

Fine concrete pump P 718 – Record-breaking technology in the smallest of spaces

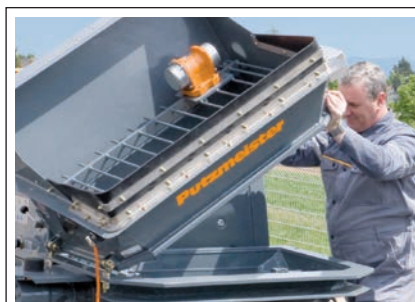
From the New York skyline, to the Jin Mao Tower in Shanghai, to the skyscrapers of Dubai... For many years, Putzmeister products around the world have stood for maximum performance and absolute reliability – even under the hardest of conditions.

We are now offering for the first time this outstanding technology in a surprisingly compact and versatile fine concrete pump: the new P 718.

It is our most powerful machine of this kind to date with impressive performance data, but also lightweight with a well thought-out and user-friendly design.

The modern and dynamic design of the P 718 makes it a real eye-catcher on any construction site. However, the **high-quality hood and body** do more than simply look good. They provide many additional practical benefits that increase the service life of the P 718 and help it retain its value:

- It is very lightweight, yet extremely solid at the same time
- Plastic does not rust
- The smooth paint finish effectively prevents dirt from accumulating on surfaces and is particularly easy to clean
- The body has been coated with a high-quality cathodic dip coating
- This results in an absolutely even coat of paint that provides reliable protection against rust



The **large hopper only needs to be folded away to the side** for easy maintenance or cleaning. The agitator is then completely open and easily accessible in front of you. This will save time and effort.



You only need to press one button to open the hood. It immediately moves upwards completely by itself.



Transportation to the construction site and manoeuvring on site are child's play thanks to the **roadworthy T-chassis**. On inaccessible construction sites, the P 718 can also be put into position by crane. The **solid lifting eye** fitted as standard makes it possible

The **solid support feet** provide excellent stability for your work. They are simply retracted for transport.



Once the hood is open, the **tidy and easily accessible engine compartment** is visible. All maintenance and service areas can be accessed quickly and conveniently from here.

Model	P 718 ^{TD}
Piston pump	2-cylinder, hydraulically driven
Theor. delivery rate (piston side)*	max. 17.4 m ³ /h
Delivery pressure (piston side)	max. 68 bar
Cylinder diameter/ piston stroke	150 mm/ 700 mm
Strokes (min.)	25
Diameter of drive cylinder	80/ 45 mm
Diesel engine	3-cylinder, 34.5 kW
Hopper capacity	360 l
Chassis (braked)	T-chassis 2,500 kg
Weight (full tank)	2,320 kg
Drawbar load	70 kg
Dimensions (L x W x H)	4,503 x 1,600 x 1,750 mm
Fill height	1,180 mm
Maximum grain size	32 mm
Pressure connection	5.5"
Part no.	111 514.500

*Data depends on speed rotation, material and equipment.

The P 718 is operated entirely from one side:

- infinitely variable adjustment of the delivery rate and engine speed, etc.

From here, you always have the material flow from the truck mixer in view. A robust plastic flap protects the operating elements and control displays from dirt and damage.

Fine concrete and liquid screed

The P 718 conveys more than just fine concrete up to 32 mm. You can also use the piston pump for liquid screed.

This makes the P 718 an unbelievably versatile fine concrete pump that can be used when space is limited on the construction site.



The P 718 conveys fine concrete up to a grain size of 32 mm, among other things.



Truck mixers have ideal access to the large hopper.

Environmentally sensitive power pack – the diesel engine

The **oil-cooled 3-cylinder diesel engine** in the P 718 provides 34.5 kW. This gives you sufficient power for tackling even the most demanding jobs any time.

Despite the high performance of this modern engine, it runs at a **very low speed**. This reduces wear, makes it substantially quieter and saves on diesel. Moreover, it complies with the recent **exhaust gas regulations** and thus has a low impact on the environment.



technology with the S transfer tube

Robust and reliable technology

The entire system of the P 718 is designed to work reliably even under heavy, constant usage. When selecting the components, we therefore made sure that **extremely robust and long-life parts** that meet our high quality standards were used:

- The powerful piston pump has hard-chrome plated cylinders, for example.
- The self-adjusting ring seals automatically and thus compensates for wear without the need for alteration
- The spectacle wear plate at the transition from the hopper to the delivery cylinder is also made of tempered steel
- Wear is also reduced by the flow-optimised design of the large S transfer tube...

Highest availability based on long service intervals



A vibrator is attached to the folding safety grille on the **hopper**. It ensures continuous material flow. The **large hopper can hold 360 l** and is designed to pump until almost empty. The remaining amount can be easily and conveniently emptied using the flap in the floor when cleaning.

The **agitator is positioned low down and is driven from both sides. It maintains a homogeneous mixture** and conveys the fine concrete directly to the cylinder openings without sucking in air. This produces a high fill level, a continuous material flow and a high delivery rate.

The heart of the P 718: the core pump

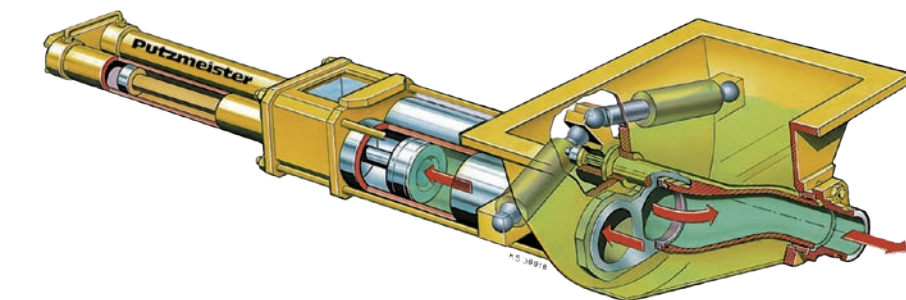
For years, Putzmeister products with their core pumps have been setting world records in pumping over long distances and to great heights. The trusted and extremely robust technology works reliably in continuous operation even with difficult material.

Moreover, all wear parts can be replaced very easily:

- Replacement of the delivery pistons is achieved conveniently via the easily accessible water box.

- Hydraulics and switch cylinders do not come into contact with the material and therefore remain clean.
- The attachable hopper is easy to fold away when carrying out cleaning or servicing work.

The Putzmeister S transfer tube is designed for a particularly long service life and long service intervals.



Fine concrete pump P 718



Standard equipment and accessories

Standard equipment for the P 718

Vibrator, rubber collar attachment, cleaning accessories, lifting eye, hard hat (yellow), toolbox with tools, operating manual and spare parts list.

Optional accessories for the P 718

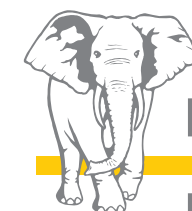
<ul style="list-style-type: none"> ■ Couplings/ seals Clamp coupling SK 5.5" 417 249 Clamp coupling SK 4.5" 431 613 A seal, SK 5.5" single-piece 055 559.001 Seal, SK 4.5" 057 341.000 Securing cotter pin 018 878.004 	<ul style="list-style-type: none"> ■ Delivery line, SK 5.5", ID 125 Delivery pipe, 1 m 056 849.008 Delivery pipe, 2 m 056 850.000 Delivery pipe, 3 m 056 851.009 Delivery pipe elbow 30° HP 258 935.008 Delivery pipe elbow 90° HP 261 402.007 Delivery hose, 3 m 433 497 	<ul style="list-style-type: none"> ■ Cleaning accessories Sponge balls medium, D 150 for SK 5.5" 018 841.002 hard, D 150 for SK 5.5" 223 673.007 D 120 for SK 4.5" 016 091.003 Wash-out adaptor 057 617.006 Closing lid 057 619.004 	<ul style="list-style-type: none"> ■ Rotary distributors RV0, SK 5.5", ID 125 500 570 RV7, SK 5.5", ID 125 455 597 RV10, SK 5.5", ID 125 426 078
<ul style="list-style-type: none"> ■ Delivery line, SK 4.5", ID 100 Delivery pipe, 1 m 056 861.002 Delivery pipe, 2 m 056 862.001 Delivery pipe, 3 m 056 863.000 	<ul style="list-style-type: none"> ■ Additional accessories: Delivery pipe elbow 90° 421 329 Delivery pipe elbow 45° 057 593.007 Reduction pipe SK 5.5"/SK 4.5", 1 m 057 604.006 Pipe clamp for wall/floor 053 800.008 Manual gate valve GVM 2/2 SK 5.5", ID 125 413 087 PM grout 266 743.004 		

Complete fine concrete delivery line approx. 100 m (NW125/5.5", 85 bar, ≤ 32 mm grain size)

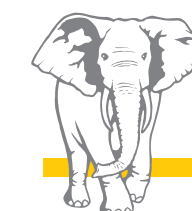
<ul style="list-style-type: none"> ■ Flexible line: 46x clamp coupling 417 249 46x seal 055 559.001 46x securing cotter pin 018 878.004 4x delivery line elbow, 90° 261 402.007 1x T delivery pipe, 1 m 057 615.008 1x pressure gauge, 100 bar 521 448 5x delivery hose, 2 m 027 643.000 18x delivery hose, 5 m 057 612.001 2x end hose, 3 m 233 649.005 2x holder for end hose 054 371.002 Sponge balls 6x medium, D 150 018 841.002 6x hard, D 150 223 673.007 	<ul style="list-style-type: none"> ■ Rigid line: 60x clamp coupling 417 249 60x seal 055 559.001 60x securing cotter pin 018 878.004 6x delivery line elbow, 90° 261 402.007 2x delivery line elbow, 45° 057 596.004 2x delivery line elbow, 30° 258 935.008 1x T delivery pipe, 1 m 057 615.008 1x pressure manometer, 100 bar 521 448 2x delivery pipe, 1 m 056 849.008 2x delivery pipe, 2 m 056 850.000 32x delivery pipe, 3 m 056 851.009 2x end hose, 3 m 233 649.005 2x holder for end hose 054 371.002 	<ul style="list-style-type: none"> ■ Closing lid for T delivery pipe 057 628.008 6x medium, D 150 018 841.002 6x hard, D 150 223 673.007
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