



# **TURBOSOL<sup>®</sup>**

PUMPING TECHNOLOGY FOR THE UNDERGROUND INDUSTRY

**TURBOSOL**  
over 60 years  
of experience  
and reliability

## **TSR 7**

## **CONCRETE SPRAYING SYSTEM**



TSR 7: crawler equipment designed for shotcrete applications in jobsites with difficult access and tunnels.

[www.turbosol.com](http://www.turbosol.com)

# TSR 7

## TECHNICAL DATA

### TELESCOPIC SPRAYING ARM

Maximum spraying reach*	vertical 8,90 m / horizontal 7,55 m
Minimum spraying reach*	vertical 2,5 m / horizontal 2,4 m
Arm extensions	4 sections (3 telescopic) proportional drive

Telescopic stroke	3 m
Working lights	2

### SPRAYING HEAD

Rotation	360°
Inclination	240°
Nozzle diameter	Ø 45

### DUAL DRIVE

Electric	7,5 kW
Diesel	18,5 kW

### PROPORTIONAL REMOTE CONTROL

Drive	radio/cable
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### CRAWLER CARRIER

Engine	Kubota - 2 cyl. 18,5 kW-III A
Transmission	Hydrostatic
Traction	2-speed
Speed	1,5 km/h - 3 km/h
Braking system	Automatic negative parking brakes
Steering	2 rubber crawlers
Stabilizer	Hydraulic front stabilizers
Driving lights	2 x 35 W led spotlight
Beacon	Amber
Electric equipment	12 V / 77 A/h
Diesel tank capacity	40 l
Hydraulic oil tank	55 l

### DIMENSIONS

Size (LxWxH)	395 x 120 x 209
Weight	1.970 kg

\* The data indicated are theoretical and depend on the quality and consistency of the materials to be used, wear and tear of the unit and diameter of the hoses.

## Characteristics

TSR 7 is a tracked unit for spraying concrete ideal for underground works or areas difficult to reach. Equipped with a powerful crawler carrier, TSR 7 is the best means to move in rugged and irregular work sites with total autonomy of movement.

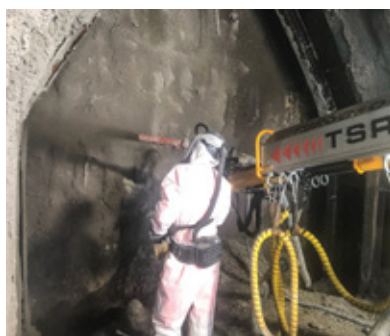
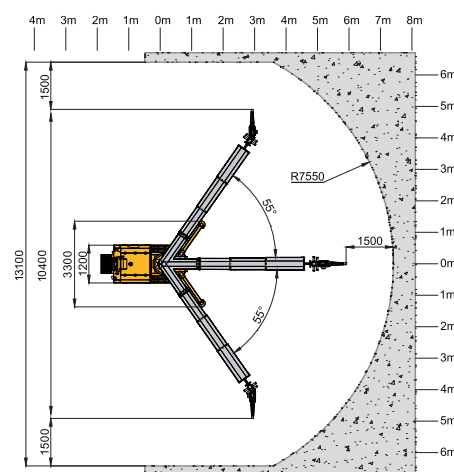
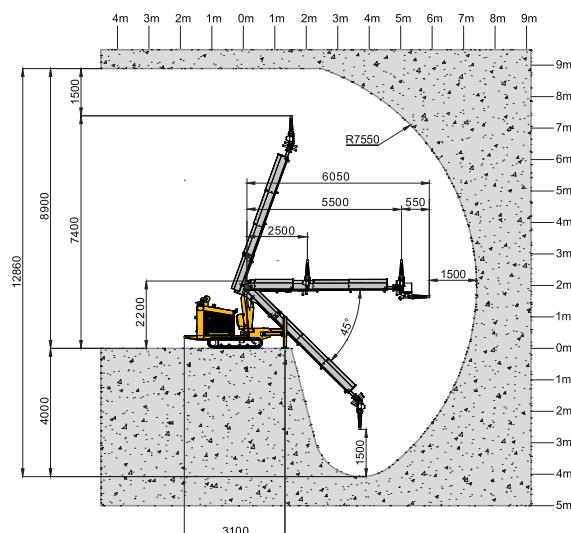
It can work either with the diesel engine or with the electric motor. This dual operation mode allows it to work even in areas with scarce power supply.

Thanks to the sturdy telescopic boom with 4 sections, long reach and compact design, TSR 7 can be used either for dry or wet shotcrete. Two wide side doors make every component accessible for fast maintenance and control operations.

The perfect addition to TSR 7 are Turbosol Beton Master or TB 30 stationary concrete pumps which can be supplied with integrated admixture dosing pump.

## Optionals

- Side fix coupling for concrete/air/additive hose
- Concrete hose Ø 50, Ø 65 and Ø 75
- Admixture hose
- Air hose
- Rear stabilizers



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Standard equipment and optionals could vary due to specific market and legal requirements. The data in this brochure are purely indicative.

Turbosol Produzione S.r.l. could make alterations to the models described in this brochure at any time for technical and commercial reasons.

