



Putzmeister



Truck-mounted concrete pump M27

The smart machine – compact, versatile, economical

The Putzmeister Group supports construction projects globally



We deliver the best quality, performance and services

Putzmeister develops, produces, sells and serves its customers worldwide with technically high-quality and service-oriented machines in the wide range of areas including truck-mounted concrete pumps, stationary concrete pumps, placing booms and accessories. We operate at the leading edge of innovation and offer advanced technologies, best quality and services that keep job sites running safely, efficiently and productively, even in extreme conditions. As a result, we established world records in concrete pumping performance. Putzmeister always pursues innovative products and services to offer better solutions. We are close to your business throughout our global sales and service locations to be your partner of choice.

Technical Innovation

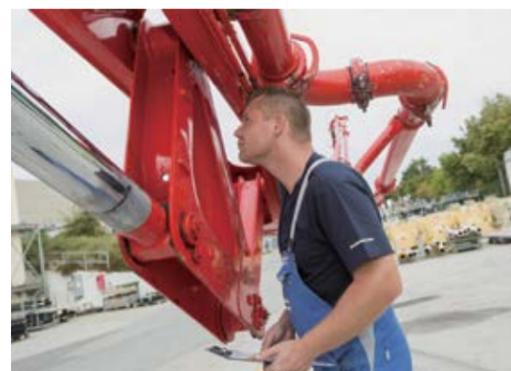
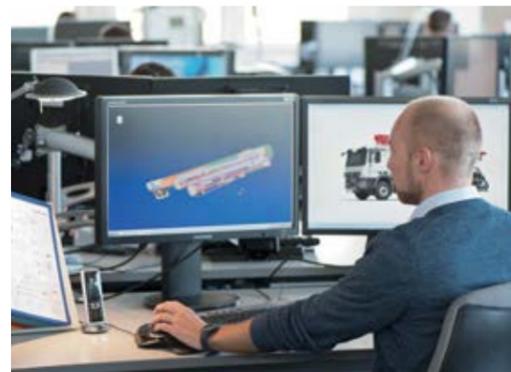
We are committed to continuous investment in R&D activities and offer innovative solutions that improve your productivity. We pursue new generations of products that deliver higher productivity, usability and performance.

Quality that you can rely on

It is our mission to develop and produce machines that meet technical needs and deliver an outstanding performance every day on your job sites. Our commitment to quality leads to continuous effort by leveraging innovative technologies such as 3D-CAD programs, FE analysis, welding robots for creating perfect welded seams.

Advanced Technology

Industry 4.0 offers enormous potential for increasing your competitiveness. Key aspect is transparency of operational information. You can receive a comprehensive fleet information timely. We support your innovation by offering new digital fleet management systems – the Putzmeister Machine Cockpit.



Our Story

We deliver an innovative machine to Japanese customers.

In 1992, Putzmeister established its affiliate in Japan, Putzmeister Japan (PMJ). Since then, we as PMJ are committed to the Japanese market through the wide range of local functions including manufacturing, parts supply, after services as well as sales & marketing. We have been realizing higher productivity and innovative solutions in the construction industry in partnership with Japanese customers.

Lately, we have been focused on 30 m class truck mounted pumps in Japan. It successfully contributed to large scale projects and productivity improvement in the industry. As a proof of our further commitment to Japanese market, we developed M27 which is a compact machine on 2 axle (4x2) trucks. The new machine is primarily designed to Japanese market with our commitment to provide values in the long term.

Our global team in Germany and Japan has jointly capitalized on our technical expertise and local experience in product development including the newly designed boom and pedestal. As a result, a compact and intelligent machine which realizes flexibility and smart operations has been developed. M27 is mounted on a compact 2 axle (4x2) truck with the longest 27 m boom – the real utility machine.



Putzmeister promise

The name Putzmeister stands for machines that enable you to work with extreme productivity and go beyond purely being competitive. To this end, we provide extraordinarily innovative technologies alongside top quality and excellent service.

We are fully dedicated to supporting you both around the world and around the clock. And this is because every Putzmeister employee recognizes that your machine has important jobs to do.

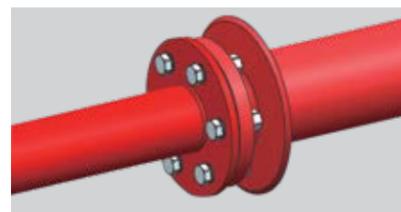
Your Putzmeister Team

The longest 27 m boom on a compact 2 axle truck providing high flexibility

Compactness and the highest boom have been realized by new designed boom and pedestal. High flexibility provides innovation in Japanese job sites.

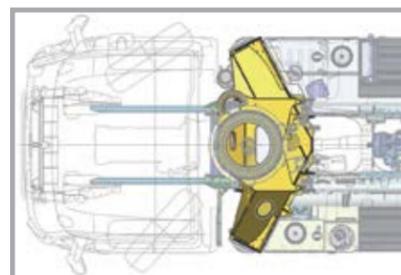
New Boom: Light weight 27 m Z-folding boom

New designed 27 m boom improves flexibility with 100° a-angle and realizes the highest boom on 2-axle trucks in Japan. Less vibrations and less wobbling of the boom are achieved by laying the delivery lines in neutral and straight arms. Service friendly access to the boom and all pipeline on one side is realized for quick replacement of delivery lines with standardized pipe bends and screwed pipe supports.



New pedestal: Compact machine

Brand new pedestal design TRC enables a compactness of the whole unit by saving 600 mm space, which provides more space on the side deck. It also allows weight saving and provides stability by improving center of gravity.



Chassis: Short wheelbase enables high flexibility

Less than 9 m total length is realized by compact trucks with short wheelbase (SCANIA: 4,750 mm, HINO: 4,800 mm). Utility machines can address to any small job sites. High engine power (SCANIA: 410PS, HINO: 320PS) realizes high pumping performance.

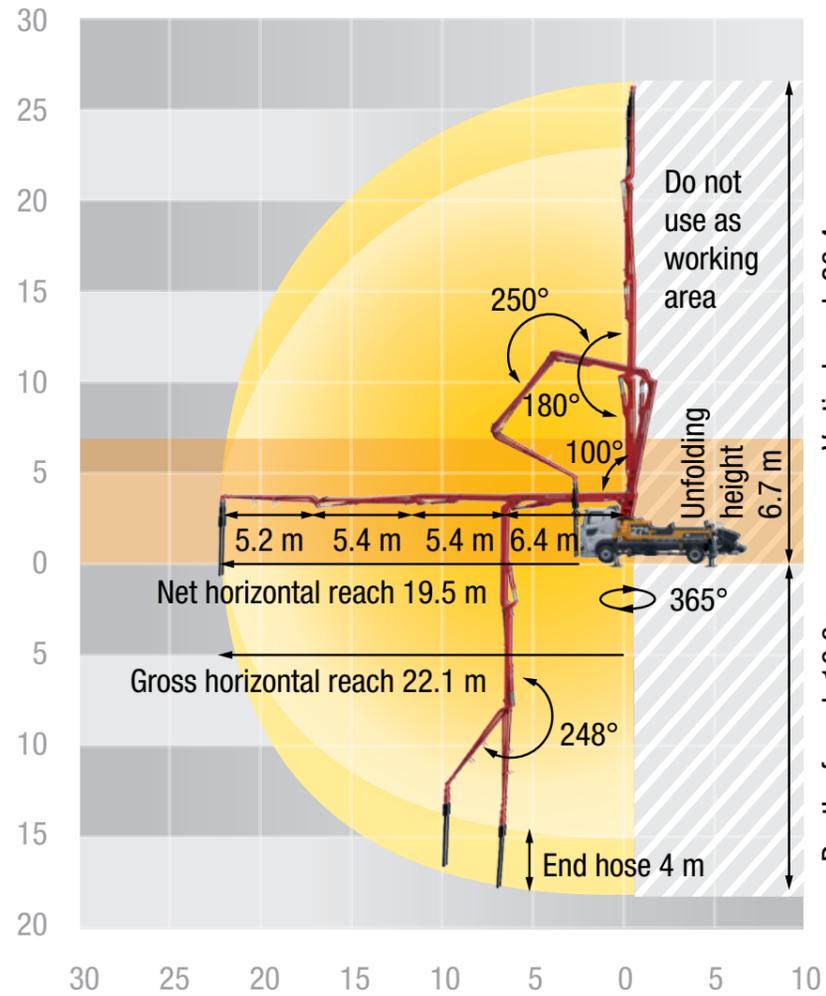
Core pump systems: FFH and SBU at 100 bar

Advantage of Putzmeister's Flee Flow Hydraulic systems (FFH) has been proven in the industry. It realizes high efficiency and less vibrations. SBU offers to switch performance to output pressure of 100 bar, which is suitable for high rise jobs.

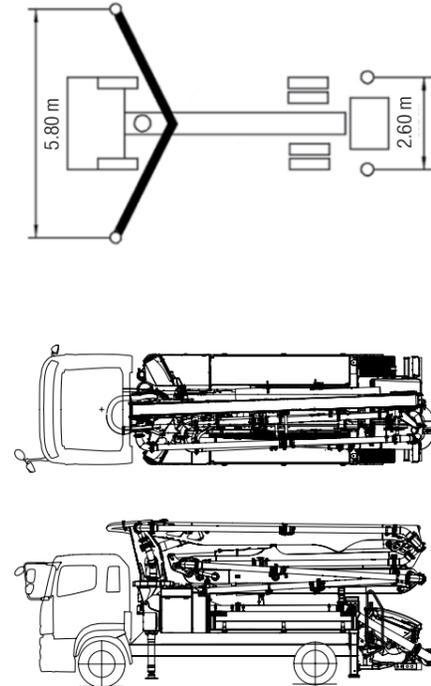
Technical data

M27

Reach diagram

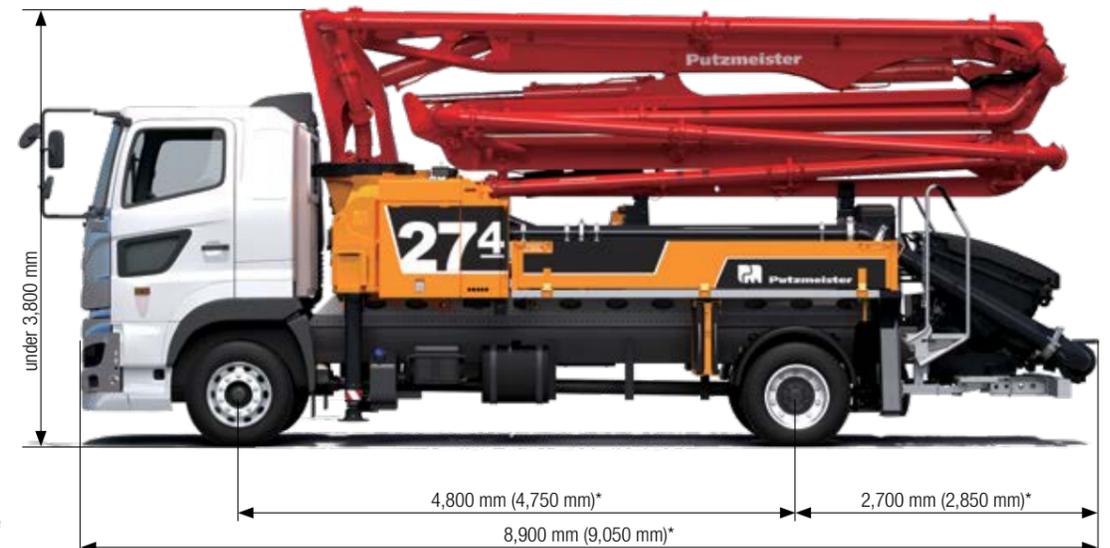


Support width



Specifications

Chassis		Model type		BSF27-4.12H	
		Type	SCANIA	HINO	
		Passenger capacity	2	3	
		Engine power	410 PS (302kW)	320 PS (235kW)	
		Gross vehicle weight	17,950 kg	17,400 kg	
		Fuel tank capacity	300 L	300 L	
		Length	9,050 mm	8,960 mm	
		Wheelbase (axle length)	4,750 mm	4,800 mm	
		Tyre size	Front: 315/80R 22.5	Rear: 295/80R 22.5	
		Suspension	Front: Leaf springs	Rear: Leaf springs	
			Rear: Air springs	Leaf springs	
Outrigger / boom		Outrigger width	Front: 5.8 m	Rear: 2.6 m	
		Outrigger installation method	Hydraulic lever		
		Flexible support (OSS etc.)	Yes (optional)		
		Number of arms	4		
		Maximum vertical reach	26.4 m		
		Max. horizontal reach length	gross: 22.1 m		
			net: 19.5 m		
		Maximum depth of reach	16.6 m		
		Unfolding height	6.7 m		
		Folding type	Type Z		
		Delivery line type	DN125		
Pump			Rod side	Piston side	
		Max. output	120 m³/h	82 m³/h	
		Max. delivery pressure	67 bar	81 bar	
		Number of strokes	46 /min.	31 /min.	
		Delivery cylinder diameter	200 mm		
		Stroke	1,400 mm		



* Depends on machine specifications

Putzmeister supports customers worldwide with global locations



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