

TERRACER COMP/A

MANUFACTURER	SIZE	WEIGHT SHIPPING (Approx.)	DIMENSIONS					BLADE RANGE		
			Length Overall with Gooseneck	Width Overall Less Blade	Height Overall	Wheelbase Drawbar Pin to Rear Axle	Tread Rear	Lift Above Ground	Side Shift	Pitch Positions
CATERPILLAR TRACTOR CO.	No. 2	4880 Lb.	17'-6"	5'-10"	5'-7"	15'-8"	4'-7"	12"	36"	15
	No. 22	2700 Lb.	14'-0"	4'-8"	5'-4"	12'-4"	3'-9"	12"	36"	10
	No. 1	1400 Lb.	12'-1"	4'-6"	5'-0"	10'-9"	3'-10" Flange to Flange	9"	10"	9
J. D. ADAMS CO.	No. 1	4875 Lb.	17'-3"	6'-0"	6'-10"	15'-2"	5'-1/2"	18 1/2"	None	12

MANUFACTURER	SIZE	CIRCLE					DRAWBAR		
		Diameter	Section	Size	Material	Lock Pin Diameter	Size	Shape	Material
CATERPILLAR TRACTOR CO.	No. 2	4'-1"	Angle	5"x4"x3/4"	Structural Steel	1 1/8"	2 (4 1/2"x3 1/2"x3/8" x 3 1/2"x2 1/2"x3/8")	Z-Bar Angle	Structural Steel
	No. 22	3'-6"	Angle	4"x4"x5/8"	Structural Steel	1 1/8"	2-4"x3"x5/8"	Box Reinforced Angle	Structural Steel
	No. 1	3'-1/2"	Tee	3"x3 1/2"x3/8"	Structural Steel	3/4"	2-3 1/2"x2 1/2"x5/8"	Reinforced Angle	Structural Steel
J. D. ADAMS CO.	No. 1	Semi-Cir. 4'-5 1/2" Rev. Cir. 4'-0"	Bar and Angle	6"x1" and 4"x3"x3/8"	Structural Steel	1 3/4"	5"x5"x3/8"	H-Beam 18.9 Lbs. Ft.	Structural Steel

MANUFACTURER	SIZE	LIFTING MECHANISM						
		Design	Gears Material	Worms Material	LIFTING SHAFT			
					Diameter	Material	Bearings Front	Bearings Rear
CATERPILLAR TRACTOR CO.	No. 2	Worm and Gear	Grey Iron	Steel	1 5/8"	H.T. Steel	Spherical Bronze	Ball
	No. 22	Worm and Gear	H. T. Steel Forging	Bronze	1 3/4"	H. T. Steel	Bronze	Bronze
	No. 1	Worm and Gear	Grey Iron	Steel	1 3/8"	SAE 1045 Steel	Plain	Plain
J. D. ADAMS CO.	No. 1	Worm and Gear	Steel	Semi-Steel	2 3/8"	Roller Steel	Spherical Plain	Plain

MANUFACTURER	SIZE	REAR WHEELS							
		Type	Diameter	Bearings	Hubs	Number Spokes	Diameter Spokes	Height Flanges	Scrapers
CATERPILLAR TRACTOR CO.	No. 2	Straight	40"	Tapered Roller	Dust Proof	18	3/4"	2"	Adjustable
	No. 22	Straight	32"	Tapered Roller	Dust Proof	16	5/8"	1 3/4"	Adjustable
	No. 1	Straight	24"	Tapered Roller	Dust Proof	Solid Disk	3/4" Plate	2"	Adjustable
J. D. ADAMS CO.	No. 1	Leaning	40"	Timken	Dust Proof	20	5/8"	None	None

NOTE: (.....) signifies information not available when this form printed. (.....X.....) signifies information not available because of terracer design.

TIRE SPECIFICATIONS

CONTROLS	BLADE ASSEMBLY								Blade Base (a)	Maximum Blade Pressure
	Length	Width	Thickness	Radius of Curvature	Type End Bit	Beams Material	Beams Size	Reinforcement Size		
Hand	10'-0"	20 3/4"	3/8"	12 1/2"	Flush	H. C. Steel	5"x1 1/8"	4x3x1/2" and 2 1/4x2x3/8" Angles	8'-8 1/2"	5370 Lb.
Hand	8'-0"	18"	3/8"	11"	Flush	Rolled Steel	4"x1"	3 1/2"x2 1/2"x1/2" Angle	7'-1"	3100 Lb.
Hand	8'-0"	16 1/2"	3/8"	11"	X	H. C. Steel	3"x1" Bar and 1 1/2" Rod braces	3"x2 1/2"x3/8" Angle	6'-5/8"	1587 Lb.
Hand	10'-0"	21"	3/8"	13"	Flush	Rolled Steel	6"x1"	5"x3"x3/8" Angle	8'-7"	5500 Lb.

Shape	FRAME			REAR AXLE					
	Size	Weight	Clearance	Construction	Material	Size	Length	Spindle Diameter	Spindle Material
Enclosed Channels	6"x3 1/2"	20.9 Lb. Ft.	3'-9"	Sq. Solid	H. T. Nickel Steel Forging	2 1/2" Sq.	5'-9"	2"	H. T. Nickel Steel Forging
Enclosed Channels	4 1/8"x3"	15.4 Lb. Ft.	3'-7"	Sq. Solid	H. T. Nickel Steel Forging	2" Sq.	4'-7"	1 7/8"	H. T. Nickel Steel Forging
Channel	4"	6.25 Lb. Ft.	3'-0"	Sq. Solid	SAE 1045 H. T. Steel	1 1/8" Sq.	4'-2"	1 1/8"	SAE 1045 H. T. Steel
Pipe Struts, H-Beam Drawbar Comb'n.	3" Pipe 5" H-Beam	Extra Heavy Pipe 18.9 Lb. Ft. H-Beam	Maximum 4'-7" Minimum 2'-6"	Built up	Angles	4"x3 1/2"x1/2"	5'-11 1/2"	2 1/4"	Rolled Steel

Lifting Crank Material	LIFTING MECHANISM							
	LIFTING LINK				Compensating Springs	HANDWHEELS		Worm Shaft Bearings
	Diameter	Material	Connections	Wear Take Up		Diameter	Distance Between	
Steel Forging	1 3/4"	H. C. Steel	Ball and Socket	Split Bearings-Shims	Yes	37 1/2"	20"	Tapered Roller
Steel Forging	1 1/2"	H. C. Steel	Ball and Socket	Split Bearings-Shims	None	36"	19 1/2"	Tapered Roller
SAE 1045 Steel	1"	Steel	Ball and Socket	Split Bearings-Shims	None	22"	19"	Plain
Rolled Steel	1 1/4" Square	Steel Forging	Ball and Socket	Split Bearings-Shims	Yes	36"	12"	Timken

REAR WHEELS			OPERATOR'S PLATFORM		LUBRICATION	HITCH		
STEEL TIRES		Weight on Rear Wheels	Size	Height		Adjustable	Number of Positions	Maximum Vertical Adjustment
Width	Thickness							
8"	3/8"	3000 Lbs.	3'-0"x2'-4"	26"	Yes	2	1 3/4"	
5"	3/8"	1750 Lbs.	2'-8"x2'-1"	23"	Yes	2	1 3/4"	
3"	3/8"	900 Lbs.	2'-5"x2'-1"	16"	Yes	3	5"	
6"	5/8"	3100 Lbs.	3'-2"x2'-0"	28 1/2"	No	1	X	

(a) Drawbar pin to cutting edge—blade 90° (across roadbed.)

TERRACERS SMALLER OR OF DIFFERENT TYPE THAN "CATERPILLAR" TERRACER No. 1

THE AMERICAN STEEL SCRAPER COMPANY,
SIDNEY, OHIO.

No. 1 Terracer—6-Ft. Blade—775 Lbs.
No. 2 Terracer—8-Ft. Blade—825 Lbs.

BROWN TOOL COMPANY,
BRECKENRIDGE, TEXAS.

Texas Terracer—5-Ft. Blade—485 Lbs.
Texas Terracer—6-Ft. Blade—568 or 750 Lbs.
Texas Terracer—7-Ft. Blade—620 Lbs.
Texas Terracer—8-Ft. Blade—704 or 785 Lbs.
Three-wheel type, reversible blade.

CONTRACTORS MACHINERY CORPORATION,
BATAVIA, NEW YORK.

Model T-10—10-Ft. Blade—3800 Lbs.

CORSICANA GRADER AND MACHINE COMPANY
CORSICANA, TEXAS.

Model A—6-Ft. Blade—700 Lbs.
Model B—8-Ft. Blade—900 Lbs.
Three-wheel type, reversible blade.

DAVENPORT MANUFACTURING COMPANY,
SOUTH GATE, CALIFORNIA.

Farm Terracer—4-Ft. Blade—256 Lbs.
Farm Terracer—5-Ft. Blade—280 Lbs.
Farm Terracer—6-Ft. Blade—325 Lbs.
Farm Terracer—7-Ft. Blade—395 Lbs.

OWENSBORO DITCHER & GRADER COMPANY,
OWENSBORO, KY.

Martin Model 75—6-Ft. Blade—765 Lbs.
Martin Model 76—7-Ft. Blade—776 Lbs.
Martin Hummer —6-Ft. Blade—525 Lbs.
Three-Wheel type, reversible blade.

THE PARSONS COMPANY, (KOEHRING)
NEWTON, IOWA.

Whirlwind—Moldboard plow with earth slinging vertical auger.

STANDARD STEEL WORKS,
KANSAS CITY, MO.

Wooley Terracer—Small elevating grader type.

WESTERN IRON WORKS,
SAN ANGELO, TEXAS.

Murphy Terracer—10-Ft. Blade—1000 Lbs.