

# ST2

**TESMEC**  
Trencher

**Re.M**  
Remote Monitoring Systems

**Re.M**  
**Remote Control with:**  
Machine data remote monitoring  
Fleet location management  
Troubleshooting information  
Operating conditions

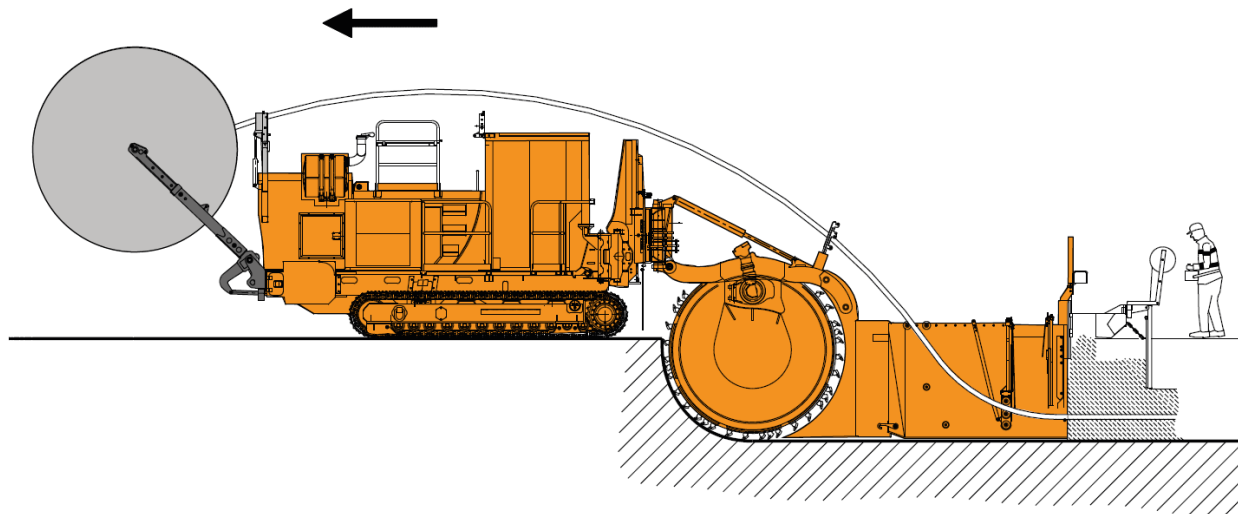


**Simultaneous performance of trenches and mechanical laying for the deployment of networks (telecom, electricity, drainage, water, sanitation, gas, etc.) in rural environments and rocky grounds**

## FEATURES AND APPLICATIONS

- Constant and reduced width of the trench
- Constant building cost per meter
- Non-stop shielding of the cut trench: the laying unit.
- Preservation of the geometric data of the cut trench.
- Compliance with the bending radius of the cables and the ducts
- Quality of the trench bottom: the shoe
- Smooth clean and compact trench bottom without any salient angle
- Network laying quality
- Constant depth
- Constant altimetry and planimetry of the laid network

**MARAIS**  
TESMEC GROUP COMPANY



## ST2 TECHNICAL SPECIFICATIONS

### Features of the trenching tool

Type of wheel	Cutting width (mm)	Trench depth (m)
R1200E	180 to 280	1.20
R1200	280 to 350	1.20
R1400E	180 to 280	1.40
R1400E	280 to 480	1.40
R1600	280 to 520	1.60

- Trenching wheel mounted on 5-axis boom
- Lateral offset of the tool outside the machine: 200 mm
- on the left and right side
- Cutting tool mounted on pivot  $\pm 27^\circ$
- Slope correction of the tool  $\pm 15^\circ$

### Sizes and weight of the unit

- Length in working position: approx. 18 m
- (with reel and fiber laying unit)
- Length in transport position: 11 m
- Width: 2.50 m
- Height: 3.50 m
- Weight: 24 - 30 tons according to the tool

### Carrier

- Carrier with caterpillar
- 510 HP (375 kW) diesel engine Stage 5 Tier 4 Final
- 536 HP (394 kW) diesel engine Stage 2 Tier 2
- Hydrostatic advance

### Accessories

- Radio control
- Reel carrier in front of the machine (capacity: 5 tons maximum)
- Removable guardrails on the machine
- Laying units
- Coating materials of networks: sand sprayer, concrete hopper with vibrating unit, excavated material screen, backfiller
- Combs and guide rollers
- REM

### Option

- Extra offset 800mm (ST2 GD)

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