

950R



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 4.0
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



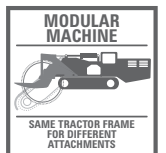
TRENCHING DIMENSIONS

3'-6"
 91-183 cm

8"-18"
 20-45 cm

FEATURES AND APPLICATIONS

Versatile Chainsaw trencher design for any network in urban and suburban areas: Telecom, Power lines, Water/Sewage and Gas. This model features offset digging chain, tilting tracks, elevating cab and - as main optional - automatic cable laying system, back-filling system and truck loading conveyor. The 950R can also be equipped with wheel attachment for smaller fiber optic networks. TrenchTronic 4.0 equipped.



UNDERGROUND POWERLINES INSTALLATION



LONG DISTANCE NETWORKS INSTALLATION



METROPOLITAN NETWORKS INSTALLATION



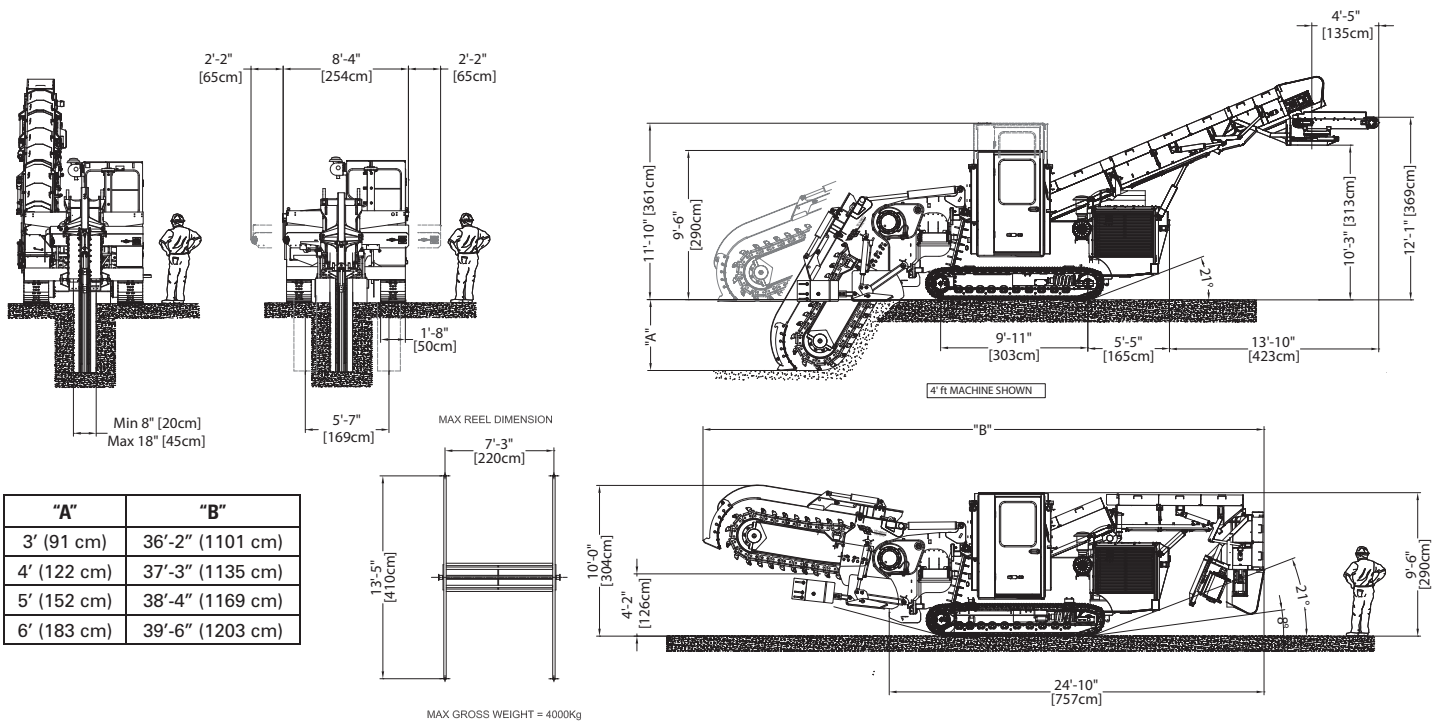
ACCESS NETWORKS INSTALLATION (TRENCHING OR TRENCHLESS)



URBAN DRAINAGE WORKS



UNDERGROUND CONNECTION NETWORKS INSTALLATION



950R CHAINSAW TECHNICAL SPECIFICATIONS

Standard Features

Pressurized cab with air conditioning, heating, sound suppression
 Elevating cab module with roll over protection (ROPS)
 Positive locking digging chain adjustment
 Cab and Compartment security locks
 Vibration isolator mount: used on engine, radiator, oil cooler, exhaust silencer and operator station
 Fuel and hydraulic tank: pressurized and with locking caps
 Electrical system: 24 V

Trenching Dimensions

Max depth.....6' (183 cm)
 Widths range.....8'-18" (20 -45 cm)
 Offset.....5'7" (169 cm)

Note: dependent on configuration and options

Engine

HIGHLY REGULATED COUNTRIES (EU, USA)
 Model.....CAT C7.1 ACERT Tier 4 / Stage V
 Max horsepower.....275 hp (205 kW)
 Max no load rpm.....2.150 rpm
 Fuel tank capacity.....132 gal (500 l)
 Urea tank capacity.....9.1 gal (34.5 l)
 Fuel consumption.....14,5 gal/hr (55 l/hr) at full load
 Estimated max urea consumption at full load.....
4% of fuel consumption
 Cooling rating adequate for 115° F (46° C) ambient air temperature
 Air cleaner: dry type, 2 stages with dual pre-cleaner

LESSER-REGULATED COUNTRIES
 Model.....CAT C7.1 ACERT Tier 3
 Max horsepower.....275 hp (205 kW)
 Max no load rpm.....2.150 rpm
 Fuel tank capacity.....132 gal (500 l)
 Fuel consumption.....14.3 gal/hr (54 l/hr) at full load
 Cooling rating adequate for 115° F (46° C) ambient air temperature
 Air cleaner: dry type, 2 stages with dual pre-cleaner

Operating and Transport Weight

Weight.....44,092-57,320 lbs (20`000-26`000 kg)
 Ground pressure.....9.43-12.18 psi (0,65-0,84 kg/cm²)
 Note: dependent on configuration and options

Trencher Drive

Hydrostatic: one variable displacement pump and one motor
 Flywheel gearbox: shaved, helical gearing, case hardened for extreme shock load
 Infinitely variable digging attachment speeds.....
0-700 fpm (0-213 m/min)
 Tesmec designed single strand, 4.5" (11.4 cm) pitch chain, "K" or "M" style
 Digging teeth: 1 1/2 (3,81 cm) diameter shank, rotary carbide insert

Crawler Drive

Dual path, hydraulic drive, planetary transmissions with single lever steering, single lever direction
 Variable displacement pump and motor
 Infinitely variable speed:
 forward and reverse.....0-1.6 mph (0-2.6 km/hr)
 Integral parking and service brake: spring applied, hydraulic release, wet disc brake

Tracks

Self-leveling (tilting) undercarriage:
 • Track tilt angle: +5°/-5°
 • Automatic/manual operation
 Overall track length.....9' 11" (303 cm)
 Track pad type: triple grouser
 Track chain type: FL6
 Track pad width.....1' 8" (50 cm)

Hydraulic Transmission

Pressure and flow compensated (load sensing)
 Pump flow maximum.....71 gpm (270 l/min)
 Pressure setting.....2.500 psi (172 bar)
 Oil tank capacity.....80 gal (300 l)

Cross Conveyor

Pressure and flow compensated pump with dual hydraulic drive motors
 Belt speed infinitely variable...0-1.150 fpm (0-350 m/min)
 Discharge direction: right or left
 Conveyor belt width.....1' 8" (50 cm)
 Conveyor length.....6' 1" (185 cm)

Transport Dimensions

Length with crumbshoe and truck loading conveyor.....
3 ft boom: 36' 2" (1101 cm)
4 ft boom: 37' 3" (1135 cm)
5 ft boom: 38' 4" (1169 cm)
6 ft boom: 39' 6" (1203 cm)
 Width.....8' 4" (254 cm)
 Height.....9' 6" (290 cm)

Main Available Devices

Ask Tesmec for a complete devices list