

Concrete spraying equipment

Wetkret 5

17 m vertical spraying reach
Concrete Flow: 33 m³/h



Note: This is a merely informative, non-binding document. Maximum theoretical values listed. Specifications are subject to change without prior notice. Photos and drawings are for illustrative purposes only. For available options, please consult the factory.

Standard equipment

Telescopic spraying arm Putzmeister SA 17.2		
Max. spraying reach (vertical/horizontal)	m	17 / 15
Number of arm extensions		2 telescopic
Telescopic stroke	m	2 x 2.000
Number of axles		9
Max. arm angle	°	+60 / -23
Working lights (x2 LED)	lm	7,000

Spraying head		
Rotation	°	360
Inclination	°	+/- 120
Nutation	°	8
Nozzle	DN	40 / 50

Remote control		
Dual radio / cable	m	20

Putzmeister concrete pump PM1810		
Type		Double piston
Drive		Hydraulic
Max. Flow (theor.)	m ³ /h	33
Max. pressure on concrete (theor.)	bar	75
Transport cylinder diameter	mm	180
Max. aggregate size	mm	16
Lubrication system		Automatic

Hopper		
Full hopper capacity	l	350

Filling height	mm	1,440
Spotlight	V / W	24 / 24

Diesel engine		
Power	kW (HP)	129 (173)
Standards		EU-Stage V / EPA-Tier 4f

Pumping and spraying drive system		
Electric	kW	55

Synchronized additive system with concrete pumping		
Type		Screw with flowmeter
Adjustment range	l/h	100 – 1,200
Max. working pressure	bar	12
Control system		PLC
Additive tank	l	1,000

Putzmeister off-road vehicle		
Weight (without/with load)	kg	19,500 / 21,700
Turning radius (inner/outer)	mm	2,870 / 6,600
Maximum climbing capacity at full load (longitudinal/ trasversal) (longitudinal/ trasversal)	%	30 / 10
Transmission		Hydrostatic
Gearbox		Variable hydraulic engine
Maximum speed	km/h	16
Driving		4 WD

Steering		Hydraulic four-wheel steering (4WS), crab-mode
Service breaks		Hydraulic and multi-disc in oil bath for four-wheels
Parking break (negative)		Hydraulic in oil bath for four-wheels
Emergency brake		
Driving lights (x4 LED)	V / W	24 / 35
LED beacon	V / W	24 / 11
Electric equipment (x2 batteries)	V / Ah	12 / 100
Oil tank	l	340
Diesel tank	l	200 + 18.9 AdBlue
Cabin		FOPS/ROPS with control panel and cameras' screen
Driver seat		Mecanic suspension with 2-points seat belt
Camera		2 laterals + 1 rear. Night vision

Mining wheels		Maxam MS909 18" - 22.5"
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Cable reel		
Drive		Hydraulic
Cable lenght	m	50
Voltagess	V / Hz	400 at 50 / 440 at 60

High-pressure water pump for cleaning		
Max. pressure	bar	140
Flow	l/min	13.2
Hose	m	20
Water tank	l	200

Electric compressor		
Power	kW	75 / 74 (1000 V)
Air Flow (variable)	m³/min	11
Pressure	bar	7.5

Optional equipment

Wheels	
Mining spare wheel	
Fire suppression system	
DAFO	Mix
Cabin	
Cabin	Semi-closed cabin: Door with glass and left glass Closed: glazing with air conditioning and heating
Alternative driver seat	PRIMMO-L, neumatic suspension with 2-points seat belt Actimo XL, neumatic suspension with 3-points seat belt
Protections	
Rubber collar protection for rear axle	
Rubber collar protection for hopper	
Heat protection for additive tank	

Automatic lubrication system for the spraying arm		
Bio hidraulic oil with high efficiency filtration system		
Additional lighting		
Working lights in the cabin (x2 LED)	V / W	24 / 37
Working lights in the spraying arm (x2 LED)	V / W	24 / 80
Tramming direction lights (<i>Special configurations on demand</i>)		
Cable reel		
Additional cable	m	50 (total 100)
Others		
DN80 pipe + 45° enbow	mm	1,500
Rear stairs		
Alterantive and/or extra remote control		
Hydro-scaling system		
Pressure	bar	180
Flow	l/min	90
Hose	m	25
Special voltages		

Spraying arm reach diagrams and spraying area

