



Putzmeister



STAGE V
ready to work



The new BSA 1400 Series – Unlimited Possibilities

More power for every construction site

The BSA 1400 series – concrete professionals in the city and beyond

Details that make all the difference

We have equipped our BSA 1400 series with many sophisticated new features. Aside from being able to work in inner-city areas in a way that is fully compliant with standards, you will also enjoy the intuitive operation, innovative design, economy and many solutions for easy service and maintenance.



For machine operators

- Control area for all functions on the right-hand side in one place
- Clear colour display for machine data
- Intuitive and easy operation
- Cable and radio remote control
- Clean work thanks to folding splash guard on the hopper
- Overview over fuel and hydraulic fluid level, pump and drive motor status
- Larger fuel tank: approx. 66 % more capacity
- Oil level warning and safety shutdown
- Time savings thanks to reduced daily maintenance



For service personnel

- Improved access to machine components and service points
- Large service space for change of delivery piston
- Many globally standardised parts for the entire 1400 series
- Central maintenance points
- Three-part hinged doors for optimal access during service
- Split rear covers for easy removal during inspections



For owners

- STAGE V or STAGE IIIA
- New engines with more power
- Maximum availability and durability
- Carbide wear parts and long-life pistons
- Reduced costs thanks to lower fuel consumption and wear
- Time savings, for example thanks to reduced maintenance and service
- Machine Cockpit available
- Can be flexibly adapted to the customer and application thanks to numerous options

Why choose a stationary concrete pump from Putzmeister?

Because the individual components, such as the motor, piston pump with hydraulics, S transfer tube and the computer-aided Ergonic® 3 FFH control system, ensure perfect interaction, maximum pump output and maximum smoothness.

**ELECTRIC OR DIESEL
LONG-STROKE PISTON PUMPS
REMOTE CONTROL
CARBIDE WEAR PARTS
S TRANSFER TUBE**

**PUTZMEISTER
PERFORMANCE**



At home wherever power is needed

The BSA 1400 series is equipped with Deutz diesel engines up to 180 kW in STAGE V emission standard or with a powerful 110 kW electric motor. It is perfectly suited for use on high-rise construction sites, in tunnels or for precast concreting – wherever power and high reliability are required.



Powerful all-rounder – small dimensions, great possibilities

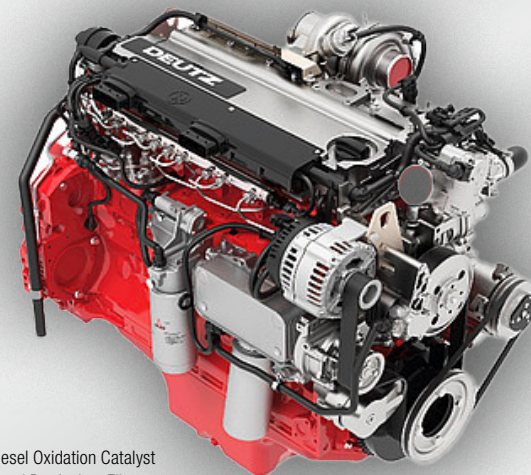


HMI / control system – robust, simple and up to date

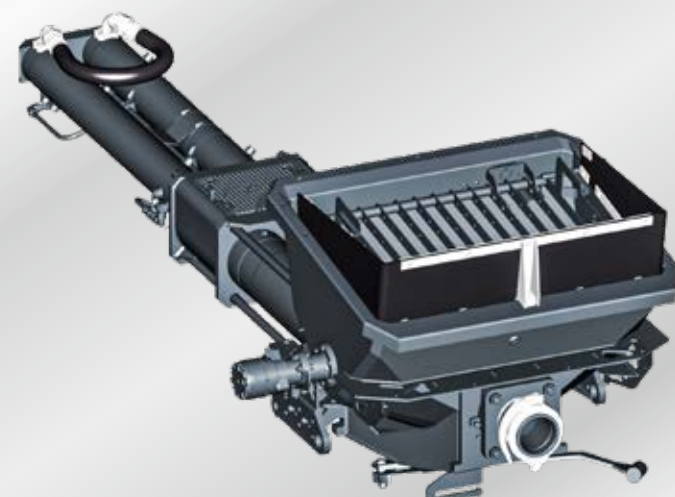
- Fully revised HMI for every user:
 - Direct access to basic operating functions
 - High-resolution 7" colour display for detailed display of operating conditions
- Perfect coordination of engine speed and output rate thanks to the EOC (Ergonic Output Control)
- Functional liquid level sensors for diesel and hydraulic oil with visual warning indicator for minimum fill level and machine shut-down when the hydraulic oil falls below the safety fill level

Diesel engines STAGE V / STAGE IIIA – quality „made in Germany“

- Optimum engine performance with minimal consumption and emission values thanks to the common rail injection system
 - TCD 6.1 L6 / 180 kW (STAGE V)
 - TCD 2012 L6 / 155 kW (STAGE IIIA)
- HVO (Hydrotreated vegetable oil) approved (STAGE V)
- DOC/DPF and SCR KAT / AdBlue (STAGE V)
- Low maintenance costs and maximum availability thanks to fewer oil change intervals and a maintenance-free valve train



DOC = Diesel Oxidation Catalyst
DPF = Diesel Particulate Filter
SCR = Selective Catalytic Reduction Catalyst using AdBlue

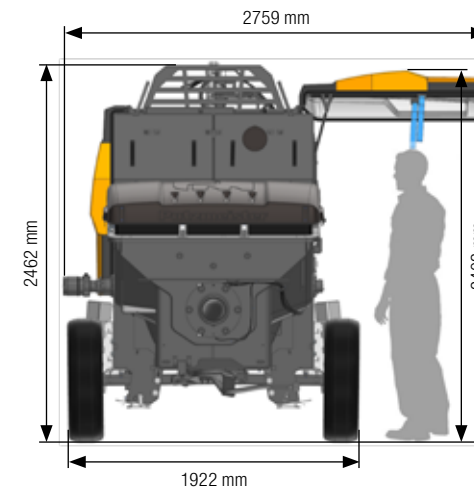


Extended model range for unlimited applications

- BSA 1408 H E
Designed for continuous operation in precast concrete plants with maximum reinforced core pump elements
- BSA 1409 HP D / D5
For greater height and concrete pressure requirements
- BSA 1413 D / D5
For higher output, e.g. bore pile filling work

The hood – extremely robust and user-friendly

- Langlebig durch extrem robustes Material
- Innenliegender Stahlrahmen
- Minimum width with open flaps, hinged doors as weather protection incl. rainwater drainage channel and split covers at the rear for optimal service access



Hydraulic system – lower consumption thanks to intelligent components

- Optimised amount of hydraulic oil through sophisticated control and new computer-aided tank design
- Automatic proportional hydraulic oil temperature control



Frame – reinforced for extreme conditions

- Galvanised brackets for maximum corrosion protection
- Support wheel with perfect manoeuvrability, support feet with flange for easy repair and replacement
- SK125* connection on the delivery line outlet for direct mounting of a standard delivery line

* not with HE and HP versions



More options



High pressure water pump with dry-running protection



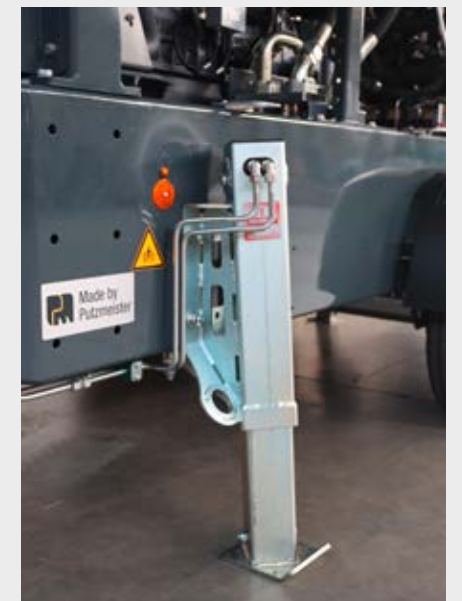
Side steps on hopper



Work area lighting



Lockable storage box



Hydraulic support legs

Technical data

You can rely on Putzmeister – service, spare parts, training

Type	BSA 1408 E	BSA 1408 H E	BSA 1409 D	BSA 1409 D5
Application	Tunnel	Pre-Cast / continuous operation	High-rise	High-rise
Output *	77 - 52 m³/h	77 - 52 m³/h	98 - 66 m³/h	98 - 66 m³/h
Pressure *	73 - 109 bar	73 - 109 bar	73 - 109 bar	73 - 109 bar
Motor	110 kW - IE4	110 kW - IE4	Deutz TCD2012L6 STAGE IIIA 155 kW	Deutz TCD6.1L06 STAGE V 180 kW
Delivery cylinder	1400 x 200 mm	1400 x 200 mm	1400 x 200 mm	1400 x 200 mm
Hopper/Capacity**	RS 909 / 600 l	RS 905 HPF / 600 l	RS 909 / 600 l	RS 909 / 600 l
S transfer tube	S 2015	S 2015	S 2015	S 2015
Diesel tank	–	–	approx. 200 l	approx. 200 l
Weight	approx. 5900 kg	approx. 7000 kg	approx. 5000 kg	approx. 5500 kg

Typ	BSA 1409 HP D	BSA 1409 HP D5	BSA 1413 D	BSA 1413 D5
Application	High-rise +	High-rise +	High output	High output
Output *	92 - 57 m³/h	92 - 57 m³/h	130 - 87 m³/h	130 - 87 m³/h
Pressure *	84 - 152 bar	84 - 152 bar	55 - 82 bar	55 - 82 bar
Motor	Deutz TCD2012L6 STAGE IIIA 155 kW	Deutz TCD6.1L06 STAGE V 180 kW	Deutz TCD2012L6 STAGE IIIA 155 kW	Deutz TCD6.1L06 STAGE V 180 kW
Delivery cylinder	1400 x 200 mm	1400 x 200 mm	1400 x 230 mm	1400 x 230 mm
Hopper/Capacity**	RS 905 HPF / 600 l	RS 905 HPF / 600 l	RS 909 / 600 l	RS 909 / 600 l
S transfer tube	S 2015	S 2015	S 2015	S 2015
Diesel tank	approx. 200 l	approx. 200 l	approx. 200 l	approx. 200 l
Weight	approx. 6100 kg	approx. 6500 kg	approx. 5100 kg	approx. 5500 kg

* Values for piston-side operation of the drive cylinders
** Hopper up to the rear edge (without rubber collar), incl. S-tube and one delivery cylinder
All data max. theoretical. Max. output and max. delivery pressures cannot be operated simultaneously.

Rapid assistance, target-oriented consultation and reliable provision of original Putzmeister accessories and parts – globally to more than 120 countries. At Putzmeister, this is what we understand by excellent service.

Designed to support you in the best way possible
State-of-the-art technology provides our employees with all the relevant technical information about your machine, whenever it is required, so that we can assist you efficiently in the event of an emergency, repairs or preventive maintenance.

Premium quality and customer proximity
If your machine is experiencing problems, you have two options: Either the service team can pay you a visit or you can bring your machine to one of our service workshops.

State-of-the-art equipment, software analysis tools and original parts will guarantee that your machine will be ready for use again in no time.
All Putzmeister workshops and our global partners operate in line with our high quality standards, which is especially important when conducting manufacturer inspections and acceptance tests.

Original parts for maximum availability
Needless to say, we only use Putzmeister original parts in our workshops because it is the only way we can guarantee continuous certified quality. You can rest assured that your machine will be able to meet tough site requirements at maximum power and availability.

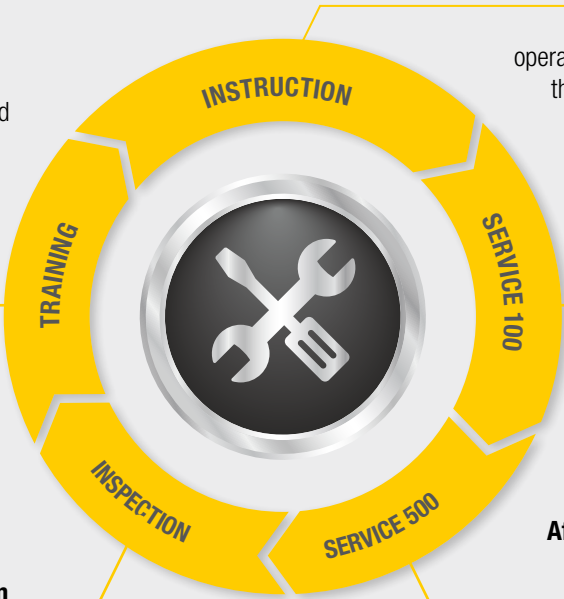


Our offers for economical working

Putzmeister service centres offer these services, among others. They are all carried out by our experienced service team.

Customer training – benefit from professional knowledge
Practical learning offers a host of benefits: Your employees will be able to master the machine and all of its special features, use it correctly, reduce operating costs and avoid operating errors.

Obligatory machine inspection – calculable costs instead of breakdown costs that spiral out of control
Visual inspection and function check of components for 100% safety. The hydraulic system with cylinders, electrical system and core pump are also inspected.



Instruction during product handover – getting things right from the start
Making sure that you and your machine operators become completely familiar with all the special features and new innovations.

After-sales service after 100 hours – avoid sources of error
This after-sales service provides you with a status report for your concrete pump in line with the Putzmeister service plan.

After-sales service after 500 hours – protecting your investment and retaining value
Our technical After Sales department is your first port of call for checking the safety and wear of your machine. You will also receive a status report after the check.

The new BSA 1400 series – individually adapted to your application

New equipment options:

- Carbide wear part set and long-life pistons – two to four times longer life limit
- Electric centralised lubrication system: The right lubrication volume at all times extends the life limit of the bearings on the switch cylinder, S transfer tube and agitator
- Folding spray guard with two catches and integrated hopper light
- Hinged swivel elbow
- LED working lights for more safety at work
- Fold-up hopper steps
- High-pressure water pump with dry-running protection against stubborn dirt
- Air compressor for on-site pipe cleaning
- Jump start connection
- Battery disconnect switch
- Second emergency stop button
- Bio hydraulic fluid package with bypass filter
- Gate valve connection
- Skid frame instead of chassis frame
- Hopper extension up to 3200 l
- Pump control system with fill-level sensors, incl. signal lights
- USB charging port on control cabinet, with universal smartphone bracket
- Horn
- Toolkit, replacement filter
- Storage box
- Remote service/Machine Cockpit for real-time data and remote maintenance



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