



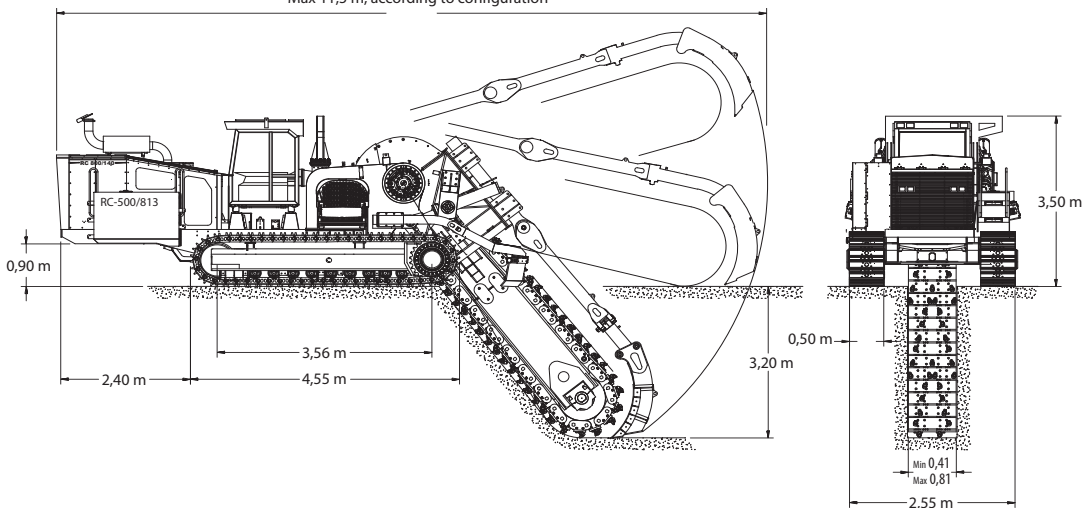
# NEXTRENCHER

BARCELONA

# RC-500/813

## CHAIN TRENCHER

Max 11,5 m, according to configuration



### MAIN FEATURES

**Trench Width :**

41 - 51 - 61 - 71 - 81 cm

**Trench Depth :**

320 cm

**Weight :**

From 40,000 kg. acc. to configuration

**Power :**

500 HP (373 kW) @ 1,800 rpm

# RC-500/813

## CHAIN TRENCHER

### Engine

Model : Cummins QSX 15 Tier 4f / Stage IV

Description : Turbo engine with intercooler

Number of cylinders : 6 cylinders in line

Maximum engine power : 500 HP @ 1,800 rpm

Maximum engine speed : 2,100 rpm (450 HP)

Cooling system adequate for 55°C ambient air temperature

Fuel tank capacity : 950 liters

Operating range : 10 h (at full load)

### Cabin

ROPS cabin certified acc. to standard UNE-EN ISO

Comfortable cabin, acoustically isolated and with an adjustable and ergonomic seat

Air-conditioning and heating in the cabin

Radio/CD/MP3 and 12 V power outlet

### Hydraulic System

Closed loop with piston pumps for digging chain, crawler, conveyor and fan drives.

Open loop with gear pumps for other services.

Maximum pressure setting : 350 bar

Pressurized hydraulic tank

Hydraulic tank capacity : 800 liters

### Track Drive

Infinitely variable hydrostatic system with 2 hydraulic pumps

2-speed hydraulic motors. Speed range: 0 - 4.5 km/h

Parking brake

Track chain type : D5

Track width : 50 cm

### Digging Chain Drive

Infinitely variable hydrostatic system with 2 hydraulic motors

High torque hydraulic motors for rock excavation

Infinitely variable chain speed

Double digging chain

Maximum excavation depth : 320 cm

Excavation widths : 41 - 81 cm (16" - 32")

Possibility to customize the excavation width from 41 to 81 cm (16" - 32")

### Conveyor

Arc type conveyor with hydraulic shift and reversible to store in both sides of the machine

Conveyor belt width : 64 cm (25")

### Other features

Automatic forward movement function, depending on the hardness of the ground

Cylinder hydraulic tensor for digging chain

24-V DC electrical system

Vibration isolators mounted on the engine, coolers, pump drive and cabin

Battery box and toolbox with lock

### Options

Laser Control System

GPS Kit installation

Air compressor

Automatic lubrication system

Customized configuration of the machine