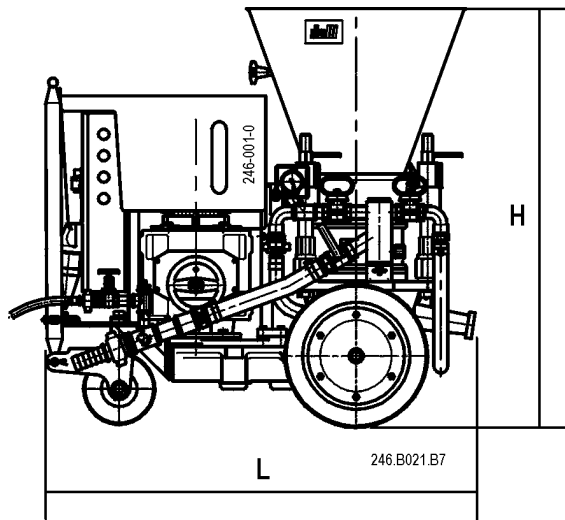


Description

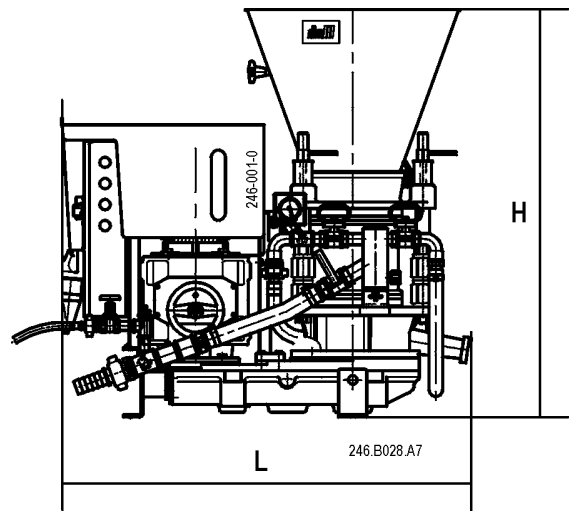
The AL-246.5 is a sturdy concrete spraying machine for the dry spraying process. Thanks to its variable output, the AL-246 can be used as well for small jobs, such as joint filling, as well for extensive slope consolidation work.

The AL-246.5 is available in the following versions:

- BASIC Electric drive, combined with BASIC-Dosing unit (not synchronized)
- EXTENDED Electric drive, combined with EXTENDED-Dosing unit (not synchronized)
- AIR: With air drive, combined with BASIC-Dosing unit (not synchronized)

Dimensions with chassis


Length L		
BASIC / AIR	:	1130 mm
EXTENDED	:	1200 mm
Width	:	700 mm
Height H		
With rotor 0,7 + 2,0 L	:	1110 mm
With rotor 3,6 L	:	1180 mm
With rotor 5,6 L	:	1260 mm
Weight		
BASIC / AIR	:	approx. 320 kg
EXTENDED	:	approx. 450 kg
Content of hopper	:	45 liters

Dimensions with pedestal


Length L		
BASIC / AIR	:	1130 mm
EXTENDED	:	1170 mm
Width	:	700 mm
Height H		
With rotor 0,7 + 2,0 L	:	1020 mm
With rotor 3,6 L	:	1090 mm
With rotor 5,6 L	:	1170 mm
Weight		
BASIC / AIR	:	approx. 315 kg
EXTENDED	:	approx. 430 kg
Content of hopper	:	45 liters

Drive
Electric (BASIC / EXTENDED)

Motor output	:	2,2 kW
Speed range		
BASIC	:	1500 rpm
EXTENDED	:	700 – 1800 rpm
Voltages	:	400 V 50/60 Hz 440 V 60 Hz 220 V 50/60 Hz
Protection	:	IP 55

With air motor (AIR)

Motor output	:	3 kW
Speed range	:	700 - 1800 rpm
Pressure	:	3,5 bar
Air consumption	:	4 Nm ³ /min.

Theoretical conveying data (only dry)

Rotor (Liters)	Hose Ø (mm)	Conveying output ¹⁾ (m ³ /h)		max. grain (mm)	max. conv. dist. (m) Horizontal / Vertical
		BASIC	EXTENDED + AIR		
0,7	32	0,4	0,2 - 0,5	6	150 / 60
2,0	32 + 38	1,1	0,6 - 1,4	12	
3,6	32 + 38	2,0	1,1 - 2,5	12	
5,6	50	3,2	1,7 - 4,0	16	

1) With theoretical filling degree of 100%, if motor with 60 Hz = 20% higher conveying capacity

Theoretical datas for air consumption for conveying

Hose Ø (mm)	Air consumption (Nm ³ /min.) ²⁾		²⁾ Air consumption data are approximate values and are depending on conveying output, conveying distance and hose diameter. CAUTION: For the configuration AIR (with air motor) it has to be considered: Total air consumption = Air consumption for conveying + Air consumption for air motor! 1 Nm ³ /min. = 35 cfm
	Dry spraying		
	60 m	120 m	
32	3	4	
38	5	6	
50	8	10	

AL-246.5. - EXTENDED
