Enjoy – to Serve, Improve and Create Values
Putzmeister Concrete Technology - mehydronic®
ennobles service companies, helps management to

quality business

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 m³/h

**Truck-mounted concrete pumps**

With the famous PM trunk system and automatic seal ring – C or S type – for outputs up to 200 m³/h or 130 bar. Placing booms with up to 70 m reach. Patented Mehydronic features for simple and most efficient operational service and highest reliability. Electronic Boom Control with “Follow me – intelligent end hose” for much easier and more efficient concrete distribution.

**The City Pumps**

The compact City Pumps with flexible technology for various applications. High pressure pumps for long distance small line pumping. With 16 or 20 m boom and additional hoses. Standard version with S-transfer tube.

**The original PUMI® – low cost concreting for small jobs**

PM truckmixer pump with up to 60 m³/h output and placing boom with 16 to 31 m vertical reach, preferably 100 mm twin pipe system with powerful piston or environment-friendly rotor pump. Ideal for small up to middle-sized construction sites, 4 to 5 jobs – and more pours – a day.

Further details see leaflet BP 2047.

**“Operator happy“ features**

Simpler control, forget endhose surge and ZigZag with PM – unique Ergonic® Boom Control and Constream flow.

**Effective Fleet Management with PM-DAISY® XP**

PM-DAISY® XP – The key for ultimate success and effective fleet management and the ideal program and software for more effective concrete pump service.

It provides an overview and full control (via radio and GPS) over disposition, instant job communication, invoicing, service and preventive repair. This is the basis for successful cost saving and efficient fleet management. Proven and continuously improved since 1990.
CPD – Concrete Project Division plans and controls large and complex construction projects

Our CPD engineers offer comprehensive know how and long years’ experience in concrete and mortar technologies on complex construction sites for the optimum placing systems efficiency, using intelligent placing booms, pipe lines and distribution systems, high performance pipes and distribution systems and remote controlled survey and service for complex sites.

Stationary concrete pumps
For every task the ideal S-pipe Elephant. Reliable top performance with outputs up to 200 m³/h or concrete pressures 260 bar.

BSA 1000 and 1400 series
The super-silenced multiple-purpose pumps for high pressure conveying and injecting. Trouble-free conveying of cement slurry as well as coarse concrete. Output up to 100 m³/h.

The automatic ring automatically seals under pressure and considerably reduces wear. The few wear parts can be quickly exchanged. Optional in long-life hard metal version.

BSA 14000 HP
Stationary booms
Effective placing of concrete on large construction sites with intelligent and simple to handle self-climbing distributor boom systems, reaching horizontal 12 to 50 m.

Stationary booms
Effective placing of concrete on large construction sites with intelligent and simple to handle self-climbing distributor boom systems, reaching horizontal 12 to 50 m.

Visit us at www.putzmeister.com
Putzmeister Belt Technology

Not pumpable?
Large volume pours?
Low cost mix required?
No problem for a Putzmeister

These mobile telescopic belt conveyors with 15 to 38 m reach can surpass concrete pumps, cranes, wheel loaders and excavators in conveying and precisely placing any flowable material such as sand, concrete, aggregate, cereal grains, salt and a myriad of products ranging up to 150 mm diameter.

Telebelts have proven outstanding productivity worldwide in civil engineering, residential buildings, construction of railways and routes, stabilizing banks, dams, pipelines, foundations, harbours, airports, horticulture- and landscaping. They frequently are problem solvers in extreme situations — even in tunnels and especially under low roofs.

All concrete mixes, standard mixes, soft or extreme stiff and dry (for roller compaction), unpumpable lightweight mixes, previous, self-compacting etc. are handled — free of pulsations, free of pipe abrasion or blockages and no cleanout annoyances. Their fully radio remote controlled and infinitely variable output up to nearly 450 m³/h sets new records in construction speed — depending on model and material.

A dream to work with them compared to pumps, which — of course — can reach higher and farther.

All Telebelts have set new standards in versatility and profitability and often realize the IMPOSSIBLE.

Visit us at www.telebell.com
Further information see leaflet TB 3109-2 GB

Putzmeister Water Technology

The true Putzmeisters

Putzmeister: Mastership in making things better and more beautiful

Dynajet Professional High Pressure Cleaning Units

With a pressure range up to 3000 bar and an adjustable hot water temperature up to nearly 100°C Dynajet units are perfect for professional cleaning and refurbishment as well as for all users, which need highest cleaning efficiency.

Visit us at www.dynajet-online.com

Skywash SW 33 – mechydronic® in triumph

Quick and safe fully-automatic aircraft-surface cleaning. Skywash is the largest and most sophisticated mobile robot with precision distance sensing for cleaning brush. The Putzmeister Ergonomic® boom control is its simpler deriviate, all remote controlled machines with infinite speed, originally proven in Tschernobyl since 1986.

The first “genuine” Putzmeister — the world’s largest cleaning robot and symbol for Mechydronic proved highest PM engineering skills.
Putzmeister Mortar Technology

Plastering machines and floor-screed conveyors and small line concrete pumps

Innovative technology from the pioneer of mortar machines – the original Putzmeister excellence since 1958

**S 5 EV universal worm pump**
For aggregate sizes up to 6 mm. Can be combined with pan mixer or continuous mixer. Infinitely variable pump output of 5 to 40 l/min.

**SP 11 Beliso worm pumps**
For job-site mixes and factory-mix mortar. Infinitely variable pump output up to 55 l/min. Pump pressures up to 40 bar. With diesel or electric hydraulic drive. Available with lifting mixer, swivel mixer and trap mixer.

**P 13 plastering machines with piston pumps**
High-pressure piston pumps with pulsation-free flow for difficult mortars without any problems up to 30 storeys. Output: up to 75 l/min., optional output up to 120 l/min.

**P 715 Smal line-concrete pumps**
Powerful trailer mounted small aggregate pump with 100 mm outlet for concrete of 16 to 20 mm concrete aggregate, floor screed, self levelling floor screed etc. Ideal for shotcrete spraying, pressure-pointing, piles, mortar and concreting work. Output: up to 18 m³/h, conveying pressure max. 68 bar.

**Sprayboy refurbishment pumps**
The compact mixing, pumping, spraying and injection machine for many applications. Ideal for fine mortars up to 3 mm grain size. Usage for mixing and pumping by adjusting countercheckwise the rotation of motor and mixing shaft.

**MP 22 / MP 25 mixing pumps**
Since 1965 Putzmeister invented as a pioneer the continuous mixing, pumping and spraying machines for dry pre-mixed mortars (Gipsomat). Three series of mixing pumps create a top plastering quality for all users of factory mixed dry mortar. Constant pump displacement and mixer water injection automatically meters dry mortar. It is a constant working system with automatically water metering and dry mortar dosing into the mixer.

**Mixocret**
For efficient mixing and pneumatic conveying of earth-dry (semi-dry) and stiff mixes. Mixocret machines with and without built-on compressors of 2.5 to 4.9 m³/min. Outputs between 2 and 4 m³/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.

For more details please visit our webpage www.moertelmaschinen.com

Schematic of a pneumatic conveyor Mixocret
Putzmeister Underground Concreting – PUC

Tunneling and mining

Shotcreting
A full line of versatile concrete spraying machine for tunnel construction. Ideal for all sizes of tunnel cross-sections and for work on embankments or open mine slopes.

Diesel-electric drive, self-contained with all accessories, optional compressor and adaptive additive control in the nozzle (AAC-2008).

Muck removal with mortar injection and concreting
PM pioneer achievements in muck removal and pump backfill since 1978 have opened new ways in tunnel construction, proven in Euro-tunnel and other important construction sites all over the world.

Tunnel concreting
A mature and complete programme of PM machines is available for underground concreting (pumping, injection, transport). Modern automated back filling and PM injection plants with continuous mixers have set standards in Tunneling, proven in Eurotunnel.

Putzmeister Industrial Technology (PIT)

Pipe conveying and processing for complex applications environmental plants

Industrial technique

Environmental technology

Pumps for the worst: High-density solids pumps and automated silo technology for extreme and stiff materials
PM pumps and silo technology for processing harsh and “earlier unpumpable” materials. Successfully applied, e.g. in sewage works, waste recycling, power stations, dredging and mining industry. Double auger compression to force stiff material into pump cylinders.

PDF – Silo technology
with sliding frame technology for highly dewatered, very viscous sludges or “earth dry” material. Can be applied as receiving and storage silos for feeding pumps and loading trucks resp.

KOV
Oil-hydraulically driven double piston pump with ball valves.
Max. 50 m³/h, 100 bar.

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

HSP (Duplex and Triplex)
Oil-hydraulically driven piston pump with hydraulically actuated seat valves.
Max. 250 m³/h, 150 bar.

EKO
Single piston pump with “open throat”-cutting piston head. For extreme “non pumpable” materials even with metal and coarse mineral ingredients.
Max. 25 m³/h, 80 bar.

For more details see leaflet IP 2253-2 or www.putzmeister-pumps.com
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 for a long-year guarantee of a 24 hour delivery service.

Our world-wide service network also offers the quickest availability on site. Optional preventive maintenance programs and service contracts care for interruption free operation.

Technical Support

The “instantaneous Technical Support” in Germany grants 24 hour emergency service. It is adequately qualified in Europe and overseas.

The 3-stage Technical Support is at your disposal whenever you need it. For what matters most is that you can do your job successfully and let us care for your machines.

Knowledge Transfer

To stay on top means to learn from the experience effectively. This is why we want to pass our experience in the Putzmeister academy to all users with its competent and individual training sessions and seminars. They can be found on www.pm-akademie.de

Or concerning large complex projects: Along with you we want to find the optimum solution for your operation with our multi option pump systems and plant proposals. Our consulting team is at your disposal to lower overall costs.

Putzmeister Expert Services
Putzmeister – 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 even more important: experts globally nearby in Putzmeister customer centers PCC (www.putzmeister.com)

Expert distributors and subsidiary manufacturing and assembling plants in Germany, USA, Spain, Italy, Turkey, China, Japan and India.

Original parts only guarantee elephants features

Do you need help? We are already on our way with elephant persistence

We share our expertise cultivated with elephant love and partnership
From a Craftsman’s Shop to a Global High Tech Company

Putzmeister factories in Aichtal – 7 km south of Stuttgart Airport is the home of our parent company PM Holding GmbH and the KS foundations holding all shares.

1958  Dipl.-Ing. Karl Schlecht founded the company “KS-Maschinenbau” for building plastering machines: www.karl-schlecht.de
1961  Construction of the first section of Factory I in Filderstadt near Stuttgart Airport
1963  New company name “Putzmeister” stands for master plastering
1964  Founding of branches in Munich, Essen and Hamburg
1965  Gypsomat developed, the first automatic and continuously working plaster machine in the world for gypsum plaster, revolutionising the plastering technique and setting the fundament for modern pre-mixed dry mortar plastering industry.
1966  Launching of Mixokret floor-screed pneumatic conveyors – mixing and conveying of stiff fine concrete
1968  Introducing water-hydraulically driven PM concrete pumps with 2 m stroke for big pulsatation-free outputs. Proved successful with 45 % of the market share in Germany within 2 years.
1971  Opening the new concrete pump plant in Aichtal. 1000th concrete pump delivered.
1972  First series of Elephant transfer tube pumps – patented world-wide to re-place flapper valve.
1973  20,000th plastering machine sold. All branch offices in their own premises. 40% market share for truck-mounted concrete pumps.
1974  Take-over of Wurster GmbH, Althengstett near Calw
1975  Further subsidiaries (assembly/sales) opened in France, Italy, Spain, Great Britain and Brazil
1976  High-rise concrete pumping world record – 310 m at the Radio Tower in Frankfurt/Main.
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 m³/h output capacity. The company Thomsen (US) taken over as “Putzmeister America”.
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. 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 concrete, injection and mucking pumps
Qualitative, innovative and competent  
... the better idea(s)

High tech manufacturing facilities  
Germany, Spain, USA, China, Turkey, India

1989  Take-over of German CP competitor Wibau/Scheele, Gründau
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 “spin off” into separate Company (GmbH)
1996  “Putzmeister China” factory completed in Shanghai as third global HUB for Far East
1997  Putzmeister converted into PUTZMEISTER AG. New long-distance pumping record over 2015 m. First Skywash machines successful at DLH (German Lufthansa). Foundation of the “Putzmeister Gera” branch in Gera/Korbutten.
1998  Foundation of “Putzmeister Korea”
1999  Putzmeister Academy converted into a Private Limited Company (GmbH).
2003  Market launch of the BSA 702. Further development of the EOC (Ergonic® Output Control) for concrete pumps. Co-operation with the Swiss group SIKA AG for underground shotcreting robots. Development of the Autocor (Automatic Concrete placing on Rail) for casting pre-fab concrete.
2004  As module of Putzmeister Customer Center (PCC) Putzmeister Services provide fullservice (charged at $/m³ pumped) to 6 German customers with almost 50 boom pumps. Introduction of further elements in control systems such as the EPS (Ergonic® Pump System) and the core pump HLS, a large-volume double-piston pump with a delivery cylinder diameter of 250 mm in truck-mounted concrete pumps. Introduction of the 6-sectioned M 62.
2005  Contract for the delivery of concrete pumps, booms and pipelines to pump the Burj Dubai. The BSA 14000 SHPD super high pressure pump is developed, for concrete pressures of over 300 bar. Foundation of the “Putzmeister Berlin” branch in Berlin/Basdorf.
2006  Putzmeister Russia Moscow and the representative office in Dubai are established. Acquisition of Strobl Beschichtungstechnik GmbH in Biberach complete the PMT product range with small machines for painters and refurbishers.
2007  Putzmeister Turkey new plant finished in Cerkezköy and new plant Putzmeister India (Goa). Service branches of Putzmeister Ibérica in Valencia and Mollina. Worldwide now 37,00 employees.
Competence near you – world-wide
Putzmeister customer centers (PCC) – our strong “back bone“ for you

PCC = Putzmeister Customer Center as Sales and Service branch
MP = Manufacturing plant
AP = Assembly plant

Own German PCC branch offices
In Hamburg, Hildesheim, Berlin, Essen, Gera, Rassnitz, Eisenach, Frankfurt and Munich.

PM Sales and Service stations
Singapore, Dubai

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, Indonesia, Iran, Italy, Japan, Jordan, Korean, Kuwait, Lebanon, Libya, Luxemburg, 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.
This pocket folder does
not include the numbers of PMH affilia-
tes, Esser Werke, WINTUS, etc.

For more details:
www.karl-schlecht.de/holding