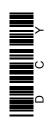
GENERAL PURPOSE AND STANDARD TRACTORS GASOLINE AND ALL-FUEL





OPERATORS MANUAL

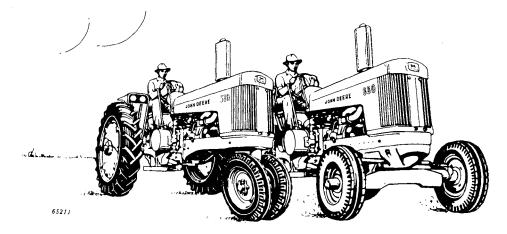
630 GENERAL PURPOSE AND STANDARD TRACTORS GASOLINE AND ALL-FUEL

OMR20718 G8 English

OMR20718 G8

LITHO IN THE U.S.A. ENGLISH





To the Purchaser

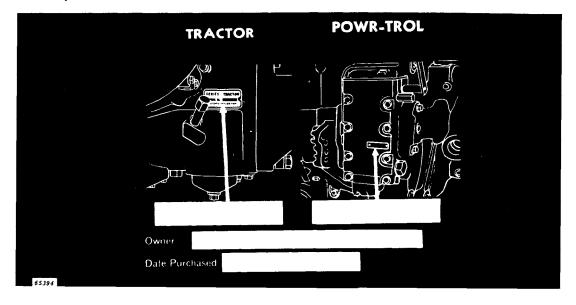
We welcome you to our ever-growing family of John Deere tractor owners. We are confident that the dependable and economical performance of your John Deere tractor will prove that you made a wise choice.

The purpose of this manual is to acquaint you with your new tractor. The manual explains how to operate and service your tractor, and how to maintain its high operating efficiency. Instructions are given clearly with the intention of making these operations as easy as possible.

Keep this manual in a convenient place for quick and easy reference. Use it as a guide whenever questions arise. You have purchased a dependable, sturdy tractor, but only by operating and caring for it properly can you expect to receive the service and long life for which it was designed.

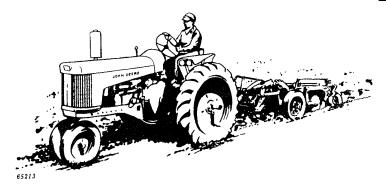
If in the future you need new parts to replace those that may be worn, insist on genuine John Deere parts. They are exact duplicates of the originals, made from the same patterns and of the same high-quality materials.

When in need of parts, give your John Deere dealer the serial number of your tractor or hydraulic (Powr-Trol) system, depending on the parts you need. The illustration below shows you where to find these serial numbers. Obtain them from your tractor—NOW—and insert them in the spaces provided in the illustrations below.

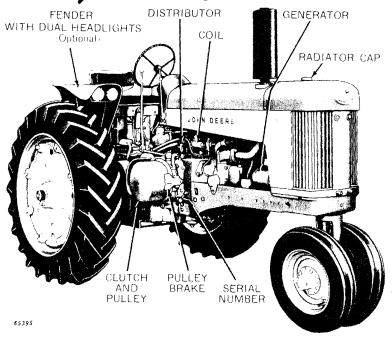


• TABLE OF CONTENTS •

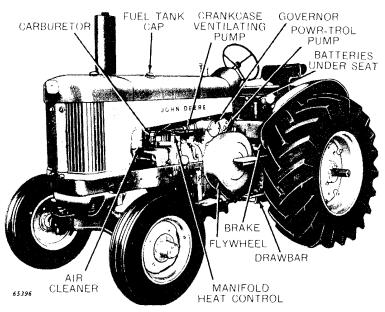
	Page
SPECIFICATIONS AND DATA	4
CONTROLS AND INSTRUMENTS	6
OPERATING INSTRUCTIONS	16
SAFETY SUGGESTIONS	54
LUBRICATION AND PERIODIC SERVICES	56
SERVICE THAT WILL KEEP YOUR TRACTOR IN TIP-TOP SHAPE	75
SERVICE REMINDERS	100
TRACTOR DIFFICULTIES	101
STORING THE TRACTOR	109
ATTACHMENTS	110
INDEX	118



This is Your New John Deere Tractor



John Deere "630" Series General-Purpose Tractor—Pulley Side (Serial No. 6300000-)



John Deere "630" Series Standard Tractor—Flywheel Side (Serial No. 6300000-)

SPECIFICATIONS

Four 14-inch plow bottoms or a four bottom bedder under most conditions. Maximum Belt Horsepower: *Gasoline	PERFOR!	MANCE: ty for Work:		FUEL SYSTEM: Type Gravity feed
Maximum Belt Horsepower: *Gasoline				Carburetor Natural-draft duplex
*Gasoline				
*All-Fuel				COOLING SYSTEM:
Maximum Drawbar Horsepower: *Gasoline				Type Pressure system—centrifugal
*All-Fuel	Maxim	um Drawbar Ho	rsepower:	
CAPACITIES (U. S. MEASURE- MENTS): Gasoline Tank: Gasoline Tractor. 22-1/4 Gals. All-Fuel Tractor. 1 Gal. Fuel Tank (All-Fuel) 20-1/2 Gals. Crankcase. 8 Qts. Transmission. 6 Gals. Hydraulic Powr-Trol System. 1 Qts. Remote Cylinder. 1 Qt. Power Shaft Clutch. 1 Gal. Cooling System. 6-1/2 Gals. First Reduction Gear Cover 1-1/2 Qts. Power Steering. 5 Qts. SPEEDS: Gear 13.6-38 Tires 14-30 Tires 1 1-1/2 mph 1-1/3 mph 2 2-1/2 mph 2-1/2 mph 3 3-1/2 mph 3-1/3 mph 4 4-1/2 mph 4-1/4 mph 5 6-1/2 mph 6 mph 6 11-1/2 mph 10-1/2 mph Reverse 3 mph 2-3/4 mph ENGINE: Type. Battery-Distributor Point Gap . 0.22" Spark Plug Gap . 0.30" ELECTRICAL SYSTEM: Battery Voltage . 12 Volts Generator Regulation. Voltage Regulator Battery. Group I CLUTCH: Type. Hand-operated, four Distributor Point Gap . 0.22" Spark Plug Gap . 0.30" CLUTCL Sequence . 12 Volts Generator Regulation. Voltage Regulator Battery. Group I CLUTCH: Type. Hand-operated, four Distributor Point Gap . 0.22" Spark Plug Gap . 0.30" CLUTCL Sequence . 12 Volts Generator Regulation. Voltage Regulator Battery. Group I CLUTCH: Type. Hand-operated, four Distributor Point Gap . 0.22" Spark Plug Gap . 0.30" CLUTCL Sequence . 12 Volts Generator Regulation. Voltage Regulator Battery. Group I CLUTCH: Type. Hand-operated, four BeLT PULLEY: Diameter . 12-13/16" Width . 7-3/8" Rpm (Load) . 1125 Belt Speed (fpm) . 3775 TRANSMISSION: Type. Six speeds forward and one in reverse. Gears . Selective-type, straight spur-cut gears, forged and				· · · · · · · · · · · · · · · · · · ·
MENTS): Type. Battery-Distributor Distributor Point Gap. .022" Spark Plugs: Gasoline Tractor 1 Gal. Spark Plugs: 18 mm. All-Fuel Tractor 1 Gal. Spark Plugs: 18 mm. Fuel Tank (All-Fuel) 20-1/2 Gals. Spark Plug Gap. .030" Crankcase 8 Qts. Spark Plug Gap. .030" Transmission 6 Gals. Battery Voltage. 12 Volts Hydraulic Powr-Trol System 1 Qt. Generator Regulation Voltage Regulator Power Shaft Clutch 1 Gal. Generator Regulation Voltage Regulator Power Shaft Clutch 1 Gal. Battery Voltage. 12 Volts Generator Regulation Voltage Regulator Battery Group I Battery Group I CLUTCH: Type Hand-operated, four Spector Type Hand-operated, four Type Diameter 12-13/16" Width 7-3/8" Type				daty thermostat.
Gasoline Tank: Gasoline Tactor 22-1/4 Gals. All-Fuel Tractor 1 Gal. Fuel Tank (All-Fuel) 20-1/2 Gals. Crankcase 8 Qts. Transmission 6 Gals. Hydraulic Powr-Trol System 1 Qt. Power Shaft Clutch 1 Gal. Cooling System 6-1/2 Gals. First Reduction Gear Cover 1-1/2 Qts. Power Steering 5 Qts. SPEEDS: Gear 13.6-38 Tires 14-30 Tires 1 1-1/2 mph 1-1/3 mph 2 2-1/2 mph 3-1/3 mph 4 4-1/2 mph 4-1/4 mph 5 6 11-1/2 mph 10-1/2 mph			ASURE-	
Spark Plugs Size 18 mm.	Gasoline	Tank:		• •
Fuel Tank (All-Fuel) 20-1/2 Gals Crankcase 8 Qts			,	
Crankcase 8 Qts. Transmission 6 Gals. Hydraulic Powr-Trol System 11 Qts Remote Cylinder 1 Qt. Cooling System 6-1/2 Gals. First Reduction Gear Cover 1-1/2 Qts. Power Steering 5 Qts. SPEEDS: Gear 13.6-38 Tires 14-30 Tires 1 1-1/2 mph 1-1/3 mph 2-1/2 mph 2-1/2 mph 3-1/3 mph 4 4-1/2 mph 4-1/4 mph Reverse 3 mph 2-3/4 mph Engine Speeds: ELECTRICAL SYSTEM: Battery Voltage 12 Voltage Regulation Voltage Regulator Battery Clutch: Generator Regulation Voltage Regulator Battery Clutch: Type 12 Voltage 12 Voltage 12 Voltage Regulator Battery Voltage 12 Voltage 12 Voltage Regulator Battery Voltage 12 Voltage 12 Voltage Regulator Generator Regulation Voltage Regulator Battery Voltage 12 Voltage 12 Voltag				
Transmission				Spark Plug Gap
Hydraulic Powr-Trol System			~ .	FIFCTRICAL SYSTEM.
Remote Cylinder 1 Qt. Power Shaft Clutch 1 Gal. Cooling System 6-1/2 Gals. First Reduction Gear Cover . 1-1/2 Qts. Power Steering 5 Qts. SPEEDS: Gear 13.6-38 Tires 14-30 Tires 1 1-1/2 mph 1-1/3 mph 2-1/2 mph 3-1/3 mph 44-1/2 mph 4-1/4 mph 55 6-1/2 mph 6 mph 6 11-1/2 mph 10-1/2 mph Reverse 3 mph 2-3/4 mph ENGINE: Type Two-cylinder, cast-in-block, valves-in-head. Engine Speeds: Generator Regulation . Voltage Regulation . Voltage Regulation . In Collage	Hydraul	ic Powr-Trol Sys	3•	
Power Shaft Clutch				
First Reduction Gear Cover 1-1/2 Qts. Power Steering		~		lator
Type	-	•	,	Battery Group I
Type				CLUTCH:
SPEEDS: 10-inch dry disks. Gear 13.6-38 Tires 14-30 Tires 1 1-1/2 mph 1-1/3 mph BELT PULLEY: 2 2-1/2 mph 2-1/2 mph Diameter 12-13/16" 3 3-1/2 mph 3-1/3 mph Width 7-3/8" 4 4-1/2 mph 4-1/4 mph Rpm (Load) 1125 5 6-1/2 mph 6 mph Belt Speed (fpm) 3775 6 11-1/2 mph 10-1/2 mph TRANSMISSION: ENGINE: Type Six speeds forward and one in reverse. Type Two-cylinder, cast-in-block, valves-in-head. Gears Selective-type, straight spur-cut gears, forged and	Power St	teering	. 5 Qts.	Type Hand-operated, four
1 1-1/2 mph 1-1/3 mph BELT PULLEY: 2 2-1/2 mph 2-1/2 mph Diameter 12-13/16" 3 3-1/2 mph 3-1/3 mph Width 7-3/8" 4 4-1/2 mph 4-1/4 mph Rpm (Load) 1125 5 6-1/2 mph 6 mph Belt Speed (fpm) 3775 6 11-1/2 mph 10-1/2 mph TRANSMISSION: ENGINE: Type Six speeds forward and one in reverse. Type Type Selective-type, straight spur-cut gears, forged and	SPEEDS:			
2 2-1/2 mph 2-1/2 mph Diameter 12-13/16" 3 3-1/2 mph 3-1/3 mph Width 7-3/8" 4 4-1/2 mph 4-1/4 mph Rpm (Load) 1125 5 6-1/2 mph 6 mph Belt Speed (fpm) 3775 6 11-1/2 mph 10-1/2 mph Reverse 3 mph 2-3/4 mph ENGINE: Type Two-cylinder, cast-in-block, valves-in-head. Engine Speeds: Type Six speeds forward and one in reverse. Gears Selective-type, straight spur-cut gears, forged and	Gear		14-30 Tires	
3 3-1/2 mph 3-1/3 mph Width 7-3/8" 4 4-1/2 mph 4-1/4 mph Rpm (Load) 1125 5 6-1/2 mph 6 mph Belt Speed (fpm) 3775 6 11-1/2 mph 10-1/2 mph Reverse 3 mph 2-3/4 mph ENGINE: Type Two-cylinder, cast-in-block, valves-in-head. Engine Speeds: Gears Selective-type, straight spur-cut gears, forged and			•	
4 4-1/2 mph 4-1/4 mph Rpm (Load) 1125 5 6-1/2 mph 6 mph Belt Speed (fpm) 3775 6 11-1/2 mph 10-1/2 mph Reverse 3 mph 2-3/4 mph ENGINE: Type Two-cylinder, cast-in-block, valves-in-head. Engine Speeds: Gears Selective-type, straight spur-cut gears, forged and		•	•	•
5 6-1/2 mph 6 mph 6 lo-1/2 mph 8elt Speed (fpm) 3775 6 11-1/2 mph 10-1/2 mph 7everse 3 mph 2-3/4 mph 7everse 3 mph 2-3/4 mph 7everse 3 mph 2-3/4 mph 7everse 7everse 3 mph 2-3/4 mph 7everse 7everse 7everse 7everse 8elective forward and one in reverse 7everse 8elective forward and one in reverse 9elective forward and one 1elective forward and 1electi	=	• •	•	•
6 11-1/2 mph 10-1/2 mph Reverse 3 mph 2-3/4 mph ENGINE: Type Two-cylinder, cast-in-block, valves-in-head. Engine Speeds: Type Six speeds forward and one in reverse. Gears Selective-type, straight spur-cut gears, forged and	· ·		· -	
Reverse 3 mph 2-3/4 mph TRANSMISSION: ENGINE: Type Two-cylinder, cast-in-block, valves-in-head. Engine Speeds: Type Six speeds forward and one in reverse. Gears Selective-type, straight spur-cut gears, forged and				Belt Speed (fpm) 3775
ENGINE: Type Two-cylinder, cast-in-block, valves-in-head. Engine Speeds: Type Six speeds forward and one in reverse. Gears Selective-type, straight spur-cut gears, forged and	-			TPANSMISSION.
Type Two-cylinder, cast-in-block, valves-in-head. Engine Speeds: Gears Selective-type, straight spur-cut gears, forged and		3 IIIpii	2-3/4 mpn	
valves-in-head. Gears Selective-type, straight Engine Speeds: spur-cut gears, forged and				
Engine Speeds: spur-cut gears, forged and	Type			
7 1	Engine S		.au.	
Load	Load.	· · · · · · · · · · · · · · · · · · ·	1125 rpm	
70 4 7 11	Fast Idle 1260 rpm			
			600 rpm	-
Bore and Stroke 5-1/2" x 6-3/8" pered roller bearings, and	310W I			——————————————————————————————————————
		Stroke 5	-1/2 X 0-3/0	percu roner bearings, and
Displacement 302.9 cubic inches five ball bearings.	Bore and Displaces	ment 302.	,	•
Displacement 302.9 cubic inches five ball bearings. Compression Ratio.	Bore and Displaces	ment 302.	,	five ball bearings.
Displacement 302.9 cubic inches five ball bearings. Compression Ratio Gasoline 6.5 to 1 REAR AXLES:	Bore and Displaces Compres Gasolis	ment 302. sion Ratio.	9 cubic inches 6.5 to 1	five ball bearings.
Displacement 302.9 cubic inches five ball bearings. Compression Ratio.	Bore and Displaces Compres Gasolis	ment 302. sion Ratio.	9 cubic inches 6.5 to 1	five ball bearings. REAR AXLES:
Displacement 302.9 cubic inches Compression Ratio Gasoline	Bore and Displacer Compres Gasolir All-Fu	ment	9 cubic inches 6.5 to 1 4.78 to 1	five ball bearings. REAR AXLES: Diameter
Displacement 302.9 cubic inches Compression Ratio Gasoline 6.5 to 1 All-Fuel 4.78 to 1 LUBRICATION SYSTEM: Type Force-feed pressure system REAR AXLES: Diameter 3-1/8" Bearings Four tapered roller bearings. Types Available Regular and long.	Bore and Displaced Compres Gasolid All-Fu LUBRICA	ment 302. sion Ratio ne el TION SYSTEM	9 cubic inches 6.5 to 1 4.78 to 1 : essure system	five ball bearings. REAR AXLES: Diameter 3-1/8" Bearings Four tapered roller bearings.
The state of the s				-
				roller bearings, four ta-
7 10 1				——————————————————————————————————————
Bore and Stroke 5-1/2" x 6-3/8" pered roller bearings and				nered coller hearings and
pered folier bearings, and		•		
	Bore and		,	•
Displacement 302.9 cubic inches five ball bearings.	Bore and Displaces	ment 302.	,	•
Displacement 302.9 cubic inches five ball bearings.	Bore and Displaces	ment 302.	,	•
Displacement 302.9 cubic inches five ball bearings. Compression Ratio.	Bore and Displaces Compres	ment 302.	9 cubic inches	five ball bearings.
Displacement 302.9 cubic inches five ball bearings. Compression Ratio Gasoline	Bore and Displaces Compres Gasolis	ment 302. sion Ratio.	9 cubic inches 6.5 to 1	five ball bearings.
Displacement	Bore and Displaces Compres Gasolis	ment 302. sion Ratio.	9 cubic inches 6.5 to 1	five ball bearings. REAR AXLES:
Displacement 302.9 cubic inches five ball bearings. Compression Ratio 6.5 to 1 REAR AXLES: All-Fuel 4.78 to 1 Diameter 3-1/8"	Bore and Displaces Compres Gasolis	ment 302. sion Ratio.	9 cubic inches 6.5 to 1	five ball bearings. REAR AXLES: Diameter
Displacement 302.9 cubic inches Compression Ratio Gasoline	Bore and Displacer Compres Gasolir All-Fu	ment	9 cubic inches 6.5 to 1 4.78 to 1	five ball bearings. REAR AXLES: Diameter
Displacement 302.9 cubic inches five ball bearings. Compression Ratio Gasoline 6.5 to 1 All-Fuel 4.78 to 1 LUBRICATION SYSTEM: REAR AXLES: Diameter 3-1/8" Bearings Four tapered roller bearings.	Bore and Displaced Compres Gasolid All-Fu LUBRICA	ment 302. sion Ratio neel TION SYSTEM	9 cubic inches 6.5 to 1 4.78 to 1	five ball bearings. REAR AXLES: Diameter
Displacement 302.9 cubic inches Compression Ratio Gasoline 6.5 to 1 All-Fuel 4.78 to 1 LUBRICATION SYSTEM: Type Force-feed pressure system REAR AXLES: Diameter 3-1/8" Bearings Four tapered roller bearings. Types Available Regular and long.	Bore and Displaced Compres Gasolid All-Fu LUBRICA	ment 302. sion Ratio ne el TION SYSTEM	9 cubic inches 6.5 to 1 4.78 to 1 : essure system	five ball bearings. REAR AXLES: Diameter 3-1/8" Bearings Four tapered roller bearings.
Displacement 302.9 cubic inches Compression Ratio Gasoline	Bore and Displaces Compres Gasolis All-Fu LUBRICA	ment 302. sion Ratio neel TION SYSTEM with full flo	9 cubic inches 6.5 to 1 4.78 to 1 : essure system ow oil filter.	five ball bearings. REAR AXLES: Diameter

Thank you so much for reading.

Please click the "Buy Now!"

button below to download the complete manual.



After you pay.

You can download the most perfect and complete manual in the world immediately.

Our support email: ebooklibonline@outlook.com