



BSF-42 Truck-Mounted Concrete Pump

New generation high performance machine

The New Substructure with Intelligent Technology

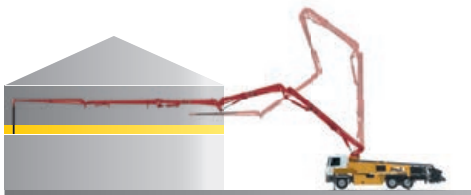


The new I frame concept offers improved torsional properties in comparison to the fixed frames. It has the same elasticity as the chassis. Driving thus becomes a pleasure and service life of the vehicle is extended.

Maintenance free components, the comprehensive bolted concept as well as the consistent use of standard component, make the operating and maintenance costs pleasantly usassuming and easy to calculate.

Unique Flexibility and Reach!

Putzmeister



RZ-Fold with 5-arm

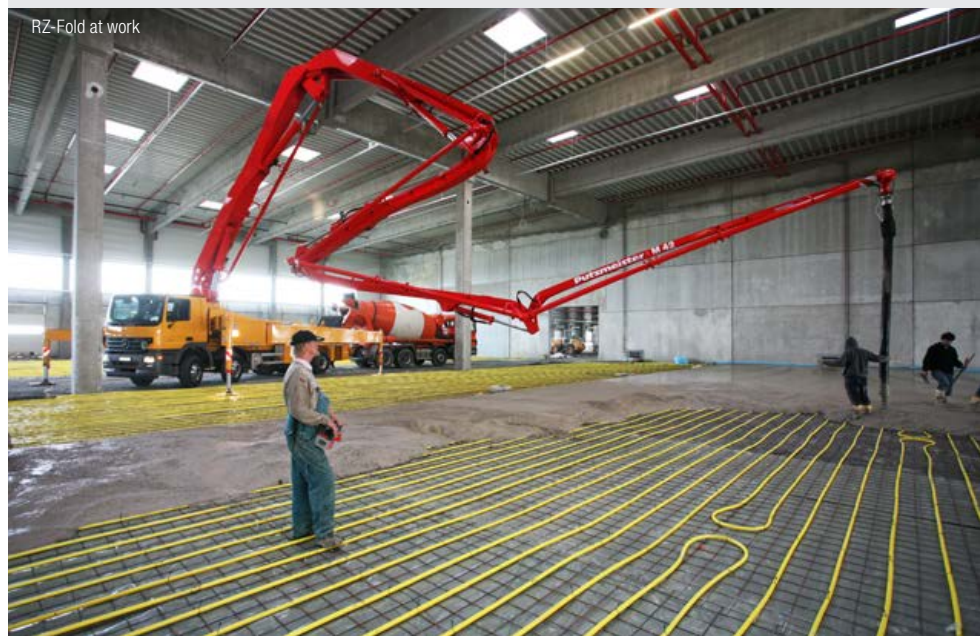


Unbeatable manoeuvrability with RZ-Fold system

Large horizontal, vertical and downward reach - 5 flexible short arms use the working space optimally

The 5 arm boom in the RZ-Fold system has an impressive action radius: 41.6 m vertical reach for all requirement in building construction; 30.7 m reach depth is considerably more than with a comparable 4-arm version. Concreting without dead zones directly from the driver's cab with a forward horizontal reach of up to 34.7 m.

The mobile 5-arm boom provides the machine operator with more manoeuvrability under difficult conditions, e.g. in low buildings, tight inner city areas or in the event of obstacles between the truck and the site of concrete placement.



RZ-Fold at work

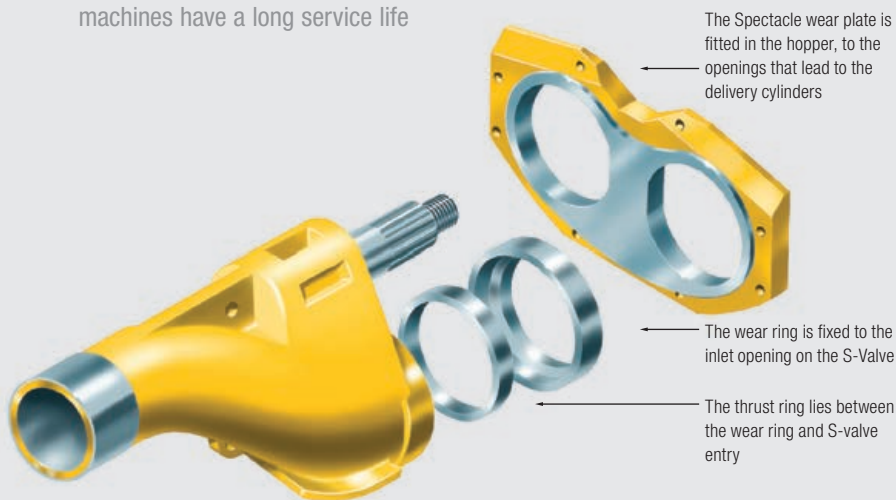
Cross Outriggers - for a longer life of the chassis

The truck is protected from damage by the transmission of forces to the support legs.

The forces from the boom are transmitted directly to the four support legs. The truck chassis is not used for force transmission and is therefore not loaded with torsion. This ensures not only quieter pumping operation but also a long service life of the whole truck.



High-quality wear components ensure machines have a long service life



The S-Valve for Placing Difficult Concrete

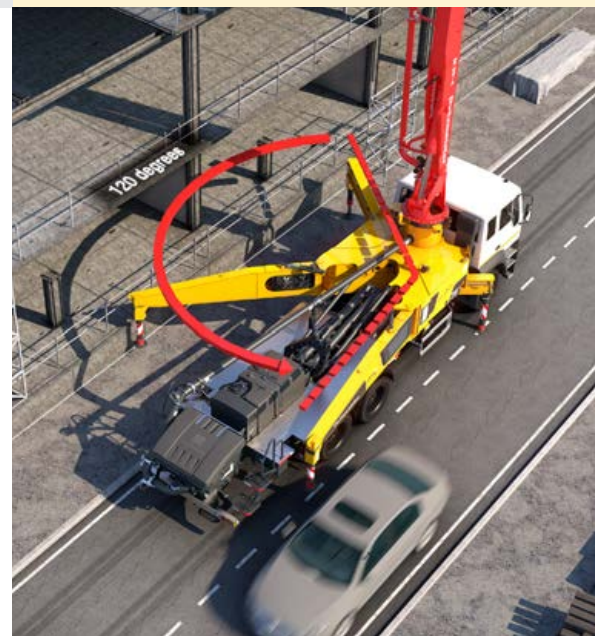
- The S-Valve that is manufactured out of thick-walled special cast steel is designed for difficult, abrasive concrete.
- The automatic wear ring compensates for the uniform wear of parts and therefore prolongs service life.
- The wear ring optimally seals the system. This prevents the bleeding out of concrete fines and effectively reduces the danger of blockages.
- All parts of the S-Valve are easy to change: no need to dismount the hopper for changing wear parts.

OSS and Radio remote features

Save space-be safe

The cross support developed by Putzmeister which is stable and reliable, saves time and space without compromising on safety.

Construction sites generally have restricted set-up conditions because they are located in urban areas or along busy roads. Therefore, with the optional OSS (One Sided Support), the telescopic support legs can be securely placed in minimal spaces between obstacles and hence reduce the width by 1/3 from the original 7 m. An important advantage of the OSS is that the full use is made of the net reach for the fully supported side.



Wireless remote

- * More user friendly interface
- * Precise Handling
- * Accurate pumping & boom control
- * Well defined controls for smoother operations.



BSF 42-5 Key Benefits

- Improved control of boom, due to reduced boom weight
- One Sided Support
- Optimized for service
- Chrome plated delivery cylinder
- Grab rails on both sides
- Hinged elbow with cleaning port
- Non-skid platform
- Environment-friendly
- Rubber collar at hopper
- Advantages of TRDI
- Remote control with 40 m cable and radio remote
- Improved safety and compliance
- Automatic greasing system
- Standard delivery line boards of 90° and 45° with extended collars for longer service life.
- Support plates for outrigger legs in easy accessible holder.

Unique Putzmeister Cleaning Lid!

Easy Maintenance!



Upto 50% Oil Savings!

Life Long Savings on Every Oil Change!

OTHER BRANDS
550 Lts



Putzmeister
265 Lts

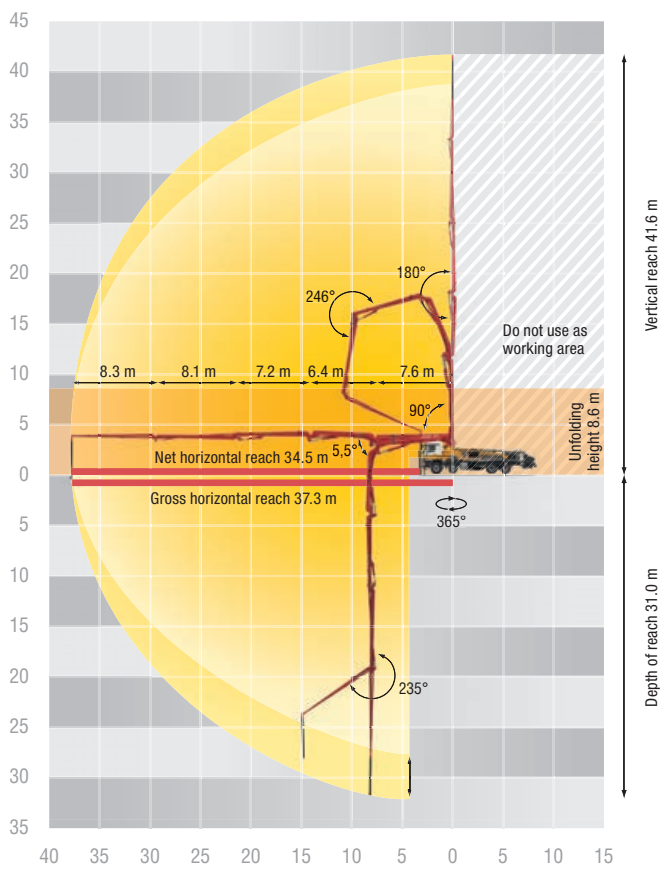


Technical Specifications

Pump	42.10 H
Piston Side	
Output	95 m³/h
Delivery Pressure	82 bar
Delivery Cylinder	230 mm
Stroke of Delivery Cylinder	1400 mm
Strokes / Minute	27
Hydraulic Ratio	4.3
Transfer Tube	S Transfer Tube (S 2318LS)
Hopper	RS 909 Approx. 600L
Filling Height	Approx. 1.35 m
Control System	Free Flow Hydraulics (FFH - EL)

Dimensions, weights and engine power depend on truck model.

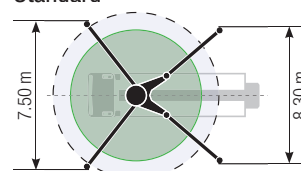
Reach Diagram



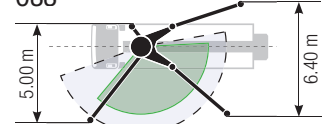
Boom

Reach Height	41.6 m
Horizontal Reach	37.3 m
Reach Depth	max. 31 m
Unfolding Height	8.6 m
Delivery Line	DN 125/5.5
Slewing Range	365°
Number of Arms	5
Folding System	RZ Fold
Hydraulic Control	Module Boom Control (MBC)
Remote Control	Cable Remote Control
Support Front: Rear:	Telescoping, Diagonally Swinging

Standard



OSS



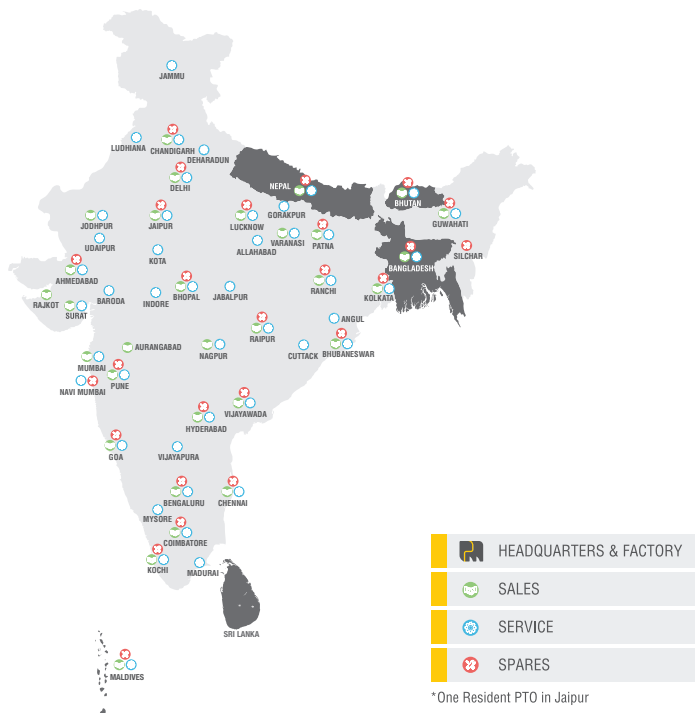
Putzmeister Concrete Solutions

#PMKnows

Putzmeister is a world leading solution provider for pumping, mixing and placing concrete, mortar and industrial solids. For over 60 years Putzmeister Concrete Solutions have been utilized by construction, infrastructure, mining, energy and environment sectors in a wide range of environments and application conditions all over the world. Whatever the construction challenge, Putzmeister has the experience and know-how to provide you with the right equipment, application support and guidance, service, training and spare parts. When you invest in Putzmeister, you don't just get concrete equipment – you get an integrated solution to help you make the most out of your investment and improve your profitability.

#PMCares

After Sales & Parts Service - India
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Putzmeister Concrete Equipment Range



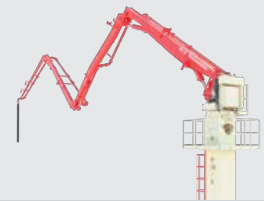
BATCHING PLANT
30 / 60 / 120 m³/hr



TRUCK MIXER
6, 7, 8 and 10 m³



STATIONARY PUMP
20 – 100 m³/hr



PLACING BOOM
28, 32 and 35



MOBILE LINE PUMP
40 – 70 m³/hr



TELEBELT
Horizontal Reach: 31.8 – 61 m
Vertical Reach: 16.78 – 34.70 m



**GYPSUM
PLASTERING**
2000 - 3000 sq.ft / day
Hor: 30 m or Ver: 15 m



**SAND-CEMENT
PLASTERING/GROUTING**
2500 - 3500 sq.ft / day
Hor: 25-70 m or Ver: 20-50 m



SHOTCRETE EQUIPMENT
4 – 30 m³/hr
Horizontal Reach: 7 - 15 m
Vertical Reach: 7.5 - 17 m

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