Hydraulic filter bypass Hydraulic filter bypass Altitude-compensating turbocharger		er		
Parking brake Auxiliary spill guard Hydraulic filter bypass Altitude-compensating turbocharger	·			
Hydraulic filter bypass Altitude-compensating turbocharger	•	varning lights		
Thinks of the second of the se				
Loader nydraulic system indicator light Emergency steering			h.+	
	Loader hydraulic	system indicator lig	ΠL	Emergency steering

T09;IIII22 290782



DUOKETO	DIMENSIONS			
BUCKETS	A	В	С	
1-1/2 cu. yd.	32.9 in.	9 ft. 1.2 in.	19 ft.	
(1.15 m³)	(836 mm)	(2.77 m)	(5.80 m)	
1-3/4 cu. yd. (1.34 m³)	34.33 in.	8 ft. 11.6 in.	19 ft. 2.4 in.	
	(872 mm)	(2.73 m)	(5.85 m)	
3 cu. yd.	41.83 in.	8 ft. 4.1 in.	20 ft. 1 in.	
(2.29 m³)	(1062 mm)	(2.54 m)	(6.12 m)	
1-1/2 cu. yd.	33.5 in.	8 ft. 5.7 in.	19 ft. 11.0 in.	
multipurpose (1.15 m³)	(847 mm)	(2.58 m)	(6.07 m)	



02A;T79070 T79071T09;HH03 B 200181

BUY NOW

Then Instant Download the Complete Manual Thank you very much!