

985



TrenchIntel

TrenchIntel

DGPS guidance system:
 Extra high precision 3D GPS system
 Automatic depth and grade control
 Autosteering to a predefined path
 Pass optimization and fleet control



TrenchTronic

TrenchTronic 3.1

Electronic Control with:
 Operator selectable digging pressure and automatic operation
 Fully automatic operation
 Remote diagnostic system



Re.M

Remote Control with:
 Machine data remote monitoring
 Fleet location management
 Troubleshooting information
 Operating conditions



TRENCHING DIMENSIONS

SINGLE BOOM

4'-6"
122-183 cm

12"-18"
30-45 cm

DOUBLE LINK BOOM

4'-6"
122-183 cm

18"-28"
45-71 cm

DOUBLE BOOM

4'-6"
122-183 cm

24"-28"
61-71 cm

FEATURES AND APPLICATIONS

Mid-size self-leveling offset Chainsaw trencher conceived to satisfy all ranges of customers: from highway constructors to pipeline contractors and other customers working on projects where space is one of the main issues. The 985 features a 350HP-CAT Tier 4f engine and is equipped with a center mounted truck conveyor, which unloads spoil directly into the truck located in front of the machine, thus limiting the space taken up. TrenchTronic 3.1 equipped.



UNDERGROUND POWERLINES INSTALLATION



LONG DISTANCE NETWORKS INSTALLATION



METROPOLITAN NETWORKS INSTALLATION



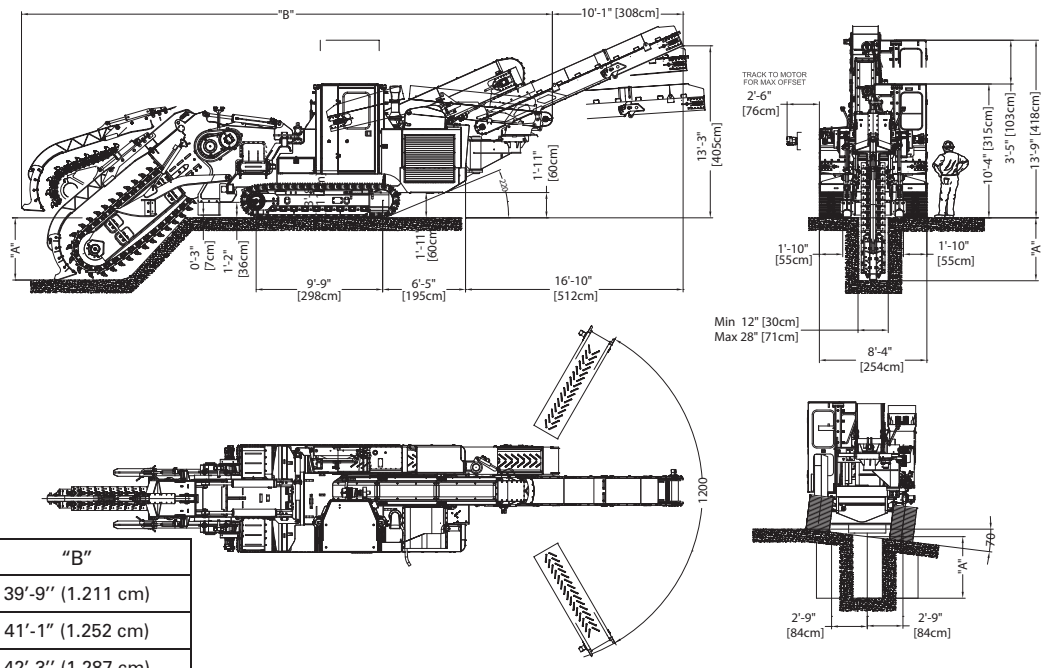
OPTICAL FIBER INSTALLATION



URBAN DRAINAGE WORKS



UNDERGROUND CONNECTION NETWORKS INSTALLATION



985 CHAINSAW TECHNICAL SPECIFICATIONS

Standard Features

Pressurized cab with air conditioning, heating, sound suppression
 Elevating cab module with roll over protection (ROPS)
 Electrical system: 24 V
 Anti vibration isolator mounts: used on engine, radiator/oil cooler unit and cab
 Stabilizers with dirt drags: automatically adjust to terrain changes
 Positive locking digging chain adjustment
 Cab and Compartment security locks
 Fuel and hydraulic tank: pressurized with locking caps

Trenching Dimensions

3 different boom lengths: 4', 5', 6' (122, 152, 183 cm)
SINGLE BOOM
 • Max depth.....6' (183 cm)
 • Widths range.....12"-18" (30-45 cm)
DOUBLE LINK BOOM
 • Max depth.....6' (183 cm)
 • Widths range.....18"-28" (45-71 cm)
DOUBLE BOOM
 • Max depth.....6' (183 cm)
 • Widths range.....24"-28" (61-71 cm)
 Note: dependent on configuration and options

Engine

HIGHLY REGULATED COUNTRIES (EU, USA)
 Model.....CAT C9.3 ACERT Tier 4f/ Stage IV
 Max horsepower.....350hp (261 kW)
 Max no load rpm.....2.150 rpm
 Fuel tank capacity.....175 gal (662 l)
 Urea tank capacity.....12.8 gal (48.4 l)
 Fuel consumption at full load.....18 gal/hr (68 l/hr)
 Estimated max urea consumption at full load.....
3,5% of fuel consumption
 AD Blue tank capacity.....11,1 gal (42 l)
 AD Blue consumption.....0,74 gal/hr (2,8 l/hr) at full load
 Cooling rating adequate for 127° F (53° C) ambient air temperature
 Air cleaner: dry type, 2 stages with dual pre-cleaner

Operating and Transport Weight

Weight70.500-88.200 lbs (32.000-40.000 kg)
 Ground pressure11,4-14,3 psi (0.8-1.0 kg/cm²)
 Note: dependent on configuration and options

Trencher Drive

Attachment Offset: 2' 9" (84 cm) from machine centerline either direction, 5' 7" (168 cm) total, hydraulically shiftable the entire distance without cylinder change.
 Hydrostatic: one pump and two motors capable of transmitting full engine horsepower
 Flywheel gearboxes
 Infinitely variable digging attachment speeds.....
0-500 fpm (0-152 m/min)
 Tesmec designed single or double link 4.5" (11.4 cm) pitch chain, "K" style
 Standard cutters: rotary carbide tipped 1,5" (3.8 cm) shank diameter
 Optional cutters: single edge, hard surfaced spade teeth for dirt - Tesmec dirt tool with 1,5" (3.8 cm) shank diameter

Crawler Drive

Dual path, hydraulic drive, planetary transmissions capable of full counter rotation with single lever steering, single lever direction
 Variable displacement pump and motor
 Infinitely variable speed: forward and reverse
 Speed range.....0-2 mph (0-3.1 km/hr)
 Integral parking and service brake: spring applied, hydraulic release, wet disc brake

Tracks

Self-leveling (tilting) undercarriage
 • Track tilt angle.....± 7°
 • Automatic/manual operation
 Overall track length.....9' 9" (298 cm)
 Track pad type: triple grouser
 Track chain type: Caterpillar D5
 Track pad width.....1'10" (55 cm)

Hydraulic Transmission

Pressure and flow compensated (load sensing)
 Pump flow maximum.....64 gpm (240 l/min)
 Pressure setting.....2.500 psi (172 bar)
 Oil tank capacity.....103 gal (390 l)

Cross Conveyor

Pressure and flow compensated pump with dual hydraulic drive motors
 Belt speed infinitely variable 0-1250 fpm (0-380 m/min)
 Discharge direction: right or left
 Conveyor belt width.....2' (61 cm)
 Conveyor length.....8' 2" (249 cm)

Transport Dimensions

Length with crumbshoe and truck loading conveyor.....
4 ft boom: 39' 9" (1.211 cm)
5 ft boom: 41' 1" (1.252 cm)
6 ft boom: 42' 3" (1.287 cm)
 Width8' 4" (254 cm)
 Height10' 4" (315 cm)

Main Available Devices

Ask Tesmec for a complete devices list