



Putzmeister



BSC: crawler-mounted concrete pumps

The perfect complement for bore pile filling work

Putzmeister machines: BSC range

BSC range for bore pile filling

Putzmeister's BSC range is ideal for filling bore pile foundations, and is perfectly suited for cast-in-place concrete work.

The BSC range combines the best qualities of Putzmeister BSA's concrete pumps with powerful crawlers, allowing it to work autonomously tracking bore pile drilling machine, and ensuring maximum efficiency for your project.

Bore piling is a key element of foundation-laying work in both civil engineering and construction work. A proper execution will determine the stability and longevity of the finished work.

BSC machines complete the pile boring process, pumping concrete into the bored piles dug in the ground. Our machines have worked in flagship projects such as the construction of the new Paris Courthouse building, designed by Renzo Piano.

Their ease of use is also reflected in the maintenance, with an on-board water deposit and compressor for convenient cleaning.

BSC range: ideal for bore pile filling work

- High-pressure and output concrete pumps
- Crawlers allow for independent transport
- On-board cleaning equipment (deposit, compressor, accessories) for greater autonomy on site
- Ergonic® Pump System (EPS) syncs the concrete pump with the pile boring machine



BSC range: key characteristics



**Cleaning:
convenient and safe**

Cleaning after work is simple anywhere with its integrated water tank, air compressor and accessories, so you can efficiently clean-up even in remote locations without requiring external support.

The hopper's security platform of the 1400 and 2100 series allows for safe cleaning.



Remote control

The BSC range has a radio remote control for ease of use that regulates both transport and pumping parameters.

There is also a cable remote control and a driver's seat on the chassis for emergency situations (depending on model).



**Crawler-mounted
chassis: full autonomy**

The chassis is mounted on steel or rubber crawlers, which allows for autonomous transport, eliminating the need for cranes or alternative modes of transport.

The BSC is able to work alongside the pile boring machine, simplifying the logistics on site.

Putzmeister concrete pumps: powerful, precise

Widely renowned for their quality and reliability; Putzmeister's concrete pumps have worked in key projects worldwide and continue to beat world pumping records both in terms of height and distance.

Their high output capacity of between 52 – 130 m³/h and pressure of up to 130 bar make the range ideal for bored pile filling work.

The pump has all the Putzmeister warranties.



Putzmeister concrete pump

Ergonic® Pump System (EPS): working alongside the pile bore drilling machine

- Concrete flow and pressure adjustment system
- Ergonic® Graphic Display (EGD) Screen
- Automatic speed reduction if the pump stops
- Surge Neutraliser (SN) controls pressure peaks
- Electronic error management
- Gasoil consumption optimization
- Real-time pumping data



Renowned performance and quality – BSC Performance Line

The Performance Line comes with predefined equipment. Based on our experience with this type of machine, we offer you everything you need for the daily work on your piling sites.

The models are produced with standardised processes. This limits the variety of options and customer-specific adaptations. For you, this means – high availability at attractive prices!

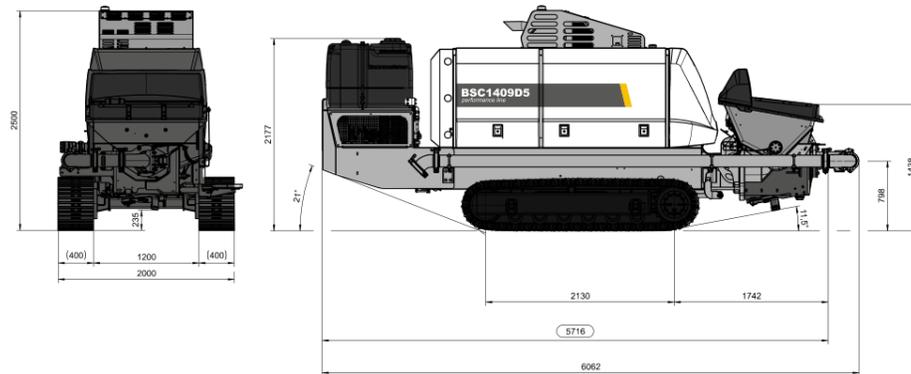


Technical data

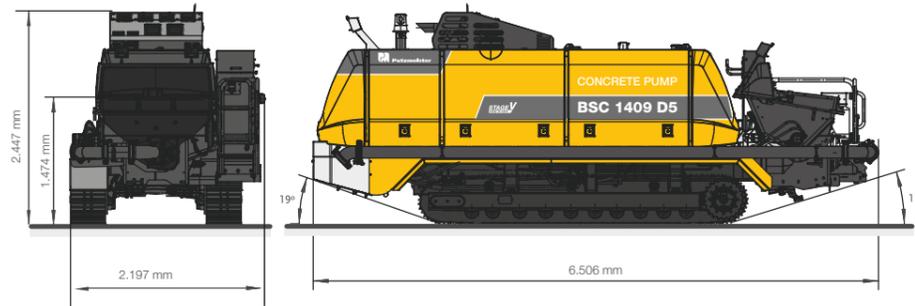
BSC 1005 D5 / 1006 D5



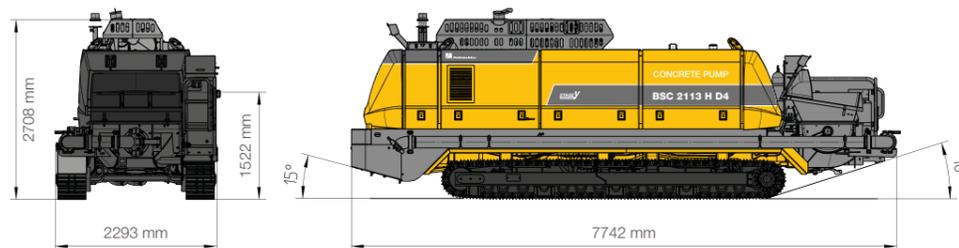
BSC 1409 D5 PERFORMANCE LINE



BSC 1409 D5



BSC 2113 H D4



	BSC 1005 D5	BSC 1006 D5	BSC 1409 D5 PL	BSC 1409 D5	BSC 2113 H D4
General data					
Length / width / height	5,123 / 1,486 / 2,289 mm	5,123 / 1,483 / 2,244 mm	6,062 / 2,000 / 2,500 mm	6,506 / 2,197 / 2,447 mm	7,742 / 2,293 / 2,708 mm
Weight	4,100 kg	4,000 kg	7,950 kg	9,000 kg	16,000 kg
Putzmeister concrete pump					
Delivery volume of up to	52 m³/h	64 m³/h	97/67* m³/h	97/67* m³/h	130/89* m³/h
Concrete pressure of up to	70 bar	55 bar	71/106* bar	71/106* bar	112/130* bar
Strokes/min	33	42	37/25*	37/25*	26/18*
Delivery cylinder stroke	1,000 mm	1,000 mm	1,400 mm	1,400 mm	2,100 mm
Delivery cylinder diameter	180 mm	180 mm	200 mm	200 mm	230 mm
Pressure connection	5.5 " (125 mm)	5.5 " (125 mm)	5.5 " (125 mm)	5.5 " (125 mm)	6 " (150 mm)
*concrete pump (piston side)					
Hopper					
Capacity	300 l	300 l	600 l	600 l	600 l
Maximum noise levels	112 dB(A)	112 dB(A)	123 dB(A)	120/123 dB(A)	117 dB(A)
Central lubrication	manual	manual	manual	manual	manual
	Rubber collar (as an option)	Rubber collar (as an option)	Rubber collar	Rubber collar	Rubber collar
Chassis					
Engine	Diesel Deutz, 3 cylinder	Diesel Deutz, 3 cylinder	Diesel Deutz, 6 cylinder	Diesel Deutz, 6 cylinder	Diesel Deutz, 6 cylinder
Engine power	55,4 kW (75,5 HP)	55,4 kW (75,5 HP)	150 kW (204 HP)	150 kW (204 HP)	330 kW (450 HP)
Engine emission	EU-Stage V	EU-Stage V	EU-Stage V / Tier 4	EU-Stage V / Tier 4	Stage IV / Tier 4f
Crawlers	Rubber	Rubber	Steel	Steel	Steel
Maximum speed	2 km/h	2 km/h	1.7 km/h	2 km/h	2.5 km/h
Diesel tank	120 l	120 l	120 l	135 l	230 l + 50 l AdBlue
Lights	4 x LED (as an option)	4 x LED (as an option)	1 beacon	2 on the hopper, 1 in front	2 on the hopper, 1 in front
Remote control					
Radio remote control	Driving and pumping	Driving and pumping	Driving and pumping	Driving and pumping	Driving and pumping
Cable remote control	-	-	-	Pumping	Pumping
Cable length				10 m	10 m
Cleaning equipment					
Water tank	300 l	300 l	500 l	800 l	1,100 l
Cleaning pump	50 l/min, 20 bar	50 l/min, 20 bar	50 l/min, 20 bar	50 l/min, 20 bar	160 l/min, 25 bar
Air compressor	745 l/min eff.	745 l/min eff.	820 l/min	820 l/min	860 l/min
Pressured air tank	40 l	40 l	60 l	60 l	120 l
	Accessories	Accessories	Optional stairs	Safety platform	Safety platform
			Accessories	Accessories	Accessories
Others					
Putzmeister standard paintwork	Pump, frame, roof anthracite grey, doors chrome yellow	Pump, frame, roof anthracite grey, doors chrome yellow	MB 9147 Arctic White	MB 1227 Yellow	MB 1227 Yellow
Technical documents	1 paper copy, 1 CD-ROM, 1 spare parts list	1 paper copy, 1 CD-ROM, 1 spare parts list	1 paper copy, 1 CD-ROM, 1 spare parts list	1 paper copy, 1 CD-ROM, 1 spare parts list	1 paper copy, 1 CD-ROM, 1 spare parts list
			Electric vibrator	Electric vibrator	
Options (excerpts)					
	Automatic central lubrication	Automatic central lubrication	Automatic central lubrication	Automatic central lubrication	Automatic central lubrication
	Electric vibrator	Electric vibrator	High pressure water pump	High pressure water pump	High pressure water pump
	Splash guard foldable	Splash guard foldable	Crawler pads	Crawler pads	Personalized paintwork
			Stairs for cleaning the hopper	Pump-Pilot communication system	
			Pump-Pilot communication system	Pump-Pilot remote control system	
			Pump-Pilot remote control system	Safety kit	
			Delivery pistons "Longlife"	Personalized paintwork	
			Hard metal wear parts kit		
			Delivery output line		
			Extra radio remote control		

Putzmeister BSC: the new generation



Putzmeister BSC: your best partner for bored pile filling

The BSC line was designed to adapt to pile bore filling work in civil engineering and construction, offering Putzmeister's quality concrete pumps with convenient crawlers.

The range offers greater independence of movement to simplify the process and optimize logistics on site.

Our pumps combine great pumping output and pressure for a variety of applications, with a maximum output of 130 m³/h or pressure of 130 bar.

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