

# MOLI 2110 HP on Mack Chassis

The mobile pipeline concrete pump for high-pressure delivery

**Putzmeister**

## Advantages of the MOLI

- maximum profitability, as it can be used at several construction sites during the day
- extremely powerful pump power unit
- transports everything required for delivery
- simple operation and easy handling
- 880 l water tank and flushing water pump for cleaning on construction site
- requires space only during placing concrete; afterwards, the construction site is available for other work
- no time-consuming set-up, no crane required



Stationary concrete pumps cannot be used cost-efficiently for short pours. For jobs like these, the MOLI is a simply unbeatable solution, a real "toughie" with up to 106 m<sup>3</sup> delivery output and 220 bar concrete pressure can cope with any job that comes its way. The pump is quickly set up and is ready for operation in next to no time at all. And when the MOLI has finished the job, the site is available for other work.

The combination of an extensive range of equipment and accessories, plus maximum mobility allows the MOLI to be used on a variety of jobs thus making full use of its many capacities.

MOLI is optimally equipped to clean long delivery lines: a powerful compressor (option) and high-pressure flushing water pump (option) plus a 880 l water tank (standard).

Numerous other variations in equipment make the MOLI a match for any assignments required on site.



## EPS - Ergonic® Pump System

constantly monitors and regulates the operation of the concrete pump and the truck engine. Pump data, such as delivery pressure, delivery rate of the hydraulic pump, hydraulic pressure and many other signals, is actively and perfectly co-ordinated. This means maximum productivity and performance with minimum intervention from the operator.

The pump operator can display important information about the machine centrally on the EGD (Ergonic® Graphic Display) in the control cabinet. The individual parameters for the machine can be set here.

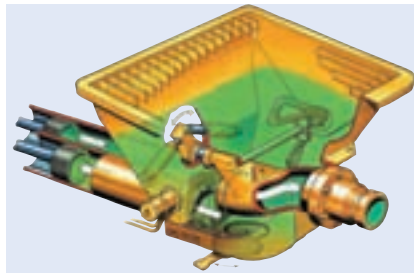
## Standard delivery scope

- S-transfer tube S2015 P9 HM
- Hopper RS905HPF
- DN150 (6") outlet
- Hard-chromed material cylinders
- Multi piece piston cups
- 2 x 36" x 24" x 24" toolbox
- CPC incl. engine s/s, output cable remote control
- Rear outrigger extend down, fully hydraulic
- Ergonic® Pump System (EPS)
- Plastic water tank (880 l)
- Voltage: 24 Volt
- Vibrator, electrically
- Rubber collar
- Flushing water pump 160 l/min (GRUNDFOSS)
- Putzmeister standard two colour paint



### Exclusive modular flatpack and Free Flow Hydraulics

Fully removable, Putzmeister's modular bolt-on flatpack and hydraulic system combine versatility and servicing convenience. The simple design allows for cost-effective, minimally labor intensive pump cell replacement upgrades, repairs or as part of a maintenance program. Smooth and efficient pumping are hallmarks of Putzmeister's free flow hydraulics. Performing to a higher standard at a lower cost than other pumps, this unique hydraulic system features a closed oil circuit that produces greater output with less energy consumption. The reduction of pressure peaks and surges means that a Putzmeister pump runs smoother, faster and more efficiently than competitive models.



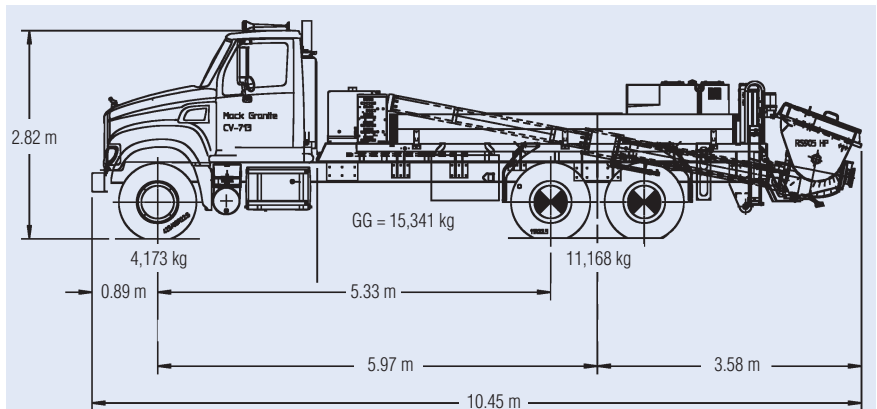
### The reliable S-transfer tube – a proven technology

Ideal for high-pressure applications, Putzmeister's S-transfer tube is capable of pumping harsh concrete mixes. Its 8" to 6" (200 to 150 mm) gradual reduction provides a smoother concrete flow, while the valve's "thick-walled" construction increases its life span and reduces operating costs.



### Large capacity concrete hopper – RS 905 HPF

The large capacity hopper has a 550 l capacity with a standard heavy-duty hydraulic remixer/agitator to gulp down the toughest mixes job after job.



#### Technical data pump

Pump type	BSF 2110 HP
Delivery output	106/69* m <sup>3</sup> /h
Concrete pressure	150/220* bar
Delivery cylinder-ø	200 mm
Delivery cylinder stroke	2100 mm
Oil volume	650 l/min

#### Technical data truck engine

Engine type	Mack AMI-370
	Direct injection diesel
Max. power	405 HP (318 kW)
	at 1700 - 1900 rpm
Max. torque	2006 Nm
	at 1300 rpm

\* rod side / piston side  
All data are max. theor. / Max. delivery outputs and max. delivery pressures cannot be operated simultaneously.

#### The Putzmeister Group

Concrete Technology PCT · Mortar Technology PMT  
Pipe Technology PPT · Water Technology PWT  
Industrial Technology PIT · Belt Technology PBT  
Underground Technology PUC

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