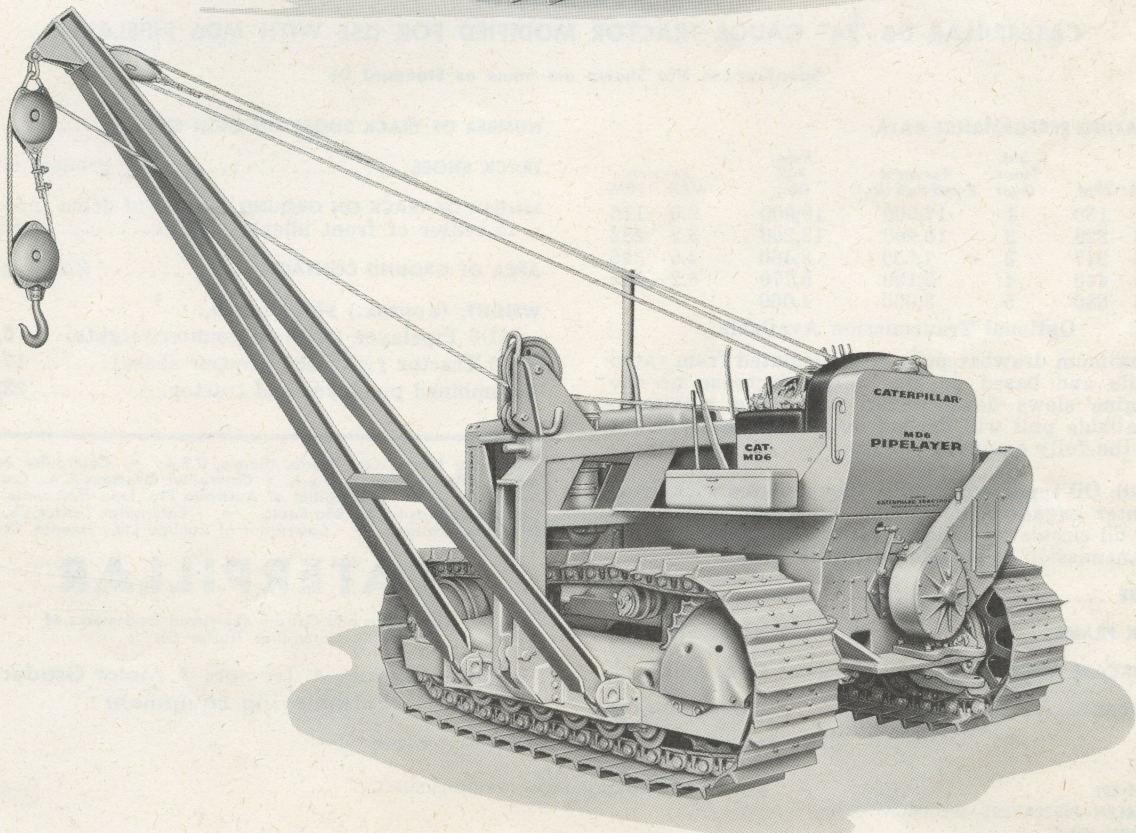
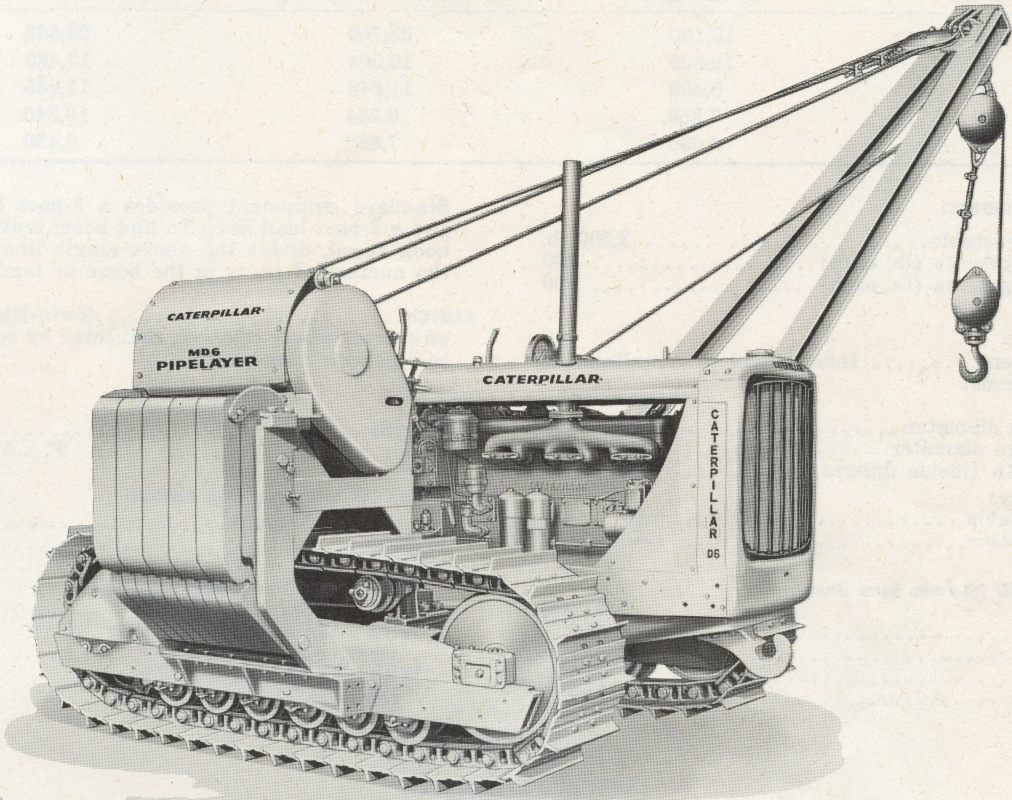


PIPELAYER

CATERPILLAR

MD 6

93 HP (Flywheel) 26,530 Lb. Lifting Capacity



MD 6

PIPELAYER

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.	

LIFTING CAPACITY CHART (lb.)

Feet of overhang	Without counterweights	2,500 lb. non-adjustable counterweights	3,500 lb. non-adjustable counterweights
4	19,100	23,700	26,530
6	12,800	16,004	17,480
8	9,400	11,848	12,955
10	7,350	9,354	10,240
12	6,000	7,692	8,430

COUNTERWEIGHTS:

Non adjustable.....	3,500 lb.
10 Segments (lb. each).....	250
5 Segments (lb. each).....	200

DRUMS:

Operation:.....	Independent or simultaneous	
Dimensions:	Load	Boom
Drum diameter	8½"	8½"
Flange diameter	18"	15"
Length (inside flanges)	12"	5"
Capacity:		
◆ ⅝" Cable	510'	—
◆ ½" Cable	—	175'

CABLE SPEED (Ft./min. bare drum):

	Both drums
First	102'
Second	177'
Third	723'
Reverse	102'

Standard equipment provides a 3-part boom line and a 2-part load line. To find boom travel or load hook speed, divide the above single line speed by the number of parts in the boom or load line.

CLUTCH: Twin-Disc friction on tractor power take-off, connected by roller chain to pipelayer transmission.

BOOM:

Length	12' 6"
Type.....	6" x 6" H. beam

DIMENSIONS (pipelayer and tractor):

Height (less boom).....	6' 10"
Length	12' 3"
Width	
With 2,500 lb. counterweight (less boom)	9' 11¼"
With 3,500 lb. counterweight (less boom)	10' 3½"
With counterweight and boom removed	9' 8⅜"

SPECIFICATIONS OF CATERPILLAR D6 - 74" GAUGE TRACTOR MODIFIED FOR USE WITH MD6 PIPELAYER

Specifications Not Shown are Same as Standard D6

OPERATING PERFORMANCE DATA:

MPH	FPM	Std. Trans. Gear	Forward Rated Pull (lb.)	Max. Pull (lb.)	Reverse MPH	FPM
1.7	150	1	17,000	19,000	2.0	176
2.6	229	2	10,900	12,200	3.2	282
3.6	317	3	7,550	8,460	4.5	396
5.0	440	4	5,150	5,770	6.2	545
6.6	580	5	3,600	4,060		

Optional Transmission Available

Maximum drawbar pulls are calculated from rated pulls and based on the torque increase as the engine slows down under load. The maximum available pull will depend on traction and weight of the fully equipped tractor.

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.

GAUGE	74"
TRACK FRAME	6 Roller non-oscillating
CRANKCASE GUARD	Includes front pull hook
DRAWBAR	Non-swinging

NUMBER OF TRACK SHOES ON EACH SIDE..... 39

TRACK SHOES..... 16" grouser shoes

LENGTH OF TRACK ON GROUND (center of drive sprocket to center of front idler)..... 85¼"

AREA OF GROUND CONTACT..... 2,744 sq. in.

WEIGHT, (approx.) shipping lb.:

MD6 Pipelayer (without counterweights)...	6,058
◆ D6 Tractor (with 16" grouser shoes).....	17,878
◆ Combined pipelayer and tractor.....	23,936

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Earthmoving Equipment

Materials and specifications are subject to change without notice.