BSF-36 Truck-Mounted Concrete Pump
New generation high performance machine
The New Substructure with Intelligent Technology

Unbeatable manoeuverability with Z-Fold system

With its Z-Fold boom, the M 36-4 combines an optimum reach on a 3-axle chassis with added features and versatility, all at a gross weight of under 25 t. The great flexibility of the Z-Fold system and the narrow cross-section of the arm assembly significantly improve the M 36-4’s manoeuverability. This enables jobs to be completed as fast and as simply as possible. Overcoming obstacles on construction sites is no big deal, as the M 36-4 is even able to reach places which would usually require larger machines or boom extensions.

It is also possible for the boom to slip into structures of up to 10 m in height if the machine is very close to the building. This creates a noticeably longer net reach. Thanks to its Z-Fold system, the M 36-4 is ready to place concrete in no time, as not all of the arms need to be unfolded before pumping begins.

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 components, make the operating and maintenance costs pleasantly usassumming and easy to calculate.

Unique Flexibility and Reach!

Putzmeister

Unbeatable manoeuverability with Z-Fold system

Z-Fold:
Closer to the building and better use of the net reach

Roll Fold:
More distance to the building means effectively less reach

Other Brands

Low unfolding height allowing operation even in congested construction areas

Easy folding and unfolding of the boom

Easier to maintain elbows
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 Spectacle wear plate is fitted in the hopper, to the openings that lead to the delivery cylinders.
- The wear ring is fixed to the inlet opening on the S-Valve.
- The thrust ring lies between the wear ring and S-valve entry.

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.

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**BSF 36-4 Key Benefits**

- Low unfolding height
- Agitator safety cutout
- Chrome plated delivery cylinder
- Grab rails on both sides
- Hinged elbow with cleaning port
- Non-skid platform
- Remote control with 40m cable
- Rubber collar at hopper
- Fixed Splash guard
- Night Lamp and Horn
- Automatic greasing system
- Standard delivery line bends of 90° and 45° with extended collars for longer service life.
- Support plates for outrigger legs in easy accessible holder
- OSS, radio remote and personalised boom colours 36.10H

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**Unique Putzmeister Cleaning Lid!**

**Easy Maintenance!**

- Life Long Savings on Every Oil Change!
- Upto 50% Oil Savings!
## Technical Specifications

### Pump

<table>
<thead>
<tr>
<th></th>
<th>36.08 H</th>
<th></th>
<th>36.10 H</th>
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<tbody>
<tr>
<td></td>
<td>Rod Side</td>
<td>Piston Side</td>
<td>Rod Side</td>
</tr>
<tr>
<td>Output up to</td>
<td>80 m³/h</td>
<td>54 m³/h</td>
<td>142 m³/h</td>
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<tr>
<td>Concrete pressure up to</td>
<td>71 bar</td>
<td>106 bar</td>
<td>55 bar</td>
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<tr>
<td>Strokes / minute</td>
<td>30</td>
<td>20</td>
<td>40</td>
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<tr>
<td>Delivery Line Pressure</td>
<td>85 bar</td>
<td>85 bar</td>
<td>85 bar</td>
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<tr>
<td>Delivery Cylinder dia./ stroke</td>
<td>200/1400 mm</td>
<td>200/1400 mm</td>
<td>230/1400 mm</td>
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<tr>
<td>Connection*</td>
<td>Rod Side</td>
<td>Piston Side</td>
<td>Rod Side</td>
</tr>
<tr>
<td>Automatic Greasing System</td>
<td>✅ (Optional)</td>
<td>✅ (Optional)</td>
<td>✅ (Optional)</td>
</tr>
<tr>
<td>Boom Folding System (R / RZ / Z)</td>
<td>Z-Fold</td>
<td>Z-Fold</td>
<td>Z-Fold</td>
</tr>
<tr>
<td>Hydraulic Oil Tank Capacity (L)</td>
<td>225L</td>
<td>225L</td>
<td>225L</td>
</tr>
<tr>
<td>OSS Feature</td>
<td>x</td>
<td>x</td>
<td>✅ (Optional)</td>
</tr>
<tr>
<td>Radio Remote</td>
<td>x</td>
<td>x</td>
<td>✅ (Optional)</td>
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</table>

All values are theoretical.

*Factory Set

### Reach Diagram

![Reach Diagram Image]

### Boom

<p>| | |</p>
<table>
<thead>
<tr>
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<tbody>
<tr>
<td>Folding type</td>
<td>4 Section Z-Folding (Z)</td>
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<tr>
<td>Vertical reach</td>
<td>35.6m</td>
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<tr>
<td>Horizontal reach</td>
<td>31.4 m gross</td>
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<tr>
<td>Reach depth</td>
<td>max. 23.9 m</td>
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<tr>
<td>Unfolding height</td>
<td>8.5 m</td>
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<tr>
<td>Length end hose</td>
<td>4 m</td>
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<tr>
<td>Delivery lines</td>
<td>DN 125 max. 85 bar</td>
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<tr>
<td>Slewng range</td>
<td>365°</td>
</tr>
<tr>
<td>Support</td>
<td>front: Telescoping, Diagonally; rear: Swinging</td>
</tr>
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</table>
Putzmeister Concrete Solutions

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.

#PMKnows

Putzmeister Concrete Equipment Range

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