

Concrete spraying equipment

Wetkret 4

Ideal for small and medium galleries
Concrete Flow: 20 m³/h



Note: This is a merely informative, non-binding document. Maximum theoretical values listed. High-pressure water pump values are for diesel mode operation. 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 10.1 LP		
Max. spraying reach (vertical/horizontal)	m	8.5 / 8.0
Number of arm extensions		4 (3 telescopic)
Telescopic stroke	m	4
Number of axles		6
Max. arm angle	°	+45 / -35
Working lights (x2 LED)	V / W	24 / 80

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

Remote control		
Dual radio / cable	m	20
Drive		Electric

Putzmeister concrete pump		
Type		Double piston
Drive		Hydraulic
Max. Flow (theor.) (Piston/Rod side*)	m ³ /h	20/30
Max. pressure on concrete (theor.) (Piston/Rod side*)	bar	70/45
Transport cylinder diameter	mm	150
Max. aggregate size	mm	16
Lubrication system		Automatic

*Dual Drive version

Hopper		
Full hopper capacity	l	250
Filling height	mm	1,200

Spotlight	V / W	24 / 18
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Diesel engine (two options)		
EU-Stage IIIA	kW (HP)	106 (142)
EU-Stage V	kW (HP)	85 (114)

Pumping and spraying drive system		
Electric	kW	37
Diesel (Dual Drive version)		Diesel engine

Synchronized additive system with concrete pumping		
Adjustment range	l/h	60 - 500
Max. working pressure	bar	10
Control system		PLC
Additive tank*	l	550

*Optional Mix tank: 710 l of additive + 190 l of water

Putzmeister off-road vehicle		
Weight	kg	13,100
Turning radius (inner/outer)	mm	2,800 / 6,200
Maximum climbing capacity at full load (longitudinal/ transversal)	%	35 / 10
Transmission		Hydrostatic progressive system with continuous variation, no gears to change
Gearbox		2 speed
Maximum speed	km/h	20
Driving		4 WD
Steering		Hydraulic
Service breaks		On both axles, multi-disc in oil bath

Parking breaks (negative)		On both axles, internal SAHR discs, hydraulic operation
Driving lights LED (x4+2 laterals)	V / W	24
Beacon (Halogen)	V / W	24 / 70
Electric equipment (x2 batteries)	V / Ah	12 / 70
Oil tank	l	170
Diesel tank (Stage IIIA / Stage V)	l	135 / 135+10 AdBlue
Cabin		FOPS/ROPS with camera screen and LED light
Driver seat		Adjustable mechanical

		suspension and 2-point seat belt
Rear camera		Night vision
Mining wheels		Maxam 9.00 R20

Cable reel		
Drive		Hydraulic
Cable length	m	50
Voltages	V	400 / 440
Network frequency	Hz	50/60

High-pressure water pump for cleaning		
Max. pressure	bar	140
Flow	l/min	13.2
Hose	m	15

Optional equipment

Compressor (two options)		PM45	PM55
Power	kW	45	55
Air flow	m ³ /min	6 (in altitude)	9.3
Power	bar	7	7
Wheels			
Alternative mining wheels	Michelin XMine D2 9.00 R20 Michelin XZM 9.00 R20		
Spare wheel	Depends on configuration		
Fire suppression system			
ANSUL	Mix		
DAFO	Mix		
DAFO for electric panel	Automatic		
Cabin			
Closed cabin	Door and protection grill Door, protection grill and complete cabin glazing + air conditioning and heating		
Soft braking system when door open			
Extensible rearview mirror			
Safety belt with sensor			
Alternative driver seat	Pneumatic suspension and 2-point seatbelt (PRIMMO-L)		
	Pneumatic suspension and 2-point seat belt (KAB-Air)		
	Leather cover for KAB-Air driver seat		
	Safety belt with sensor (KAB-Air)		
Alternative high-pressure water pump for cleaning			
Type	Dynaset		
Max. pressure	bar	140	
Flow	l/min	30	
Alternative additive system		Hydraulic SPX25	Screw E13B

Adjustment range	l/h	60-1,200	100-1,200
Max. pressure	bar	10	10
Tank	l	Standard (550 l) or Mix (710 l additive + 190 l water)	Mix (570 l additive + 190 l water)
Additional additive pump for transferring			
Type	Hydraulic DX18		
Adjustment range	l/h	500	
Max. pressure	bar	10	
Hydroscaling System			
Flow rate	l/min	90	
Pressure	bar	180	
Protections			
Axle lubrication system			
Anticorrosion painting			
Bio-hydraulic oil with high efficiency filtration system and breather dryer			
High efficiency filtration system and/or breather dryer			
Rubber collar protection for rear axle			
Electric panel for toughest conditions	Isolation trafo kit (mandatory for Special voltages)		
	Anti-humidity protection kit		
Extra protections	Electric panel, DAFO and tanks		
E-Stop for Diesel engine			
Cable reel			
Additional cable length	m	50 (total 100)	
Folding cable reel for improving access			
Additional lighting			
Additional spotlight for the spraying arm			
LED beacon instead halogen			
Tramming direction lights (<i>Special configurations on demand</i>)			
Special voltages			

Spraying arm reach diagrams and spraying area

