

TRS-1175XHD



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GENERAL

CHAINSAW

Weight: 128,000 - 147,000 Lbs (58,060 kg

- 66,678 kg)* Chainsaw - Dependent on

Configuration

Height: w/Cab -11' 6" (351 cm) with

cab elevated - 13' 11" (424cm)

Transport length with Crumbshoe:

8 ft. boom: 38' 11" (11.86 m)

10 ft. boom: 41' 2" (12.55 m)

12 ft. boom: 45' 11" (14.00 m)

14 ft. boom: 48' 2" (14.68 m)

Transport Width: 124" (315 cm) with 30" (76 cm)

Track Pads

118" (300cm) with 24" (61cm) Track Pads

Transport Height: 11'-6" (351cm) over Cab with

single grouser pads.(Digging Motor Removed)

* Weight calculations based on 54/345 chain with

1-3/4" baseplates. 126,000# (57,273 kg)

Weight based on 8ft Depth (2.4m) x 26" Cut

(66cm), Double-Chain set-up with Boom and

without tractor counterweight.

BUCKET

Weight "Dirt": 135,000 lbs – 142,000 lbs.

(61,235 Kg – 64,410 Kg)

Weight "Rock": 142,000 lbs (64,410 Kg)

Transport Height: 14' 1" (4.3 m) over Wheel with

(3) buckets removed from bottom and (2) from the top

Transport length: 44' 4" (13.51M)

Transport Width: 124" (3.15M) with digging motors

removed, 30" (71 cm) D7 Track Pads

STANDARD FEATURES

Pressurized, Elevating ROPS Cab with air conditioning, heating, and sound suppression

External support structure for elevating cab, wear-pad design with adjustment

Creep control: Operator selectable digging pressure, automatic operation

Battery Box and Toolbox with locking door

Engine doors with security locks

Fuel and Hydraulic Tank: Aircraft quality locking caps

Flywheel Gearboxes and Hydraulic Tanks: Pressurized with 5 PSI filtered breathers

Flywheel Gearboxes: shaved, helical gearing, case hardened for extreme shock load

Vibration isolator mount: used on engine, radiator, oil cooler, and exhaust silencer

Stabilizers / Dirt Drags: Automatically adjust to terrain changes.

Lights: 24 Volt forward facing

ENGINE

Model: Caterpillar C13

Description: Turbocharged and air to air after cooled

Number of cylinders: 6 In-Line

Maximum no load RPM: 2,100

Maximum gross horsepower at no load: 440 (328 kW)

Cooling Medium: Liquid

Cooling Rating: Adequate for 125° F (51.7° C)

ambient air temperature

Air cleaner: Dry type, Centrifugal precleaner with primary and secondary filters

Oil filter: Full flow canister

Fuel filter: Primary and water separator

Electrical system: 12V/24V

Fuel tank capacity: 297 gal. (1,126 L)

Fuel consumption at full load: 22.7 gal/hr. (86 l/hr.)

Operating range: 13 hours

HYDRAULIC SYSTEM

Type: Pressure and flow compensated (Load sensing)

Pump flow maximum: 45 GPM (170 L/min.)

Pressure setting: 2500 PSI (172 Bar)

Oil tank capacity: 177 gallons (671 L)

Oil type: Texaco code 1855, Type "F".

CRAWLER DRIVE

Dual path, hydrostatic drive, planetary transmissions capable of full counter rotation with single lever steering, single lever direction

Infinitely variable speed: Forward and reverse,

High Range: 0 – 3.0 Mph (4.83 km/hr)

Low Range: 0 – 1.6 Mph (2.57 km/hr)

Integral parking and service brake: Spring applied, hydraulic release, wet disc brake

CONVEYOR

Overall Track Length: 146.3" (372 cm)

Track pad type: single, double, or triple grouser

Track chain type: Caterpillar D7

Track chain pitch: 8.500" (21.6 cm)

Track pad width: 30" (76.2 cm), optional 24" (61cm)

Hydrostatic: One pump and two motors

Description: Reversible and shiftable

Belt speed: Infinitely variable 0-1000 FPM (0-305 M/min.)

CHAINSAW

Conveyor belt width: 30" (76.2 cm)

Conveyor length: 12' 9" (389 cm)

Discharge height: 6' 6" (198 cm)

Discharge direction: right or left

BUCKET

Conveyor belt width: 42" (107 cm)

Discharge height: Variable

Manual conveyor fold

TRENCHER DRIVE

CHAINSAW

Hydrostatic: Four pumps and two motors capable of transmitting full engine horsepower

Depths: 8' through 12' (2.44 M through 3.66 M)

Widths: Depths:

26"-42" (66-107 cm) Maximum 8' (2.4 M)

26"-42" (66-107 cm) Maximum 10' (3.05 M)

26"-42" (66-107 cm) Maximum 12' (3.66 M)

Three Operator Selectable Digging Speed Ranges

0-311 FRM (0-94.8 m/min.)

0-466 FPM (0-142 m/min.)

0-622 FPM (0-189.5 m/min.)

Tailwheel diameter: 41.5" (105 cm)

Headshaft diameter: 11" (27.9 cm)

Cutters: Rotary carbide tipped 1-1/2" (3.8 cm)

shank diameter

Digging Chain: 54/345

Optional Crumbshoe Digging Chain Boom Top Roller

Hydraulic Digging Chain Adjustment

Digging Chain Boom Top Roller

Hydraulic Digging Chain Adjustment

BUCKET

Hydrostatic: Four pumps and two motors capable of transmitting full engine horsepower

Depths: 3'-0" Minimum (92cm with boom level)

Maximum 9' ft. (2.74M)

Widths of cut, Dirt: 30" (76 cm) to 54" (137 cm)

Widths of cut, Rock: 30" (76 cm)

Three operator selectable Wheel Speeds

0-6.8 RPM

0-10.3 RPM

0-13.7 RPM

Digging Rims: 1-1/2" Plate (3.8cm) with forged steel segments multiple drilled for (15) or (18) bucket set-up

Dirt Buckets: (15) especially designed shovelnose-buckets (1" plate) with standard dirt pockets

Rock Buckets: (18) especially design buckets for rock (1-1/2 plate) with pockets to accept conical teeth

Dirt cutters: spade-type teeth

Rock cutters: Rotary carbide tipped 1-1/2 diameter (3.8cm) shank

Center pull articulated wheel

Heavy-duty trapezoid design boom

Heavy-duty hydraulic lift and tilt cylinders

Fixed crumbshoe

Hardened alloy steel shaft with multiple flanges for easy "digging-width" changes

Hardened reversible split drive sprockets

Four truck assemblies, two upper and two lower with Standard 14" (35.6 cm) ride diameter wheels

Factory set heavy-duty tapered roller bearings

Heavy-duty mechanical seals with replaceable elements

OPTIONS

Cab Anti-Vandalism Window Covers

Work Light Package: 24V, for night use

Air Compressor

Laser Control System Pre-Wire

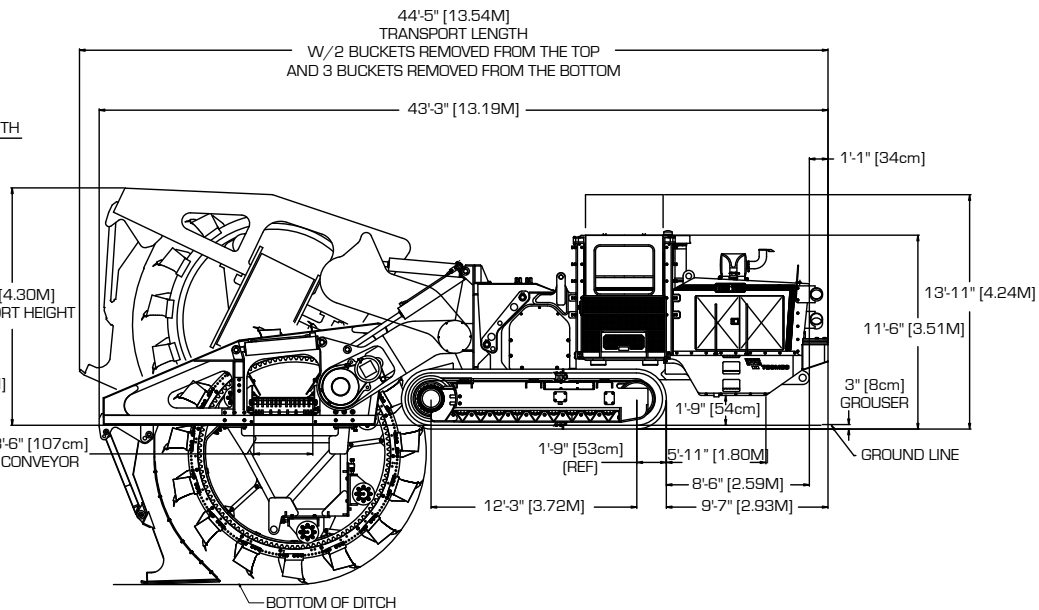
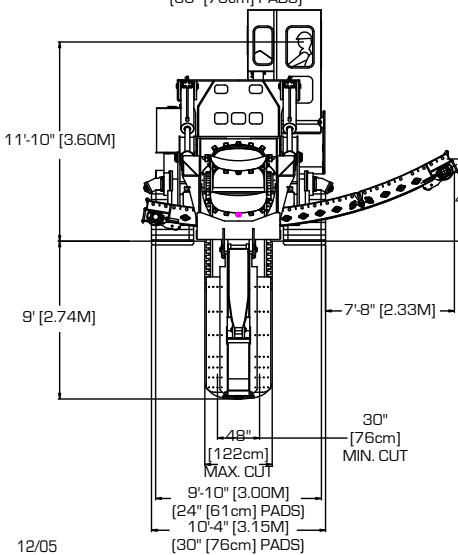
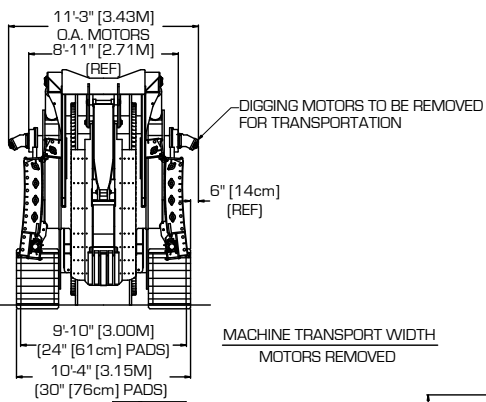
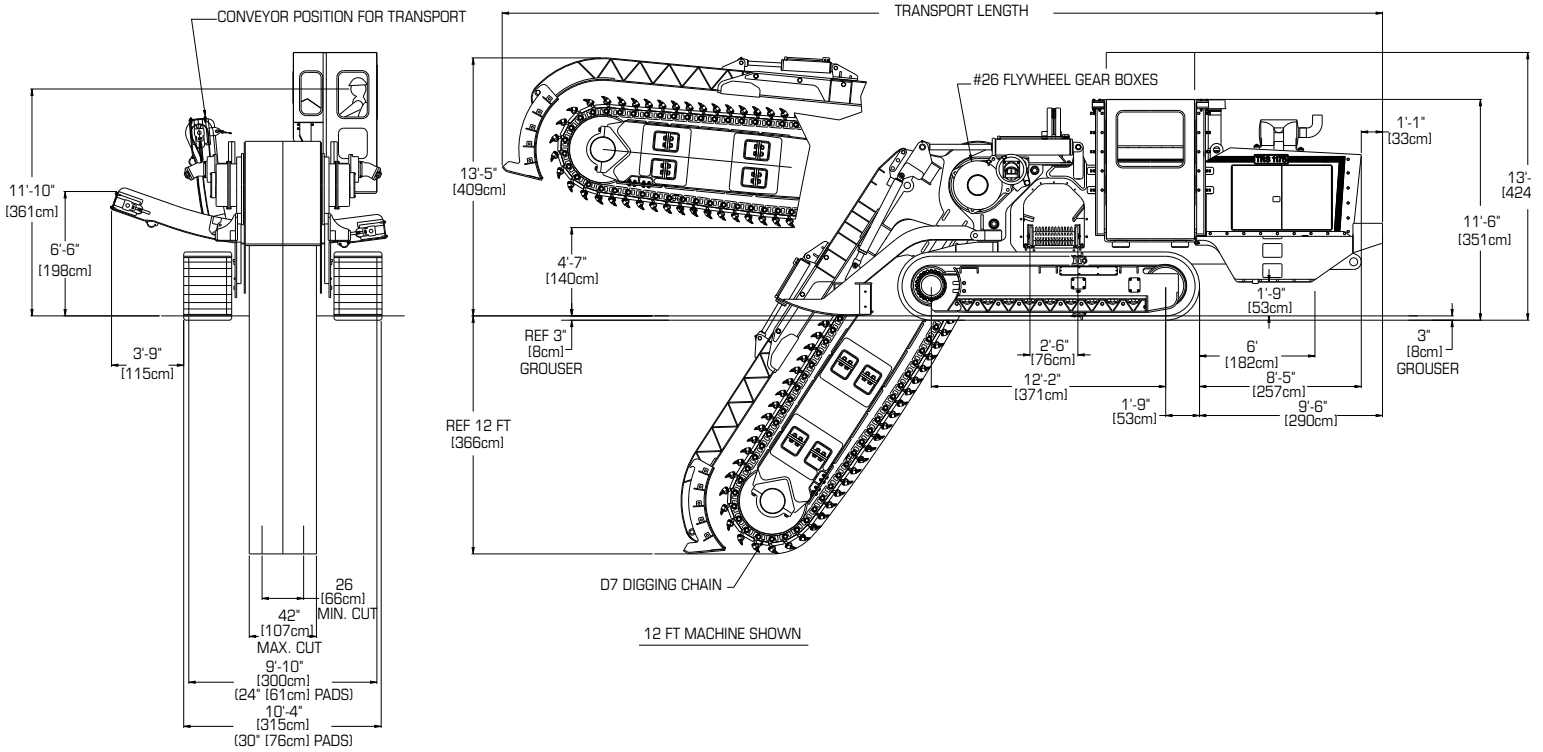
Hydraulic Crumbshoe

Twin Hose Reel Package: Connections to power hydraulic tools

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Series Specifications





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