

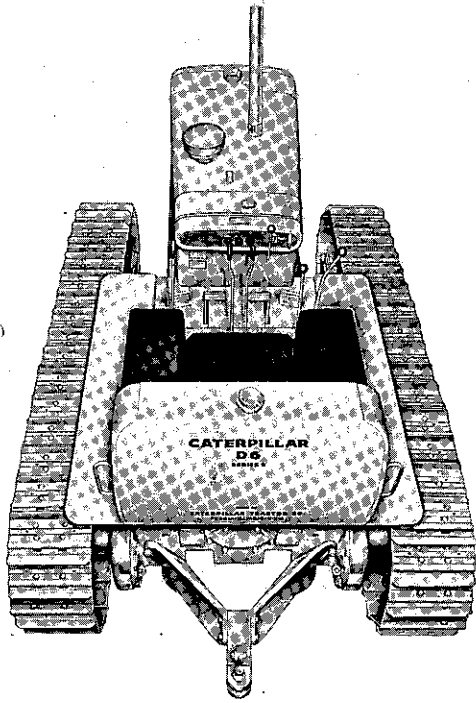
DIESEL TRACTOR

CATERPILLAR

D6

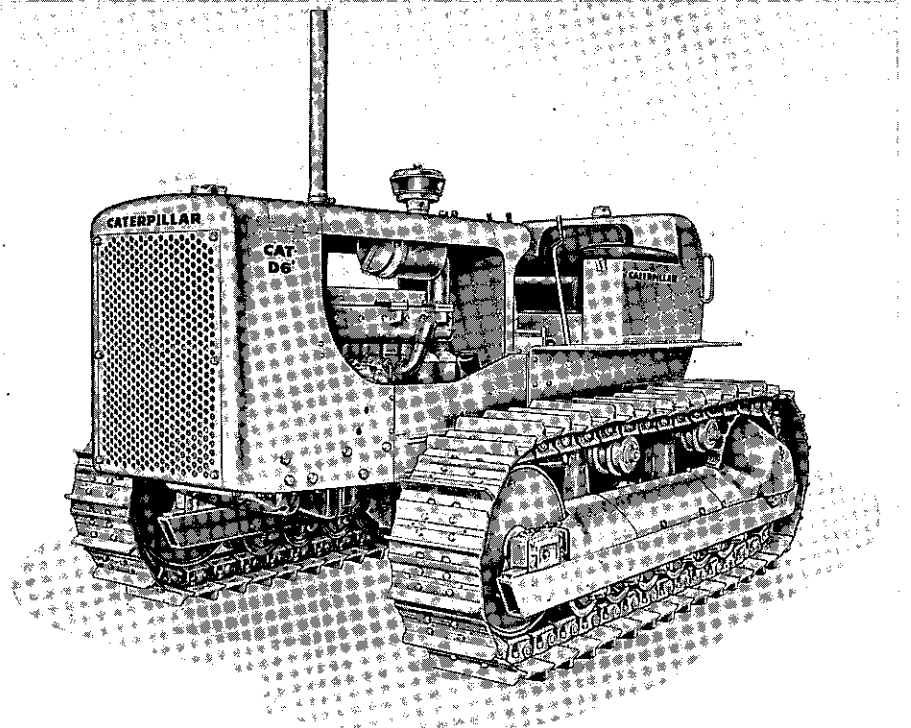
93 HP (Flywheel)

44A Series B



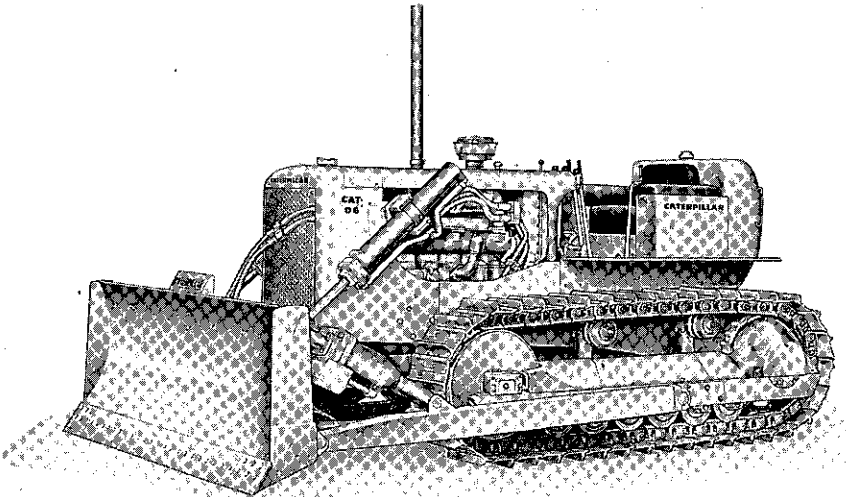
**Coordinated
Operator's
Compartment**

**D6 Series B Tractor shown with
No. 6S Hydraulic Bulldozer, tilt
cylinder and Integral Hydraulic
System. →**



New Cat Diesel Engine with more lug.

Integral Hydraulic System.



D6

DIESEL TRACTOR

Series B

HORSEPOWER:

(Rated at sea level)
 Drawbar 75
 Flywheel 93

♦ OPERATING PERFORMANCE DATA:

Travel Speeds At Rated Engine RPM		Standard Transmission Gear	Drawbar Pull (Lb.)	
MPH	FPM		Rated	Max.
1.7	150	1	17,600	20,180
2.6	229	2	11,000	12,660
3.6	317	3	7,650	8,850
5.0	440	4	4,900	5,710
6.6	580	5	3,390	3,990
Reverse				
2.0	176	1	13,970	16,045
3.2	282	2	8,630	9,965
4.4	387	3	5,900	6,855
6.2	545	4	3,970	4,660

Optional Transmission Available

Maximum available pull will depend on traction and weight of the fully equipped tractor.

ENGINE:

Four-cycle, valve-in-head, Cat Diesel
 Number of cylinders 6
 Bore and stroke 4½" x 5½"
 Piston displacement 525 cu. in.
 RPM—governed at full load 1,600
 RPM—at maximum drawbar pull (point of maximum torque) 1,100
 N.A.C.C. horsepower rating for tax purposes. 48.6
 Lubrication (full flow filtering) Full pressure
 Crankshaft "Hi-Electro" hardened journals
 Bearings (precision-type, steel-backed aluminum alloy) 7 main bearings
 Fuel injection system Caterpillar-built

FUEL: Burns economy-type No. 2 Fuel Oil (ASTM Specification D396-48T), often called No. 2 furnace or burner oil, with a minimum cetane rating of 35. Expensive, premium-quality Diesel Fuel can be used but is not required.

STARTING METHOD: Independent two-cylinder, four-cycle gasoline engine. Cooling system integral with diesel engine. 12-volt electric starter for starting engine is available.

FLYWHEEL CLUTCH: Oil-type, two metallic-faced plates with over-center engagement. Clutch lubricated and cooled by oil circulated under pressure. Connected to the transmission by double universal joint.

TRANSMISSION: Unit construction. Selective type speed change and fast forward-reverse shift.

STEERING:

Clutches (hydraulically boosted) Multiple disc
 Clutch friction material Metallic
 Number of friction surfaces (each clutch) 24
 Brakes Contracting band

CONVERSION TABLE

1 Mile = 1.609 Kilometers	1 Sq. Yd. = 0.836 Sq. Meters
1 Foot = 30.48 Centimeters	1 Sq. Ft. = 929 Sq. Centimeters
1 Inch = 2.54 Centimeters	1 Sq. In. = 6.452 Sq. Centimeters
1 U.S. Gal. = 3.785 Liters	
1 U.S. Gal. = 0.833 Imp. Gals.	

TRACK ROLLER FRAME:

Construction Reinforced box section
 Track rollers, carrier rollers, idlers Lifetime lubricated
 Number of rollers (each side) 6
 Oscillation (inches) 74" gauge 10½"
 60" gauge 11½"

TRACK:

Number of shoes (each side) 40
 Height of standard track shoe 16"
 Height of grouser (measured from ground face of standard track shoe) 2½"
 Length of tracks on ground (center drive sprocket to center front idler) 86¾"
 Area ground contact with 16" track shoes 2,780 sq. in.

CAPACITIES:

U. S. Gal.

Cooling system 11
 Fuel tank 65
 Lubrication system:
 Crankcase 5½
 Steering clutch hydraulic control unit 1½
 Transmission 10½
 Flywheel clutch 2½
 Final drive (each):
 74" gauge 3¼
 60" gauge 2¾

GENERAL DIMENSIONS:

Length (over-all) 12' 7¾"
 Height (measured from tip of grouser of standard track shoe to highest point exclusive of exhaust pipe and precleaner) 6' 3½"
 Width (over-all)
 74" gauge 7' 9½"
 60" gauge 6' 7½"
 Ground clearance (measured from ground face of standard track shoe to lowest point on equalizer spring) 74" gauge... 13½"
 60" gauge..... 14"
 Height drawbar above ground (measured from ground face of standard track shoe)
 High position 17 3/8"
 Low position 14 1/8"

WEIGHT:

Shipping, (approx.)
 74" gauge 17,780 lb.
 60" gauge 17,445 lb.
 Operating, (approx.)
 74" gauge 18,280 lb.
 60" gauge 17,945 lb.

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CATERPILLAR

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Diesel Engines • Tractors • Motor Graders
 Earthmoving Equipment

Materials and specifications are subject to change without notice