

To Serve, Improve,  
Create Values



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# Top-class Concrete Pumps

World-wide proven in operation:

Modern, flexible placing booms with vertical height of 16 to 62 m and powerful pump technology with up to 200 m<sup>3</sup>/h



Truck-mounted concrete pumps

With the reliable PM trunk system for outputs up to 200 m<sup>3</sup>/h, concrete pressures with up to 130 bar and concrete placing booms with up to 62 m reach.



M62



M36-Z



## SANIMA

The compact City Pumps with flexible technology for various applications.

SANIMA with 16 or 20 m boom and additional hoses. Standard version with S-transfer tube.



Rotor pump

The original PUMI®

The PM truckmixer pump with up to 60 m<sup>3</sup>/h output and placing boom with 16 to 31 m vertical reach.

With powerful piston or environment-friendly rotor pump. Ideal for small up to middle-sized construction sites.



PUMI® CS



Fleet Management with PM-DAISY® NT

PM-DAISY® NT is the appropriate applications software for the concrete pump service and construction companies. It provides an overview and full control (via radio and GPS) over disposition, communication, invoicing, service and repair and with this the basis for a successful fleet management.



pm daisy<sup>nt</sup>

# Top performance on large construction sites

With powerful technology and reliable know how  
– proven in records for decades



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## Stationary concrete pumps

For every task the right S-pipe Elephant. For reliable top performance with outputs up to 200 m<sup>3</sup>/h and concrete pressures up to 260 bar.



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## BSA 1000 series

The super-silenced multiple-purpose pump for high pressure conveying and injecting. Trouble-free conveying of cement slurry as well as concrete with 32 m grain. Output of up to 47 m<sup>3</sup>/h.



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## Stationary booms

Economical placing of concrete on large construction sites with stationary booms with reaches of 10 to 60 m.



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## CPD – Concrete Project Division plans and looks after the placing of concrete for large construction projects

The CPD engineers offer comprehensive know how and experiences based on many years in delivering and placing of concrete on large construction sites. The objective is to achieve the optimum application of stationary concrete pumps and placing booms, pipe lines and distribution systems and control of complex plants.



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# With innovations into the future



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## Conveying of bulk material and concrete of all kinds with the PM Telebelt

It becomes more and more important on modern construction sites that various materials – even those which cannot be pumped – can be placed faster, more economically and more comfortably – and preferably with the same machine.

Here the Telebelt is absolutely unbeatable.

It offers new economic chances in the field of application and distribution of bulk materials of any kind such as gravel, sand, earth, all sorts of concrete, etc.



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## Dynajet Professional High Pressure

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With a pressure range up to 500 bar and adjustable water temperature to more than 100°C Dynajet units provide sufficient cleaning power for nearly every application.

## Skywash SW 33

Quick and safe fully-automatic aircraft-surface cleaning of large-capacity aircraft. Skywash reduces personnel costs and ground times considerably and thus provides a better capacity utilisation of aircraft.

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The first "genuine" Putzmeister – the world's largest cleaning robot and symbol for Mechatronic



# Plastering machines and floor-screed conveyors

Innovative technology from the pioneer of mortar machines  
– the base products from Putzmeister

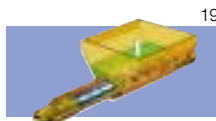


## S 5 EV universal worm pump

For grain sizes up to 6 mm. Can be combined with positive-action mixer or continuous mixer. Infinitely variable pump output of 5 to 40 l/min.



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## SP 11 worm pump

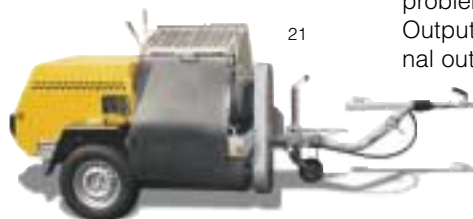
For job-site mixes and ready-mix mortar. Infinitely variable pump output up to 60 l/min. Pump pressures up to 30 bar. Floor-screed version up to 200 l/min. With diesel or electric hydraulic drive.



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## P 13 piston pump

Pumps even the most difficult mortars without any problems up to 30 storeys. Output: 18-80 l/min., optional output up to 120 l/min.



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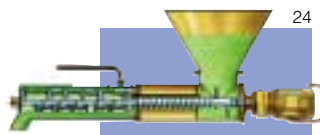
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## Putzomix continuous mixer

The ideal machine for mixing ready-mix mortar from sack, silo or container. Mixing performance 20-90 l/min.



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## Sprayboy

The mixing, pumping and spraying machine for many applications. Ideal for fine mortars up to 3 mm grain size. Handy in size and easy to operate. Optional 400 V or 230 V version.



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## MP 22/MP 35

Easy to dismantle, quiet in operation and comfortable to operate. The MP 22/35 creates a top mixing quality for all pre-mixed dry mortars.



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## Mixokret system

For efficient conveying with compressed air. Mixokret machines with built-on compressors of 2.4 to 5.3 m<sup>3</sup>/min. Mixing and conveying outputs lie between 2 and 4 m<sup>3</sup>/h.

Moist, thick-plastic and granular mixes, fine concrete and floor-screeds with up to 16 mm grain are mixed and conveyed through flexible hose lines.



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# Putzmeister Systems Engineering - PAT

– for the decision is left to the optimum system so lution

## Tunneling machines

### Shotcreting

The Wetcrete Mobile WKM 102 – the compact and versatile concrete spraying machine for tunnel construction. Ideal for smaller and medium-sized tunnel cross-sections and for work on embankments with shotcrete.



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### Muck removal

PM pioneer achievements in muck removal since 1978 have opened new ways in tunnel construction.



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### Tunnel concreting

A mature and complete programme of PM machines is available for tunnel concreting. Even for weight-batched concrete production inside tunnels with positive-action mixers.

Modern PM injection plants set standards.

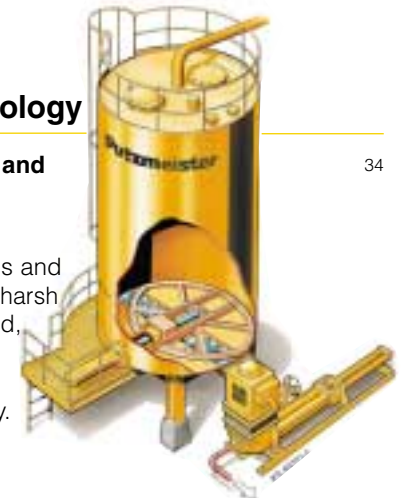


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## Industrial Pumps Environmental technology

### High-density solids pumps and silo technology in systems technology

PM high-density solids pumps and silo technology for conveying harsh materials. Successfully applied, e.g. in sewage works, waste recycling, power stations, dredging and mining industry.



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### PDF

Silo technology with sliding frame technology for highly de-watered and very viscous sludges. Can be applied as receiving and storage silos for feeding pumps and loading trucks resp.

### KOV

Oil-hydraulically driven double piston pump with ball valve.  
**Max. 60 m³/h, 90 bar.**



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### KOS

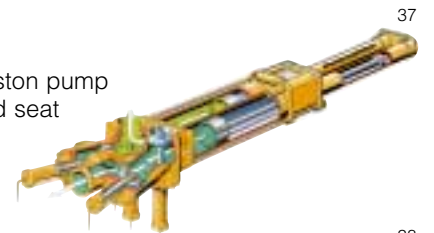
Oil-hydraulically driven double piston pump with S-transfer tube.  
**Max. 500 m³/h, 130 bar.**



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### HSP

Oil-hydraulically driven piston pump with hydraulically actuated seat valves.  
**Max. 200 m³/h, 130 bar.**



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### EKO

Oil-hydraulically driven single piston pump with the "thrust principle" and cutting tools.  
**Max. 25 m³/h, 80 bar.**



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Putzmeister Services – your partner world-wide for the conveying and placing of concrete, mortar and high density solids.

Putzmeister offers you advanced and reliable machine technology – but what is important here is what stands behind it:

the people who are there when you need them and who are able to help you competently and quickly.

## Parts Service

You have chosen a reliable Putzmeister concrete pump. Why put its availability at risk on the construction site and use poorer quality 'pirate parts'? We offer you tested original parts with the guarantee of a 24 hour delivery service.

Our world-wide service network also offers availability on site.



Original parts are only available from us



## Technical Support

The "Technical Support" supports you in Germany with its 24 hour emergency service which will be consequently developed also in Europe and overseas.

The Technical Support is at your disposal whenever you need it. For what matters most is that you can do your job successfully.



Do you need help?  
We are already on our way



## Knowledge Transfer

It is always useful if you can learn from the experience of others. And this is why we want to pass on our experience. For example, there is the Putzmeister Academy with its competent and individual training sessions and seminars.

Or concerning large projects: Along with you we want to find the optimum solution for your jobs.



We share our expertise



# From a Craftsman's Business to a High Tech Company

Parent company, main assembly plant for concrete, mortar and high-density solids pumps.



- 1958** Dipl.-Ing. Karl Schlecht founded the company "KS-Maschinenbau" for building plastering machines
- 1961** Construction of the first section of Factory 1 in Filderstadt near Stuttgart Airport
- 1963** New name "Putzmeister" stands for master plastering
- 1964** Founding of branches in Munich, Essen and Hamburg
- 1965** Manufacture of Gypsomat, the first automatic and continuously working plaster machine in the world for gypsum plaster, revolutionising the plastering technique
- 1966** Launching of Mixokret floor-screed pneumatic conveyors – mixing and conveying of stiff fine concrete
- 1968** Commencement of the production of PM concrete pumps with 2 m stroke for big pulsation-free outputs. Proved successful with 45 % of the market share by 1969.

- 1971** Opening the new concrete pump plant in Aichtal. 1000th concrete pump delivered. First series of Elephant transfer tube pumps - patented world-wide.
- 1972** 20,000th plastering machine sold. All branch offices in their own premises. 40% market share for truck-mounted concrete pumps.
- 1974** Further subsidiaries (assembly/sales) opened in France, Italy, Spain, Great Britain and Brazil
- 1976** High-rise concrete pumping world record - 310 m at the Post Office Tower in Frankfurt/Main. Commencement of industrial pump manufacture as a third major product group.
- 1978** New world record: Concrete pumped to a height of 340 m over a total distance of 600 m in the St. Gotthard Tunnel (Switzerland)
- 1980** Establishment of the 4th business sector: Tunnel Concreting Machines
- 1982** Delivery of the largest concrete pump in the world, almost 50 m boom height with 150 m<sup>3</sup>/h output capacity. The company Thomsen (US) taken over as "Putzmeister America".



# Qualitative, innovative and competent ... the better idea(s)



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Assembly of pump components onto trucks in Aichtal



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Modern, light, environmentally-friendly large assembly plant at the works in Aichtal



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Putzmeister AG branch factory Althengstett near Calw. Manufacturing of supporting structures and boom pedestals



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Putzmeister AG branch factory Gründau near Frankfurt. Manufacturing of standard placing booms for PM truck-mounted concrete pumps

- 1983** Another pioneer achievement - the "Shotcrete Buffalo" - as the largest wet shotcrete pump in the world
- 1985** New concrete pumping world record: 432 m pumping height in the Spanish power station tunnel
- 1986** Delivery of the world's largest concrete pump with 62 m boom. PM concrete pumps sold the most in the whole world. Putzmeister concrete pumps with special radiation protection for encapsulating Russian Chernobyl reactor.
- 1987** Delivery of the 5,000th PM Elephant
- 1988** Eurotunnel site equipped with electrically-controlled Putzmeister concreting, injection and mucking pumps
- 1989** Take-over of Wibau/Scheele, Gründau-Rothenbergen, Germany
- 1990** Founding of "Putzmeister Halle". Service supporting centre near Leipzig airport for the new Federal states.
- 1992** Joint Venture company "Putzmeister Japan" founded
- 1993** Foundation of "Putzmeister Racine", second branch in the US

- 1994** World record: 532 m high-rise concrete conveying at the power station "Riva del Garda", Italy. Foundation of the "Putzmeister Berlin" branch in Berlin/Basdorf.
- 1995** Putzmeister Mortar Machines converted into a Private Limited Company (GmbH)
- 1996** "Putzmeister China" factory completed in Shanghai as third global HUB for Far East
- 1997** Putzmeister converted into PUTZMEISTER AG. A new world record in long-distance pumping over 2015 m was set in Le Refrain, France. First Skywash machines put into operation at DLH (German Lufthansa).
- 1998** Foundation of "Putzmeister Korea"
- 1999** Putzmeister Academy converted into a Private Limited Company (GmbH). Construction of a new factory at Putzmeister Brazil in São Paulo.
- 2001** The computer-aided Ergonic Boom Control revolutionizes the boom control. As of now the best seller M 36 can be obtained with Z-fold. The world's largest S-pipe pump KOS 25200 conveys 500 m<sup>3</sup>/h.

# Competence near you – world-wide



VSN = Sales and Service branch  
W = Manufacturing assembly



Putzmeister branch in Hamburg/Seevetal (VSN)



Putzmeister United Kingdom in Chesterfield/Great Britain (VSN)



Putzmeister Italia in San Clemente/Italy (W, VSN)



Putzmeister branch in Berlin/Basdorf (VSN)



Putzmeister France in Epinay/France (VSN, since 1974)



Putzmeister America in Racine, USA (W, VSN)



Putzmeister branch in Munich/Eching (VSN)



Putzmeister Ibérica in Madrid/Spain (W, VSN)



Putzmeister China in Shanghai, China (W, VSN)

## Own branch offices in Germany

In Hamburg, Hildesheim, Berlin, Essen, Gera, Frankfurt and Munich.

## International assembly, service and sales companies

In Italy, Spain, Great Britain, France, Brasil, USA, China, Japan, South Africa, Korea, Turkey and India.

## PM Sales and Service stations

In Moscow and Singapore.

## Overseas Agencies

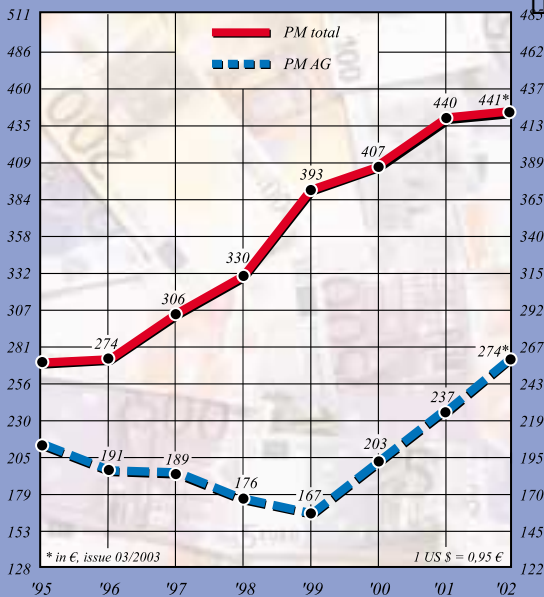
In Algeria, Argentina, Australia, Austria, Bahrain, Belgium, Bolivia, Brazil, Bulgaria, Canada, Chile, China, Columbia, Costa Rica, Cuba, Cyprus, Czech, Denmark, Ecuador, Egypt, El Salvador, Finland, Ghana, Great Britain, Greece, Guatemala, Hong Kong, Hungary, India, Indonesia, Iran, Italy, Japan, Jordan, Korean, Kuwait, Lebanon, Libya, Luxembourg, Malaysia, Malta, Mauritius, Mexico, Netherlands, New Zealand, Norway, Oman, Pakistan, Peru, Philippines, Poland, Portugal, Qatar, Rumania, Russian Commonwealth, Saudi Arabia, Singapore, Slovakia, Spain, Sweden, Switzerland, Syria, Taiwan, Thailand, Tunisia, Turkey, Ukraine, United Arab Emirates, USA, Venezuela, Vietnam, Yemen, former Yugoslavia.

## Development of turnover

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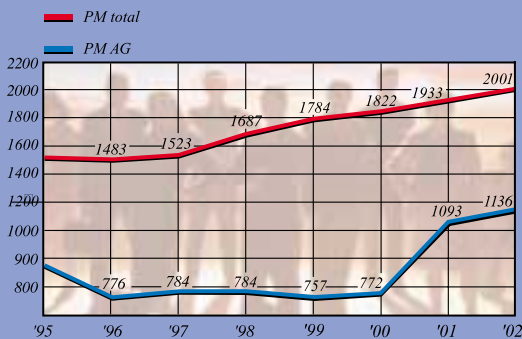
Sales Mio. €

Sales Mio. US \$



## Development of employees

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