MADE FOR WORK!







The MinSpray 1513 offers an undercarriage, specially designed for tunnel construction. It gets completed by a robust telescopic boom and a proven SCHWING concrete pump. Compact design is combined with high performance and reliability.

In addition to its powerful features, the MinSpray 1513 is equipped with advanced control systems that ensure precise operation and ease of use. With its durable construction and innovative technology, the MinSpray 1513 is the perfect choice for demanding applications in underground environments.

Minroc

Minroc MT GmbH
Loikumer Rott 23
D-46499 Hamminkeln

Tel.: +49 (0) 6078 - 78247 - 0
info@minroc.de
www.minroc.de

Mobile shotcrete vehicle

MINSPRAY 1513

BUILT TO LAST!

Minroc

MINSPRAY 1513

CARRIER

Length	: 7,6 m
Width	: 2,4 m
Height	: 3,2 m
Weigth	: 16 t
Wheelbase	: 4,0 m
Ground clearance	: 370 mm
Drive	: 4x4
Traverse slope	: max. 10°
Gradeability	: max. 35%
Steering	: 4 wheeled, Crab steering

TELESCOPIC BOOM / NOZZLE

Horizontal reach	: 13 m
Vertikal reach	: 15 m
Slew range, total	: 270°
Slew range, arm II	: 80°
Hoist angle, arm I / II	: +60° / -20°
Telescope	: 2x 2,0 m
Nozzle swivel	: 360°
Nozzle tilt	: 180°
Wobble	: 8°

DIESEL - HYDROSTATIC DRIVE

Operating pressure	: max. 210 bar
Oilflow	: max. 60 l/min
Transmission	: 2/2 Gears
Engine	: 93 kW
Drawbar pull	: max. 80 kN
Exhaust standard	: EU - Tier 5 / US EPA Tier 5 Final
Speed	: max. 20 km/h
Fuel tank	: 120 l
Hyd. oil tank	: 300 l
Hydraulic oil	: HLP 46 ISO

ELECTRO POWER PACK

Power	: 75 kW @ 1480 U/min
Oil flow, pump 1/2	: 120 l/min / 100l/min
Pressure, pump	: max. 300 /210 bar
Cable reel	: 50 m
Power supply	: 400V, 50Hz

COMPRESSOR

Power	: 75 kW
FAD	: 12,5m³/min
Pressure	: 8 bar

CONCRETE PUMP / ACCELERATOR PUMP

Model (concrete)	: SCHWING P820
Capacity theor	: max. 40 m³/h
Concrete pressure	: 40 bar
Model (Accelerator)	: BREDEL 25
Accelerator flow	: 0,5 - 16 l/min
Accelerator Pressure	: 12 bar
Accelerator tank	: 1000 l cube

