

Description

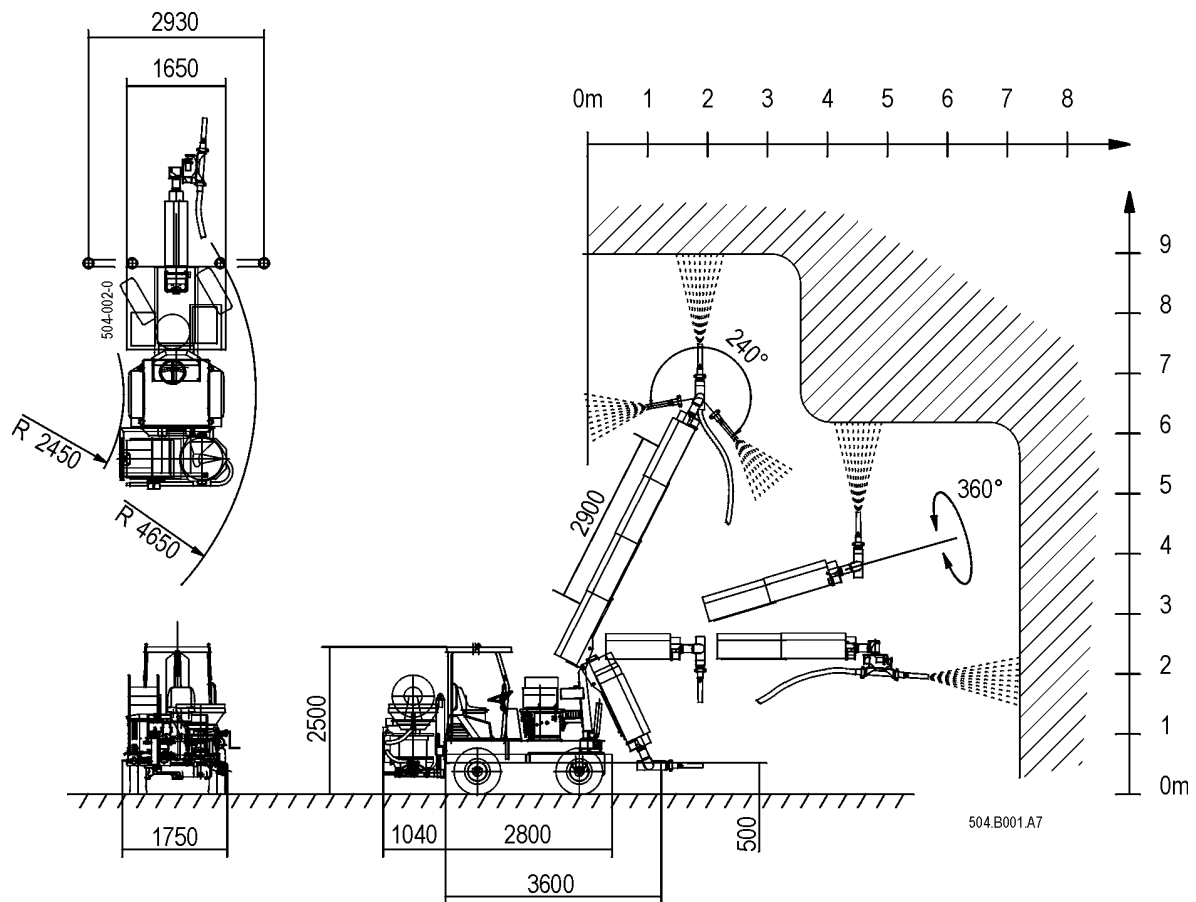
The universal concrete spraying system AL-504 is a handy mechanized concrete spraying tool, especially designed for mines, small slopes and pits.

The unit consists of the telescope spraying arm AL-302 mounted on a wheel carrier.

The carrier can be equipped with following additional components:

- Concrete spraying machine AL-246.5 / AL-252.1 / AL-262.1 / AL-263 (attached on carrier)
- Liquid dosing unit AL-403
- Accelerator tank (200 l)
- Cable reel with 50m cable, manually driven

The system is controlled by means of an electric remote control.

Working range

Dimensions

Transport length	
without conveying machine	: approx. 3,6 m
with conveying machine	: approx. 4,64 m
Transport width	
without conveying machine	: approx. 1,65 m
with conveying machine	: approx. 1,75 m
Transport height	: approx. 2,5 m
Weight	: approx. 2000 kg
(only carrier + arm)	
Rotating radius	: 2,45 / 4,65 m
Ground clearance	: 0,5 m
Outriggers	: 2,93 m

Movements

Arm stroke	: 2,9 m
Swing angle arm	: 360°
Spraying head	: 360°
Spraying head	: 240°
Nozzle	: endless

Drive hydraulic aggregate
Electric

Motor output	: 5,5 kW
Voltages	: 400 V 50/60 Hz 440 V 60 Hz 220 V 50 Hz
Protection	: IP 43
Oil pressure	: 180 bar
Oil quantity (big pump)	: 18 L/min.
Oil quantity (small pump)	: 3 L/min.
Tank volume	: 70 L

Air motor

Motor output	: 5 kW
Pressure	: 4,5 bar
Air consumption	: 6,6 Nm ³ /min.
Oil pressure	: 180 bar
Oil quantity (only 1 pump)	: 20 L/min.
Tank volume	: 35 L

Drive carrier (Diesel motor)

Motor output	: 19,6 kW
Cooling	: air
Drive	: 4x4
Gears (forward/reverse)	: 3 / 3
Speed	: 3 - 14 km/h

Concrete spraying machine

	AL-246.5	AL-252	AL-262	AL-263
Conveying output	0,2 – 0,4 m ³ /h	5 - 8 m ³ /h	4 – 9,5 m ³ /h	4 - 15 m ³ /h
Motor output	2,2 kW	4,4 kW	4,4, / 6,7 kW	5 / 7,5 kW

AL-504 – with attached AL-263
