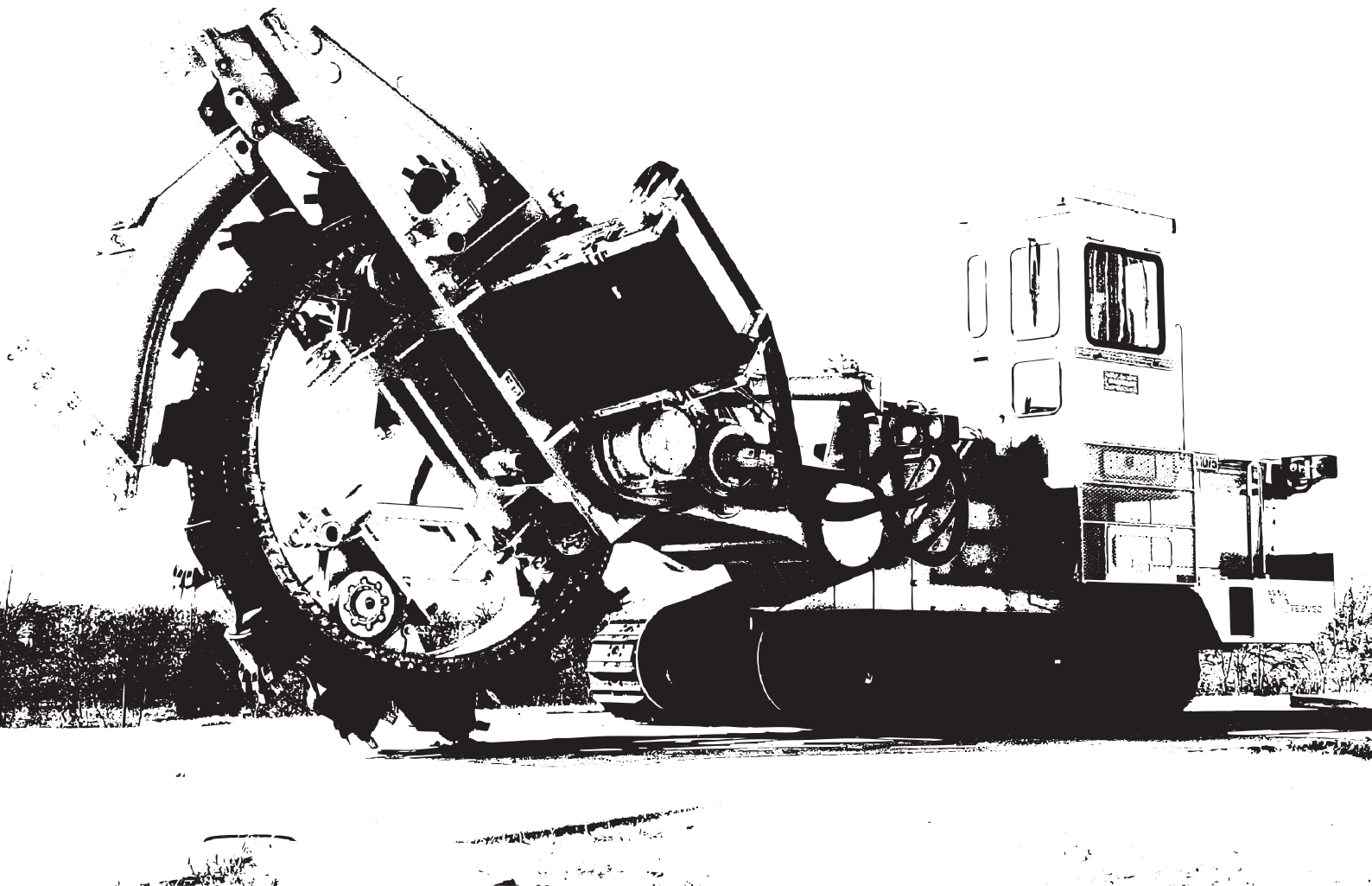


BUCKET WHEEL





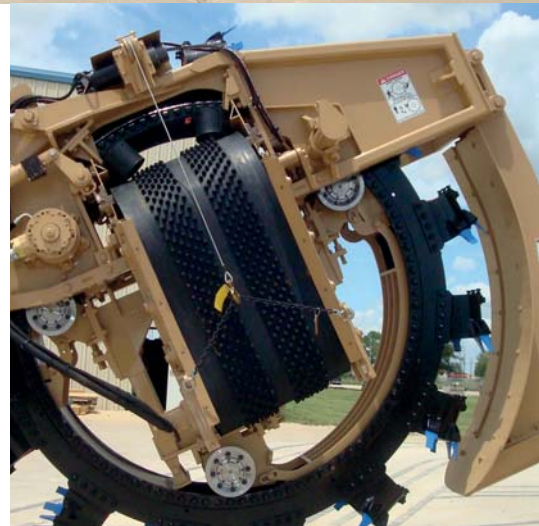
TESMEC
Trencher

Dirt series 775DT BW



BUCKET WHEEL VERSION OF THE 775DT CS, THIS LIGHT BUCKET-TRENCHER CAN GRANT AN EVEN AN EVEN HIGHER PRODUCTIVITY IN TERMS OF METERS-YARDS PER HOUR. TRENCHTRONIC EQUIPPED, THIS MACHINE HAS BEEN SPECIALLY DEVELOPED TO BE EMPLOYED IN "DIRT" EXCAVATION; ITS COMPACT DIMENSIONS AND WEIGHT MAKE THE 775DT BW VERY EASY TO USE AND TRANSPORT.

powered by

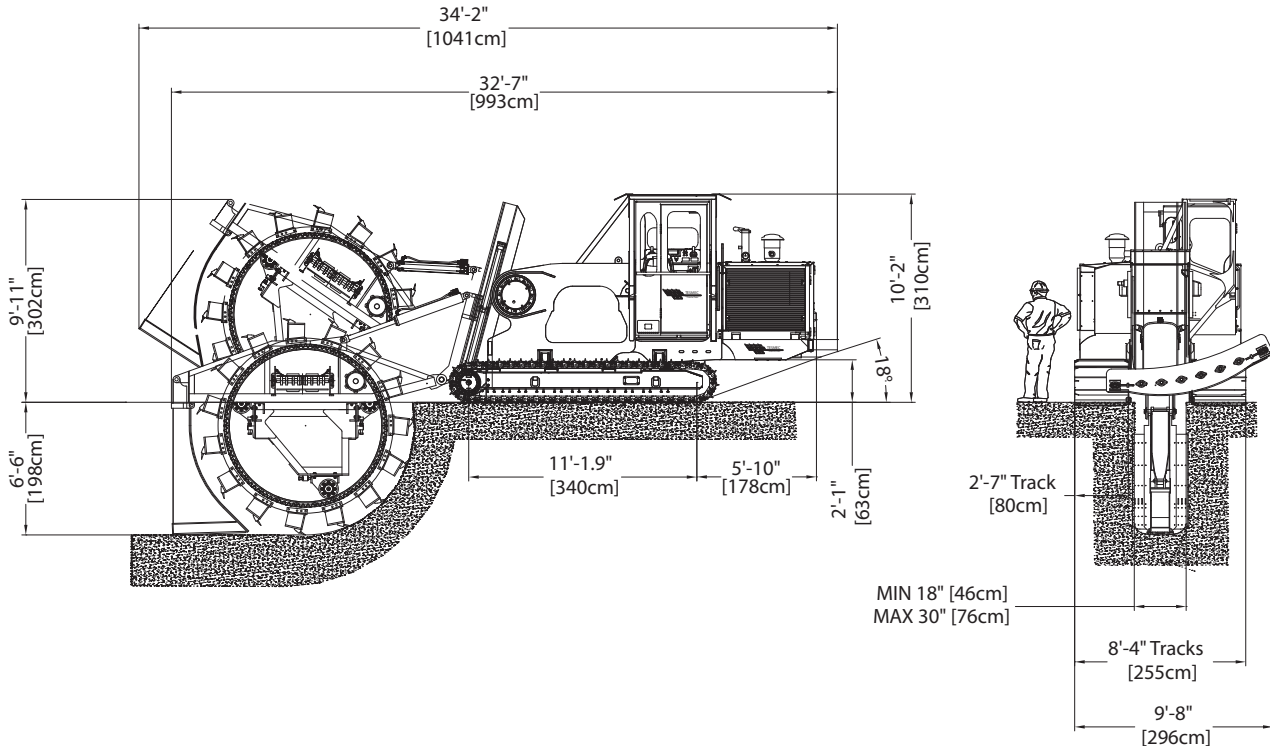


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0250



Standard Features

Pressurized cab with air conditioning, heating, sound suppression and ROPS structure
TrenchTronic 3.0 electronic machine control with:

- Operator selectable digging pressure and automatic operation
- Fully automatic operation
- Remote diagnostic system

Electrical system: 24 V

Self-leveling (tilting) undercarriage:

- Track tilt angle: 10°
- Automatic/manual operation

Trenching Dimensions

Max depth.....6' 6" (198 cm)

Widths range.....18"-30" (46-76 cm)

Note: ask to Tesmec Trenchers Technical Department for the max width at max depth configuration

Engine

Model.....CAT C6.6 TA Tier 3

Max horsepower.....225 hp (168 kW)

Max no load rpm.....2.200 rpm

Fuel tank capacity.....121.5 gal (460 l)

Fuel consumption.....12.2 gal/hr (46 l/hr) at full load

Cooling rating adequate for 130° F (54.4° C) ambient air temperature

Air cleaner: dry type 2 stages with pre-cleaner and automatic dust ejection

Operating and Transport Weight

Estimated weight.....47,000-52,000 lbs

.....(21.318-23.587 kg)

Ground pressure.....5.75-6.36 psi

.....(0.39-0.43 kg/cm²)

Note: dependent on configuration and options

Trencher Drive

Hydrostatic: one pump and two motors

Infinitely variable digging wheel speeds...0-12 rpm

Dirt cutters: spade-type teeth

Fixed crumbshoe: with manual quick disconnect

Wheel truck assemblies:

- Six assemblies, two upper and one lower with standard 10" (25.4 cm) diameter wheels
- Modular designed "Truck-spindle and bearings" are the same on all assemblies

Headshaft assembly:

- Alloy steel shaft with keyway, hubs and tapered keys for multiple bucket setups
- Hardened, reversible split drive sprockets

Crawler Drive

Hydrostatic drive, planetary transmissions capable of full counter rotation with single lever steering, single lever direction

Infinitely variable speed: forward and reverse

Speed range..... 0-2.1 mph (0-3.3 km/hr)

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

Tracks

Overall track length.....11' 1.9" (340 cm)

Track pad type: single grouser, chamfered edges

Track chain type: FL6

Track pad width.....2' 7" (80 cm)

Hydraulic Transmission

Pressure and flow compensated (load sensing)

Pump flow maximum.....53 gpm (201 l/min)

Pressure setting.....2.600 psi (180 bar)

Oil tank capacity.....77 gal (290 l)

Cross Conveyor

Pressure and flow compensated pump with dual hydraulic drive motors

Reversible and shiftable

Belt speed infinitely variable

.....0-820 fpm (0-250 m/min)

Discharge direction: right or left

Conveyor belt width.....1' 6" (76 cm)

Conveyor length.....8' 4" (255 cm)

Discharge height.....3' (91.44 cm) at max digging depth.....6' 6" (198 cm)

Transport Dimensions

Length.....34' 2" (1.036 cm)

Width.....8' 4" (255 cm)

Height over cab and10' 2" (310 cm) with 3 bottom buckets removed

Available Devices

Work light package: 24 V, for night use
Automatic laser control system for depth control (Trimble make)



TESMEC
Trencher

1075 BW



THE 1075 BW MODEL HAS BEEN DESIGNED AS A HIGH-PRODUCTIVITY TRENCHER FOR PIPELINES AND UTILITIES PROJECTS IN DIRT AND LIGHT ROCKY SOILS. ITS BUCKETS CAN BE EQUIPPED WITH CONICAL OR SPADE TOOLS TO ENSURE THE MAXIMUM PRODUCTIVITY ACCORDING TO THE RELEVANT GROUND CONDITIONS.



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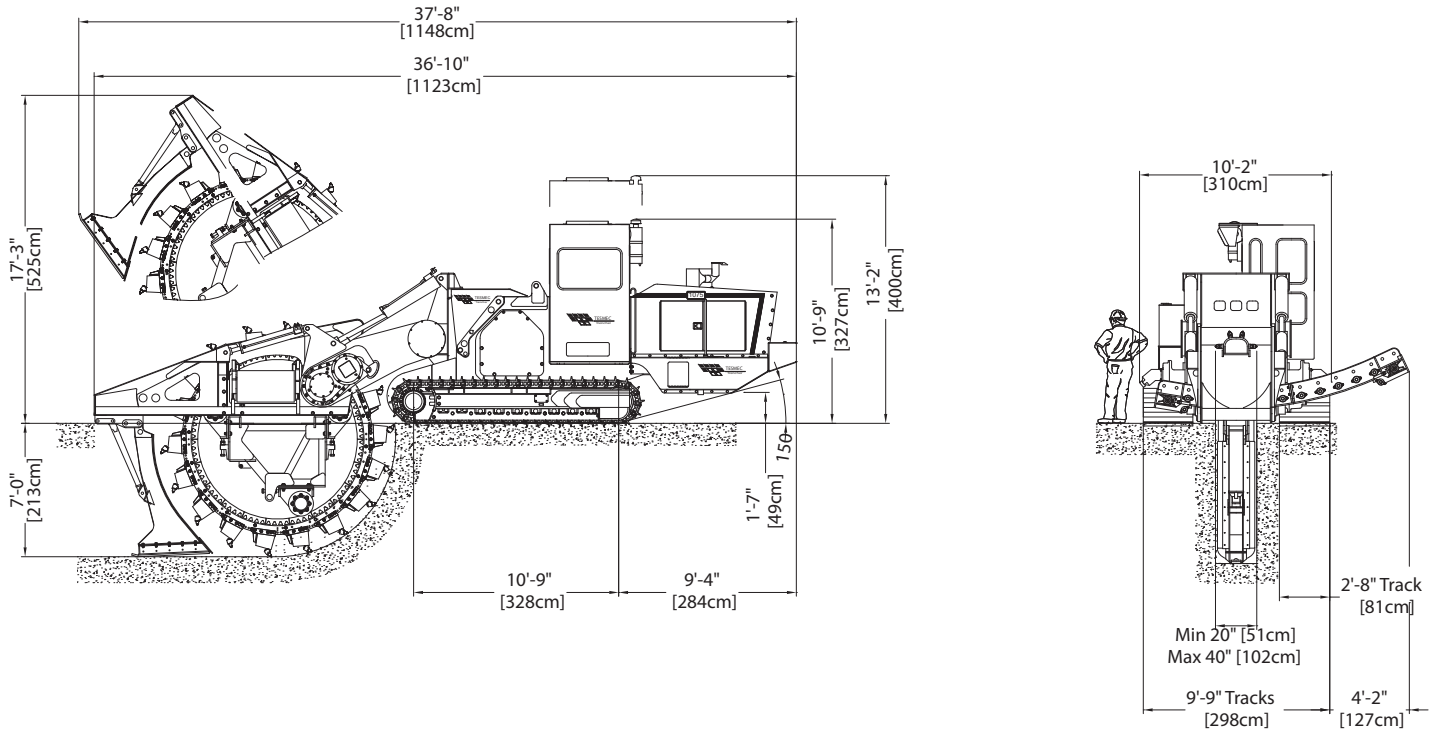
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0600



Standard Features

- Pressurized cab with air conditioning, heating, sound suppression
- Elevating cab module with roll over protection (ROPS)
- Load control: operator selectable digging pressure, automatic operation
- Stabilizers with adjustable berm scrapers on Chainsaw model
- Electrical system: 12 V / 24 V

Trenching Dimensions

- Digging depth, dirt.....standard 7 ft (213 cm)
- Digging depth, dirt.....optional 8 ft (244 cm with the Tesmec "Extended-Depth Buckets"
- Digging depth, rock.....7 ft (213 cm)
- Widths of cut: 7 ft-Dirt.....20" Min. (11" Bucket) to max. 40" (28" bucket) (51-102 cm)
- Widths of cut: 8ft-Dirt.....20" Min. (11" Bucket) to Max. 24" (16" Bucket) (51-61 cm)
- Widths of cut: 7ft-Rock.....20" Min. (11" Bucket) to 26" (16" Bucket) (51-66 cm)

Engine

- Model.....CAT C9 ACERT Tier 3
- Max horsepower.....325 hp (242 kW)
- Max no load rpm.....2.200 rpm
- Fuel tank capacity.....216 gal (818 l)
- Fuel consumption.....16.9 gal/hr (64 l/hr) at full load
- Cooling rating adequate for 125° F (51.7° C) ambient air temperature
- Air cleaner: dry type, centrifugal precleaner with primary and secondary filters

Operating and Transport Weight

- Weight "Dirt"83,000-92,000 lbs (37.467-41.730 kg)
- Weight "Rock"87,000-92,000 lbs (39.462-41.730 kg)

Note: dependent on configuration and options

Trencher Drive

- Hydrostatic: two pumps and two motors capable of transmitting full engine horsepower
- Digging wheel speed.....0-11.5 rpm

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.....0-2.5 mph (0-4.0 km/hr)
 - Low range.....0-1.3 mph (0-2.1 km/hr)
- Integral parking brake: spring applied, hydraulic release, wet disc brake

Tracks

- Overall track length.....10' 9" (328 cm)
- Track pad type: single, double, or triple grouser
- Track chain type: Caterpillar D5
- Track pad width.....2' 8" (81 cm)

Hydraulic Transmission

- Pressure and flow compensated (load sensing)
- Pump flow maximum.....45 gpm (170 l/min)
- Pressure setting.....2.500 psi (172 bar)
- Oil tank capacity.....108 gallons (408.7 l)

Conveyor

- Pressure and flow compensated pump with dual hydraulic drive motors
- Reversible and shiftable
- Belt speed infinitely variable
 -0-1.000 fpm (0-304.8 m/min)
- Discharge direction: right or left
- Conveyor belt width.....2' 12" (91.4 cm)
- Conveyor length.....13' (396 cm)
- Discharge height.....3' 5" (104 cm)

Transport Dimensions

- Length.....37' 0" (1.127 cm)
- Width without digging motors.....9' 9" (296 cm)
- Width with digging motors.....10' 2" (310 cm)
- Height with cab.....10' 9" (327 cm)
- Height with cab elevated.....13' 2" (400 cm)
- Height with crumbshoe.....10' 6" (320 cm) (over Cab with single grouser pads)
- (3-bottom buckets and 2-top buckets removed on "dirt set-up" & 3 and 3 on "rock set-up")
- Height with roll-up crumbshoe.....11' 5" (348 cm) (over cylinder with single grouser pads) with respective (dirt/rock) buckets removed

Available Devices

- Sight rod kit (2 types)
- Sloper kit (for use with customer supplied cable and ends)
- Hydraulic winch for conveyor fold



TESMEC
Trencher

1175XHD BW



60 METRIC TON-CLASS **BUCKET WHEEL** TRENCHER FOR MID TO BIG SIZE PIPELINES AND UTILITIES EXCAVATION IN "DIRT" AND LIGHT ROCKY SOILS; THE 1175XHD MODEL IS AS A HIGH-PRODUCTIVITY MACHINE THAT CAN BE EQUIPPED WITH CONICAL OR SPADE TOOLS TO ENSURE THE MAXIMUM PRODUCTIVITY ACCORDING TO THE DIFFERENT GROUND CONDITIONS.



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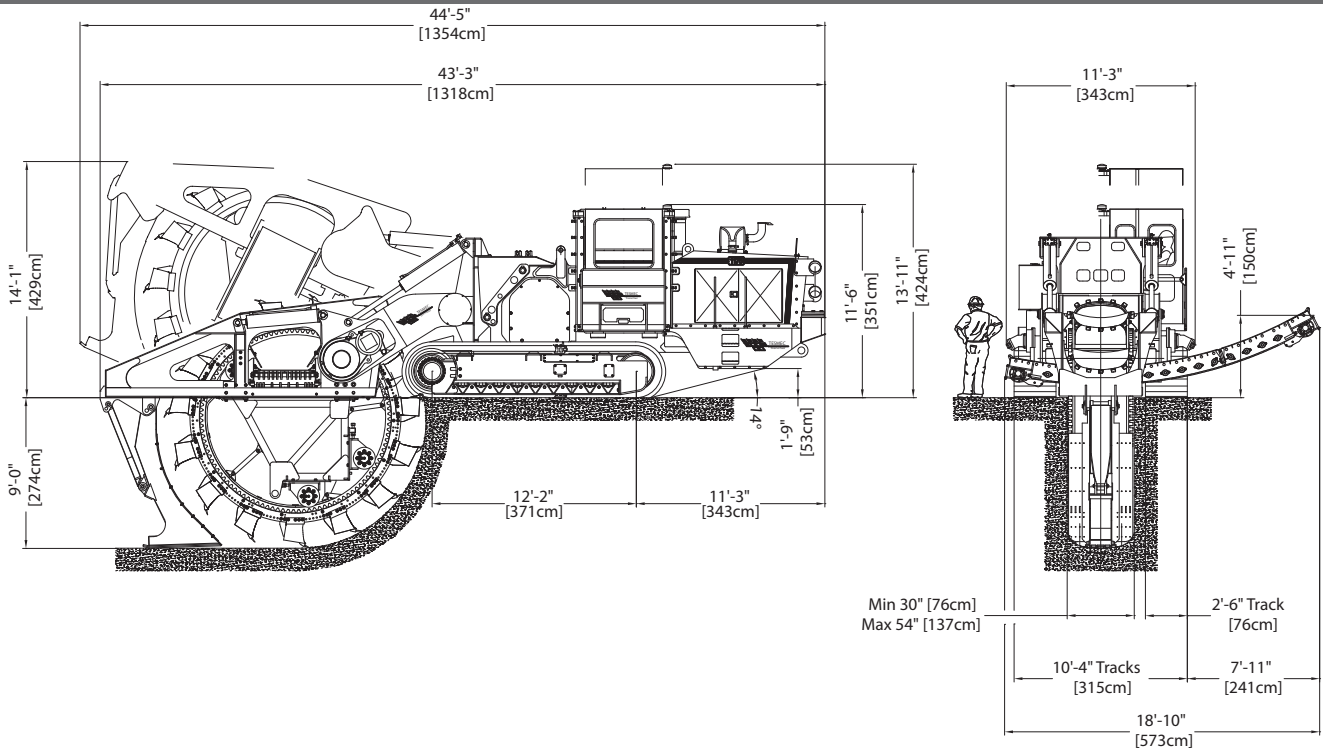
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1100



Standard Features

- Pressurized cab with air conditioning, heating, sound suppression
- Elevating cab module with roll over protection (ROPS)
- External support structure for elevating cab, wear-pad design with adjustment
- Load 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 (0.3 bar) filtered breathers
- Vibration isolator mount: used on engine, radiator, oil cooler, and exhaust silencer
- Stabilizers / dirt drags: automatically adjust to terrain changes.
- Lights: 24 V forward facing
- Electrical system: 12 /24 V

Trenching Dimensions

- Depths
-3 ft min (91 cm with boom level)
 -max 9 ft (274 cm)
- Widths of cut, Dirt.....30" (76 cm) to 54" (137 cm)
- Widths of cut, Rock.....30" (76 cm)

Note: dependent on configuration and options

Engine

- Model.....CAT C13 ACERT Tier 3
- Max horsepower.....440 hp (328 kW)
- Max no load rpm.....2.100 rpm
- Fuel tank capacity.....295 gal (1.124 l)
- Fuel consumption.....22.7 gal/hr (86 l/hr) at full load
- Cooling rating adequate for 122° F (50° C) ambient air temperature
- Air cleaner: dry type, centrifugal precleaner with primary and secondary filters

Operating and Transport Weight

- Weight "Dirt"135,000-142,000 lbs (61.235- 64.410 kg)
- Weight "Rock"142,000 lbs (64.410 kg)

Note: dependent on configuration and options

Trencher Drive

- Hydrostatic: four pumps and two motors capable of transmitting full engine horsepower
- Three operator selectable wheel speeds: 0-6.8 rpm, 0-10.3 rpm, 0-13.7 rpm
- 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

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
- Speed ranges:
 - High range.....0-3.0 mph (0-4.83 km/hr)
 - Low range.....0-1.6 mph (0-2.57 km/hr)
- Integral parking and service brake: spring applied, hydraulic release, wet disc brake

Tracks

- Overall track length.....12' 2" (371 cm)
- Track pad type: single, double or triple grouser
- Track chain type: Caterpillar D7
- Track pad width.....2' 6" (76.2 cm)
- Optional track pad width.....2' (61 cm)

Hydraulic Transmission

- Pressure and flow compensated (load sensing)
- Pump flow maximum.....45 gpm (170 l/min)
- Pressure setting.....2.500 psi (172 bar)
- Oil tank capacity.....177 gal (670 l)

Cross Conveyor

- Pressure and flow compensated pump with dual hydraulic drive motors
- Reversible and shiftable
- Belt speed infinitely variable
-0-750 fpm (0-229 m/min)
- Discharge direction: right or left
- Conveyor belt width.....3' 5" (107 cm)
- Discharge height: variable
- Manual conveyor fold

Transport Dimensions

- Length.....44' 5" (1.354 cm)
- Width.....10' 4" (315 cm) with digging motors removed, 30" (76 cm) D7 track pads
- Height.....14' 1" (429 cm) over wheel with (3) buckets removed from bottom and (2) from the top

Available Devices

- Work light package: 24 V, for night use
- Laser control system pre-wire
- Hydraulic crumbshoe
- Cab anti-vandalism window covers
- Air compressor
- Twin hose reel package: connections to power hydraulic tools



TESMEC
Trencher

1375 BW



70 METRIC TON-CLASS **BUCKET WHEEL** TRENCHER CONCEIVED AS A HIGH-PRODUCTIVITY MACHINE FOR BIG DIAMETER PIPELINES AND UTILITIES PROJECTS IN DIRT AND LIGHT ROCKY SOILS, THIS MODEL CAN DIG UP TO **9'6" (291 CM)** DEEP AND **66" (168 CM)** WIDE. ITS BUCKETS CAN BE EQUIPPED WITH CONICAL OR SPADE TOOLS TO ENSURE THE MAXIMUM PRODUCTIVITY ACCORDING TO THE DIFFERENT GROUND CONDITIONS.



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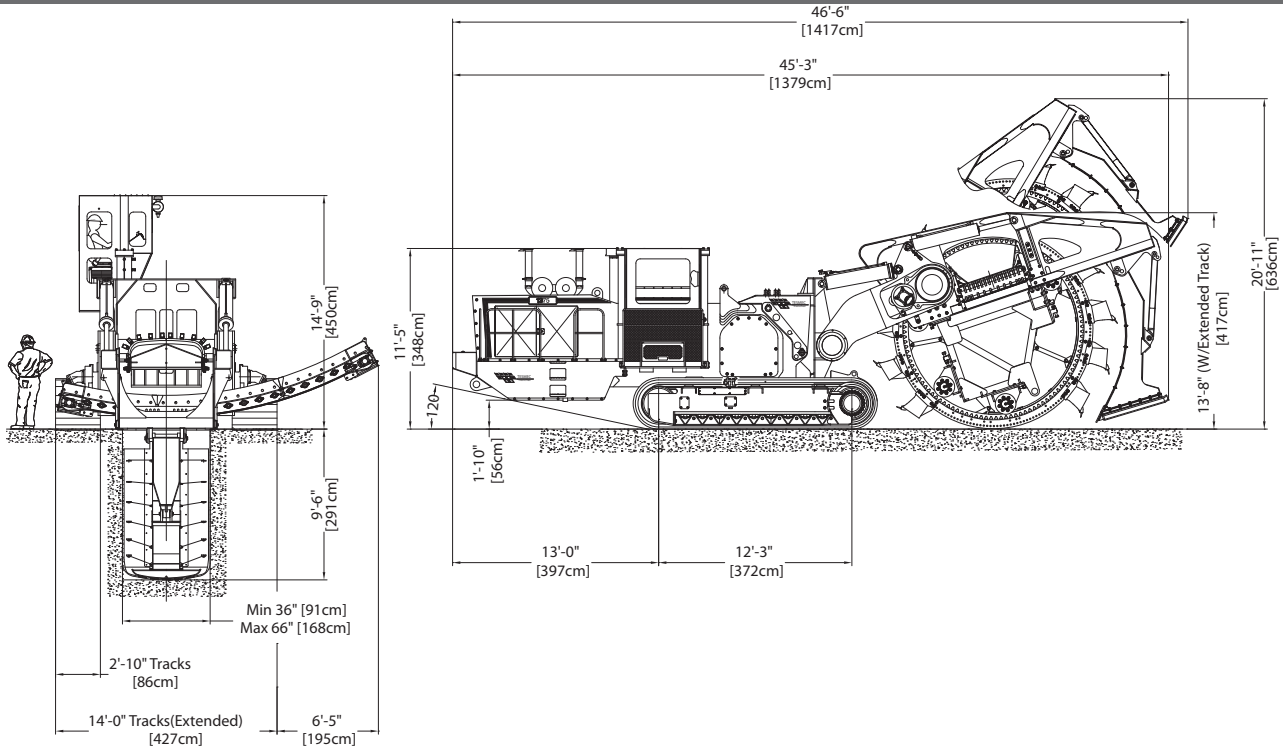
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1300



Standard Features

- Pressurized cab with air conditioning, heating, sound suppression
- Elevating cab module with roll over protection (ROPS)
- Load control: operator selectable digging pressure, automatic operation
- Toolbox with locking doors
- Engine doors with security locks
- Fuel and hydraulic tank: aircraft quality locking caps
- Gearboxes and hydraulic tanks: pressurized with 5 psi (0.3 bar) filtered breathers
- Flywheel gearboxes: shaved, helical gearing, case hardened for extreme shock load
- Vibration isolator mounts: used on engine, radiator, oil cooler
- External support structure for elevating cab, wear-pad design with adjustment
- Center pull articulated wheel
- Radial arm articulation
- Heavy-duty trapezoid design boom
- Heavy-duty hydraulic lift and tilt cylinders
- Fixed crumbshoe
- Extendable undercarriage
- Electrical system: 24 V starting, 12 V controls

Trenching Dimensions

- Depths minimum 3 ft (91 cm) with boom level
-maximum 9' 6" (291 cm)
- Widths of cut.....from 36" (91 cm) to 66" (168 cm)
- Note:** dependent on configuration and options

Engine

- Model.....CAT C15 ACERT Tier 3
- Max horsepower.....540 hp (403 kW)
- Max no load rpm.....2.100 rpm
- Fuel tank capacity.....376 gal (1.423 l)
- Fuel consumption.....28.9 gal/hr (109.4 l/hr) at full load
- Cooling rating adequate for 122° F (50° C) ambient air temperature
- Air cleaner: dry type, centrifugal pre-cleaner with primary and secondary filters

Operating and Transport Weight

- Weight.....160,000-175,000 lbs (72.575–79.379 kg)
- Note:** dependent on configuration and options

Trencher Drive

- Hydrostatic: four pumps and two motors
- Three operator selectable digging speed ranges:
 -0-7 rpm (351 ft/min) (107 m/min)
 -0-10 rpm (500 ft/min) (152 m/min)
 -0-12 rpm (600 ft/min) (183 m/min)
- Digging rims: 1 1/2" Plate (3.81 cm) with forged steel segments multiple drilled for (15) or (18) bucket set-up
- Available cutters: rotary carbide tipped 1 1/2 diameter (3.81 cm) shank, H&L dirt teeth and pockets, TESMEC combo pockets for dirt & conical tools, ESCO type teeth and adaptors

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
- Speed ranges:
 - High range.....0-2.06 mph (0-3.3 km/hr)
 - Low range.....0-1.17 mph (0-1.87 km/hr)
- Integral parking and service brake: spring applied, hydraulic release, wet disc brake

Tracks

- Overall track length.....12' 3" (372 cm)
- Track pad type: single grouser
- Track chain type: Caterpillar D7
- Track pad width.....2' 10" (86 cm)

Headshaft Assembly

- Hardened alloy steel shaft with multiple flanges for easy "digging-width" changes
- Hardened reversible split drive sprockets

Wheel Truck Assemblies

- Four 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

Hydraulic Transmission

- Pressure and flow compensated (load sensing)
- Pump flow maximum.....45 gpm (170 l/min)
- Pressure setting.....2.500 psi (172 bar)
- Oil tank capacity.....203 gal (768 l)

Cross Conveyor

- Hydrostatic: one pump and two motors
- Reversible and shiftable
- Belt speed infinitely variable
 -0-1.000 fpm (0-305 m/min)
- Discharge direction: right or left
- Conveyor belt width.....4' (122 cm)
- Discharge height: variable
- Manual conveyor fold

Transport Dimensions

- Length.....45' 3" (1.379 cm)
- Width.....144" (366 cm) with digging motors removed, 2' 10" (86 cm) D7 track pads
- Height.....14' 4" (437 cm) (over wheel with lower and upper buckets removed, and single grouser pads)
- Width with extended tracks.....14' (427 cm)
- Height.....13' 8" (417 cm) over wheel with (3) buckets removed from bottom and (2) from the top

Available Devices

- Work light package: 24 V, for night use
- Laser control system
- Cab anti-vandalism window covers
- Twin hose reel package: connections to power hydraulic tools
- Straight conveyor with winch fold



TESMEC
Trencher

1575 BW



TESMEC'S LARGEST **BUCKET WHEEL** IS CONCEIVED AS A HIGH-PRODUCTIVITY MACHINE FOR BIG DIAMETER PIPELINES AND UTILITIES PROJECTS IN "DIRT" AND LIGHT ROCKY SOILS. ITS BUCKETS CAN BE EQUIPPED WITH CONICAL OR SPADE TOOLS TO ENSURE THE MAXIMUM PRODUCTIVITY ACCORDING TO THE DIFFERENT GROUND CONDITIONS. **NO OTHER TRENCHER MACHINE CAN GRANT SUCH PRODUCTIVITY IN TERMS OF LINEAR METERS PER HOUR (FOOT PER MINUTE).**



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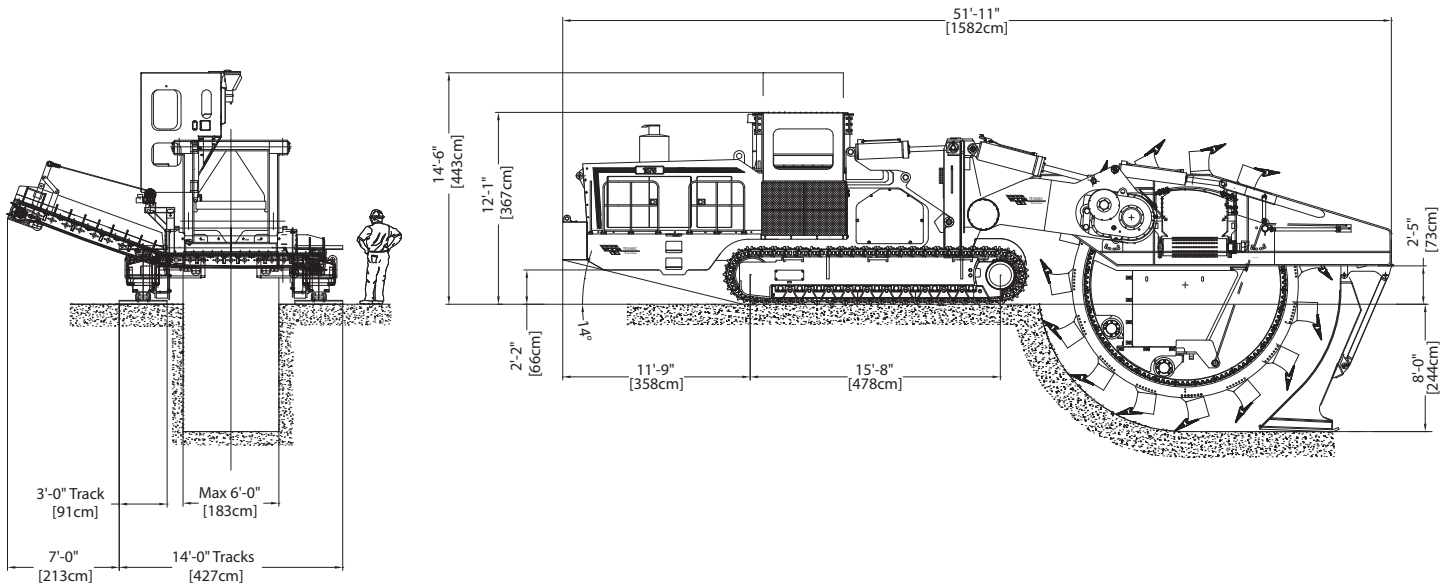
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1600



Standard Features

- Pressurized cab with air conditioning, heating, sound suppression
- Elevating cab module with roll over protection (ROPS)
- Load control: operator selectable digging pressure, automatic operation
- Battery box and toolbox with locking door
- Engine doors with security locks
- Gearboxes and hydraulic tanks: pressurized with 5 psi (0.3 bar) filtered breathers
- Flywheel gearboxes: shaved, helical gearing, case hardened for extreme shock load
- Vibration isolator mount: used on engine, radiator, oil cooler, exhaust silencer, and cab
- Center pull articulated wheel
- Radial arm articulation with quick disconnect mast
- Heavy-duty design boom
- Heavy-duty hydraulic lift and tilt cylinders
- Extending undercarriage
- Fixed crumbshoe
- Electrical system: 24 V starting, 12 V controls

Trenching Dimensions

- Depths 3' 8" through 10' (112 cm through 304 cm)
- Width 34" (86 cm) buckets 42"-52" (107-132 cm)
- Cut 15 or 18 buckets
- Width 46" (117 cm) buckets 54"-66" (137-168 cm)
- Cut 15 or 18 buckets
- Width 64" (163 cm) Buckets 72" (183 cm)
- Cut 15 or 18 buckets

Note: dependent on configuration and options

Engine

- Model.....CAT C18 ACERT Tier 3
- Max horsepower.....630 hp (470 kW)
- Max no load rpm.....2.100 rpm
- Fuel tank capacity.....500 gal (1.893 l)
- Fuel consumption.....34.6 gal/hr (131 l/hr) at full load
- Cooling rating adequate for 130° F (54.4° C) ambient air temperature
- Air cleaner: dry type, centrifugal pre-cleaner with primary and secondary filters

Operating and Transport Weight

- Weight.....210,000-248,000 lbs (95.255-112.491 kg)
- Note:** dependent on configuration and options

Trencher Drive

- Hydrostatic: four pumps and two motors capable of transmitting full engine horsepower
- Three operator selectable digging speed ranges:
 -1st: 0-345 fpm (0-105 m/min) (6 rpm)
 -2nd: 0-518 fpm (0-158 m/min) (9 rpm)
 -3rd: 0-633 fpm (0-193 m/min) (11 rpm)
- Cutters: spade type teeth, rotary carbide tipped 1 1/2" (3.8 cm) shank diameter teeth, or ESCO teeth
- Digging rims: double segmented, 2" (5.1 cm) plate main rims with multiple drilled false rims to accept 15, or 18 buckets
- Buckets style: semi-round style

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

Speed ranges:

- High range.....0-2.4 mph (0-3.84 km/hr)
- Low range.....0-1.30 mph (0-2.08 km/hr)

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

Tracks

- Overall track length.....15' 8" (478 cm)
- Track pad type: single, double or triple grouser
- Track chain type: Caterpillar 62/350
- Track pad width.....3' (91cm)

Headshaft Assembly

- Hardened alloy steel shaft with multiple flanges for easy rim width changes
- Hardened reversible split drive sprockets

Wheel Truck Assemblies

- Modular spindle type assemblies for two lower trucks, using heavy duty tapered roller bearings
- Heavy-duty mechanical seals

- 2 upper truck assemblies (1) front and (1) rear with 6" (15.2 cm) diameter high alloy steel shafts with extra heavy-duty bearings and self centering spacers

Hydraulic Transmission

- Pressure and flow compensated (load sensing)
- Pump flow maximum.....45 gpm (170 l/min)
- Pressure setting.....2.500 psi (172 bar)
- Oil tank capacity.....191 gal (723 l)

Cross Conveyor

- Hydrostatic: one pump and two motors w/gear reducer
- Reversible and shiftable
- Belt speed infinitely variable
 -0-1.000 fpm (0-305 m/min)
- Discharge direction: right or left
- Conveyor belt width.....4' (122 cm)
- Conveyor length.....20' 0" (610 cm)
- Discharge height.....6' (183 cm)
- Hydraulic winch lift and fold

Transport Dimensions

- Length, tractor.....27' 8" (8.43 cm) with no front counter weight
- Length, backend.....28' 6" (868 cm)
- Width.....2' 12" (366 cm) with 36" (91 cm) track pads (w/ motors removed)
- Height.....14' 4" (437 cm) (over wheel with lower and upper buckets removed, and single grouser pads)
- Height, tractor with cab.....12' 1" (367 cm)
- Height, tractor with cab elevated.....14' 6" (443 cm)

Available Devices

- Work light package: 24 V, for night use
- Laser control system
- Cab anti-vandalism window covers
- Stabilizers or adjustable bern-scrappers
- Twin hose reel package: connections to power hydraulic tools



TESMEC
Trencher

800



HIGH-MOBILITY OFF-ROAD TRUCK (4WD) EQUIPPED WITH BUCKET CHAIN ATTACHMENT, SPECIALLY DESIGNED TO BE EMPLOYED IN DIRT AND SOFT ROCK EXCAVATION. **RADIO-REMOTE CONTROLLED MACHINE. CENTRAL TIRE INFLATION SYSTEM (CTIS)** THAT PERMITS TO CONTROL TIRES PRESSURE FROM THE CAB. THE **800** CAN CUT TRENCHES UP TO **6' 7" (200 CM)** DEEP AND **2' 11" (90 CM)** WIDE.

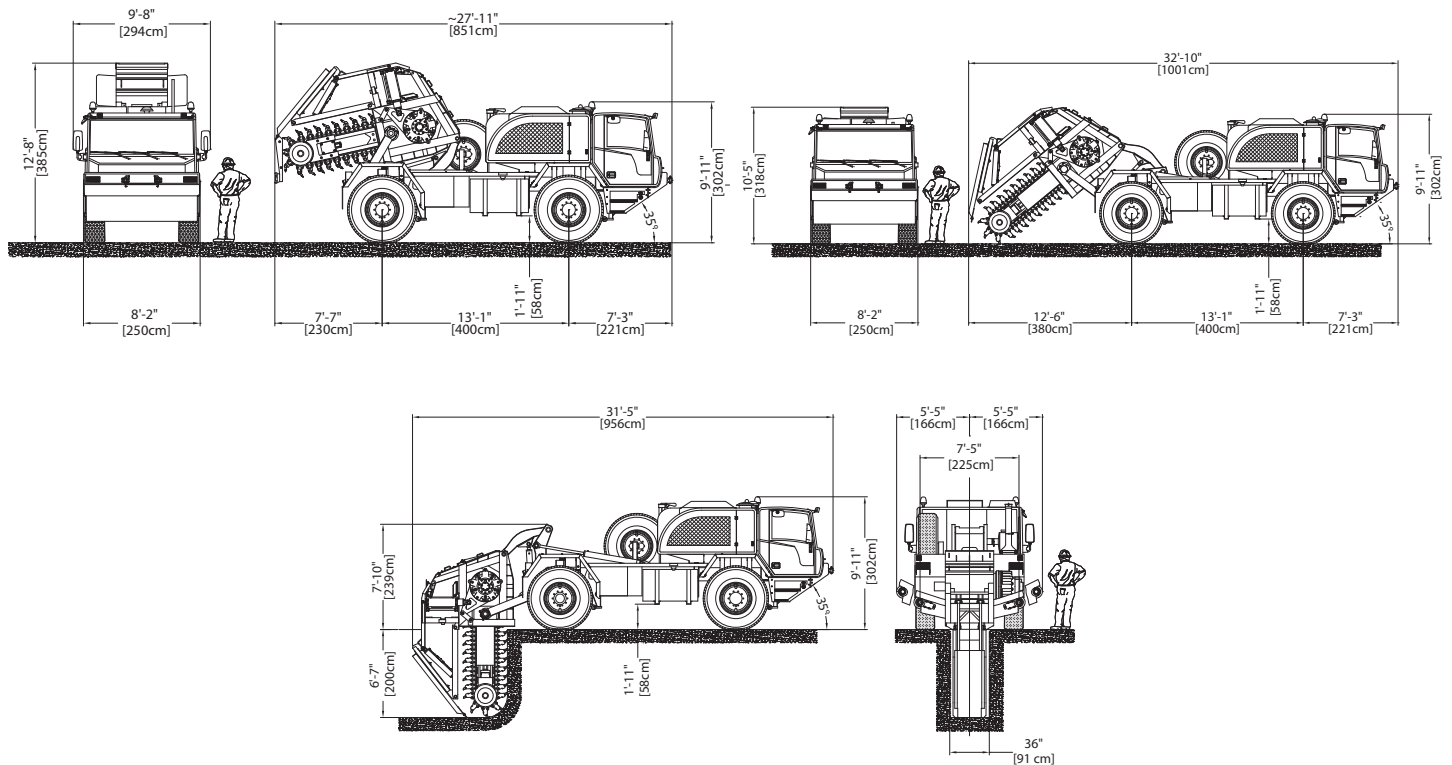


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2000



Standard Features

- Three seats cab, air conditioned and pressurized
- Remote control system for digging operations, with full control in steering and translation
- Load control
- Heavy duty axels
- High tensile steel frame
- Working lights
- Electrical system: 24 V

Trenching Dimensions

- Digging depth.....2' - 6' 7" (61-200 cm)
- Digging width.....2' 11" (91 cm)

Note: dependent on configuration and options

Engine

- Model.....CAT C9 Tier 3
- Max horsepower.....350 hp (261 kW)
- Max no load rpm.....2.100 rpm
- Fuel tank capacity.....132 gal (500 l)
- Cooling rating adequate for 122° F (50° C) ambient air temperature
- Air cleaner: dry type, 2 stage with pre-cleaner
- Alternator: 140A, 24 V

Operating and Transport Weight

Weight.....47,400 lbs (21.500 kg)

Note: dependent on configuration and options

Trencher Drive

- Hydrostatic: two variable displacement pumps and one radial piston motor
- Digging chain speed: selectable 3 speeds
- Chain: double chain with buckets
- Digging teeth: 3/4" shank diameter, rotary carbide insert

Powershift

- Model: ZF 6WG261
- Speeds: 6 forward, 1 reverse
- Torque converter
- Lock-up

Wheels Drive

- ROAD: selectable 2WD & 4WD, up to 50 mile/h (80 km/h)
- DIGGING: hydrostatic drive (4WD), infinite speed from 0 to 656 ft/h (0-200 m/h)
- Oversized low pressure tires (16.00 x 25)

Suspension

- Hydro-pneumatic suspensions system
- Self-leveling
- Slope-control

Hydraulic Transmission

Oil tank capacity.....105 gal (400 l)

Cross Conveyor

- Discharge direction: right or left
- Belt speeds: 7
- Belt length.....16' 11" (515 cm)
- Belt width.....2' (61 cm)

Transport Dimensions

- Length.....32' 10" (1.001 cm)
- Width.....8.2' (250 cm)
- Height.....10' 5" (318 cm)

Available Devices

- Central tire inflation system (CTIS)
- Camera monitor system, 7" TFT display & up to 4 heavy duty cameras