

# Subway Olympiapark Munich

Subway job site Olympia centrum - Olympia shopping area Munich

NEWS  
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## Electric Tunnel Excavator SCHAEFF-TEREX **TE 200**



Heading in typical subway cross-section in Munich

The heading work are carried out under compressed air atmosphere ->

With positive pressure into the underground. The special ground condition under the Olympic park requires one of the most complicated and dangerous techniques: the tunnel driving by compressed air. The tunnel in the depth is set under up to a bar positive pressure. Air is pressed from the inside by the soil and holds the groundwater. Without the positive pressure the water would seep by the walls, which could collapse the tunnels.



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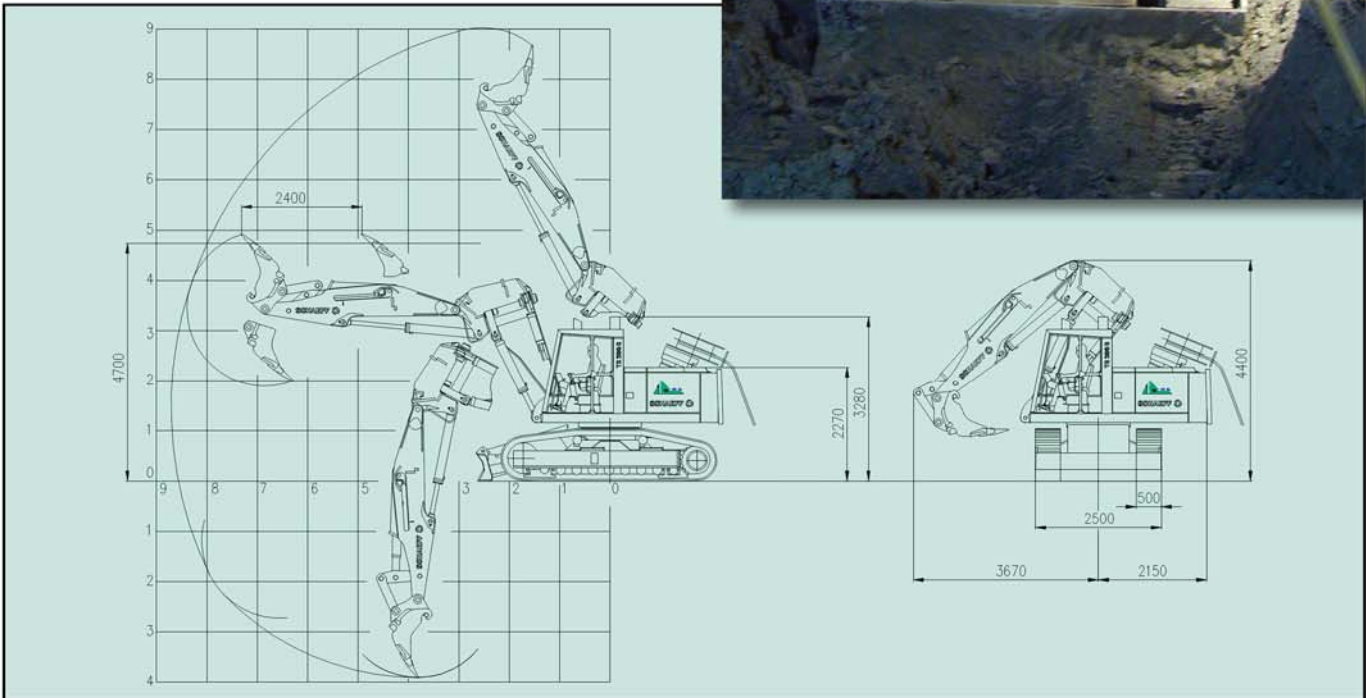
# Electric Tunnel Excavator SCHAEFF-TEREX **TE 200**



*Excavation in the fore polling heading*



*Acurate excavation thanks to swivel dipper stick ->*



## MAIN DATA

|                            |                    |      |
|----------------------------|--------------------|------|
| Base Machine: Schaeff type | TE                 | 200  |
| Electric drive power       | kW                 | 90   |
| Voltage                    | V                  | 1000 |
| Driving speed              | km/h               | 0-5  |
| Max. reaching height       | mm                 | 8900 |
| Max. excavation depth      | mm                 | 3900 |
| Min. working height        | mm                 | 4700 |
| Excavation force           | kN                 | 100  |
| Pulling force              | kN                 | 140  |
| Specific ground pressure   | kp/cm <sup>2</sup> | 1.0  |
| Traction power             | kN                 | 280  |
| Weight                     | t                  | 26   |



*The cable reel is located on the upper carriage*