

# Technical data

Model	M 740 <sup>D</sup>	M 740 <sup>DB</sup>	M 740 <sup>DBS</sup>
Compressor	4.3 m³/ min	4.3 m³/ min	4.3 m³/ min
Drive motor	D 2011 L03 3-cylinder Deutz diesel-engine, 31.5 kW at 2,300 rpm (emission category III A)		
Delivery pressure	7 bar	7 bar	7 bar
Delivery distance/ height*	180 m/ 30 storeys	180 m/ 30 storeys	180 m/ 30 storeys
Delivery rate (theor.)	3.8 m³/ h	4.6 m³/ h	5 m³/ h
Weight (tank full)	1,564 kg	1,786 kg	1,872 kg
Filling height	820 mm	600 mm	600 mm
Maximum grain size	16 mm	16 mm	16 mm
Dimensions (L x W x H)	4,605 x 1,500 x 1,585 mm	4,800 x 1,500 x 1,585 mm	4,800 x 1,500 x 1,585 mm
Height (vertical loader)	–	2,483 mm	2,820 mm with scraper
Special feature	basic version	with skip	with skip and scraper
<b>Part no.</b>	<b>111 570.210</b>	<b>111 570.220</b>	<b>111 570.230</b>

\* Delivery distance and delivery height data are suggested empirical values and dependent on material and compressor performance

Model	M 760 <sup>DH</sup>	M 760 <sup>DHB</sup>	M 760 <sup>DHBS</sup>
Compressor	5.0 m³/ min	5.0 m³/ min	5.0 m³/ min
Drive motor	D 2011 L04 4-cylinder Deutz diesel-engine, 46 kW at 2,600 rpm (emission category III A)		
Delivery pressure	7 bar	7 bar	7 bar
Delivery distance/ height*	200 m/ 50 storeys	200 m/ 50 storeys	200 m/ 50 storeys
Delivery rate (theor.)	4 m³/ h	4.8 m³/ h	5 m³/ h
Weight (tank full)	1,600 kg	1,800 kg	1,880 kg
Filling height	820 mm	600 mm	600 mm
Maximum grain size	16 mm	16 mm	16 mm
Dimensions (L x W x H)	4,820 x 1,500 x 1,600 mm	4,820 x 1,500 x 1,600 mm	4,820 x 1,500 x 1,600 mm
Height (vertical loader)	–	2,480 mm	2,830 mm with scraper
Special feature	basic version	with skip	with skip and scraper
<b>Part no.</b>	<b>111 571.010</b>	<b>111 571.020</b>	<b>111 571.030</b>

\* Delivery distance and delivery height data are suggested empirical values and dependent on material and compressor performance

## Putzmeister Mörtelmaschinen GmbH

is a member of the Putzmeister Group with headquarter in Aichtal near Stuttgart.

Since 1958, Putzmeister has been a manufacturer and worldwide supplier of mortar machines, fine plaster spray and paint pumps, concrete pumps, tunnelling machines, industrial pumps, heavy-duty robotics for cleaning systems and installations, and high-pressure cleaning systems for professional use.

This powerful bond offers sales partners all over the world the ideal conditions with regard to competency, investment security and optimum service in all sectors.



## Your Putzmeister Partner

# Putzmeister

# Mixokret M 740 and M 760 floor screed conveyors



## M 740 and M 760

These powerful floor screed conveyors mark the top end of our successful Mixokret series.

They are easy to operate, equally easy to service and highly versatile.

Above all, the real all-rounders are known for their excellent reliability. What more could you ask for?

# Putzmeister

# M 740 and M 760 – the best Mixokret machines ever

2



More than 22,000 machines sold and countless satisfied customers around the world testify to the success story of the popular Mixokret floor screed conveyor.

For years now, the Mixokret M 740 and M 760 are setting the standards in all areas of compressed-air conveying.

With their clever design from the large to even the smallest details they are exceedingly practical, easy to operate and equally easy to service. For this the M 740 and M 760 are clearly the best Mixokret in the field.

## ■ Versatility

Just like every Mixokret machine, the M 740 and M 760 are also real all-rounders when it comes to handling materials. Nothing's changed there.

Screed, fine gravel, sand or fine concrete – the list is almost endless. All these materials can be conveyed by the Mixokret reliably and at any time.

■ **Screed** – the natural area of expertise of every Mixokret, regardless of whether it's cement screed or anhydrite screed.

The Mixokret has enough power that you can use it even on large construction sites without having to change its location.

But no matter the size of the construction site, the Mixokret is always quick to set up, immediately ready for use and, as a trailer, particularly mobile.

■ **Sand** – why should you lug sand around in buckets when you can easily pump it? The Mixokret conveys washed sand with a grain size of up to 8 mm (dry or earth-moist).

■ **Fine grain and gravel** – not a problem for a Mixokret with a normal grading curve structure. Free-flowing material can be pumped with a grain size of 4 to 8 mm and gravel with a grain size of 4 to 16 mm.

■ **Concrete** – from fine concrete to lean concrete and lightweight concrete. For simple mixing and conveying.

Wherever the use of a concrete pump is not worthwhile, the Mixokret is what you need.

## ■ Transport

The chassis of the M 740 and M 760 is particularly stable and safe and the drawbars can be lowered by up to 20 cm. This means that they are also suitable for lower passenger vehicle couplings.

The Mixokret is extremely mobile on the construction site, thanks to its light weight and high ground clearance. This makes for on-site manoeuvring of the machine.

It can also be easily lifted into almost any location by crane, thanks to the lifting eye. This has been securely integrated into the chassis. This saves space and is completely secure.

## ■ Simple operation

Everything you need to control your Mixokret is within sight and reach. The operating elements are in the usual position, under a robust protective flap.

The thoroughly designed flap offers optimal protection against dust and damage.

The large, robust switches are clearly arranged and easy to understand. The durable analogue controls constantly provide you with the most important information: fluid pressure, delivery pressure, system pressure, temperature and motor.

To start your Mixokret, first actuate the central switch under the hood. Then throw a toggle switch and start up your machine by pressing the start button. Next adjust the top and bottom air and switch on the delivery air. That's it!

3



The Mixokret conveys a wide variety of materials. Floor screed and sand with a grain size of up to 8 mm, ...

4



... sand and gravel of up to 16 mm grain size (e.g. for insulation filling with expanded clay).

5

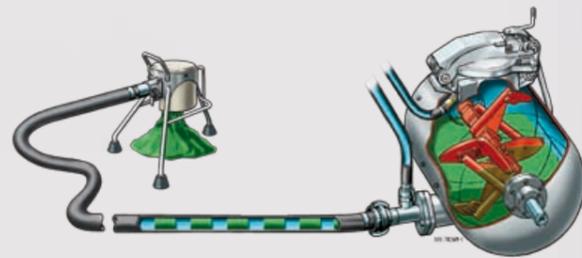


It even pumps concrete with a grain size of up to 20 mm over large distances without any problem.

3

# M 740 and M 760 – the easy way to lay floor screed

6



schematic diagram of the Mixokret pumping system



7

## ■ The plastic hood

The cleverly designed plastic hood makes the Mixokret not only looking dynamic and modern. Users around the world praise the light weight and durability of the hood.

To open the hood, you only need to press one button and it opens all by itself. Now you have access to all the important parts. This saves time and money during service operations.

## ■ The optimum air flow system

Another advantage of the attractive hood is its intelligent air flow system. Delivery air and cooling air are sucked in at the front of the draw-bar, where there is little dust. In the rear "dust zone", the warm exhaust air and diesel exhaust gases are blown away from the operator. This protects the interior and the compressor and engine are always provided with clean and cool air.

## ■ The diesel engine

The oil-cooled 3-cylinder diesel engine of the M 740 supplies 31.5 kW and is part of the largescale series. It is one of the most reliable engines of its kind. The M 760 actually has a 4-cylinder unit with a full 46 kW working under its hood.

This ensures that there is always enough power available. This much power also has another advantage. You will rarely take the M 760 to the limits of its capacity.

This prevents high wear and tear and saves fuel. The motor of the M 740 runs at a low speed of rotation, even in pumping mode. When idling, the motor automatically reduces its speed of rotation even further.

The engine is therefore considerably quieter and saves fuel. Moreover, it complies with the current COM III exhaust regulations.

## ■ The safety concept

The Mixokret is one of the safest construction machines available. For example, if you open the mixing vessel's protective safety grid during operation, the mixing apparatus stops automatically. And you can only start it up again once the grid has been closed.

So the Mixokret fulfills all the relevant safety regulations.

## ■ Easy servicing

The Mixokret name stood always for a particularly high level of service-friendliness.

This can be seen as soon as you look under the hood. Everything is well organised and easy to reach. Your service technician will thank you for it.

Another example is the high-quality and very smooth paintwork. Dust and dirt can hardly cling to the surface which makes the Mixokret easy to clean. However, in case of heavy soiling, we offer an integrated 140 bar high-pressure cleaner, which you can order with your machine, as an option. So the cleaning time after work becomes even shorter.

## ■ Skip and scraper

You can also order both models in a version that includes a hydraulic skip or a convenient skip / scraper unit.

The skip is moved by a powerful hydraulic ram, making your work considerably easier. You can already start shovelling in the sand for the next mix during the delivery process. This saves time and increases productivity.

And the remote-controlled scraper unit makes loading your Mixokret even faster!

7



The intelligent air flow system protects both man and machine. Air is sucked in at the front, dust-free, and blown out at the rear.

8



The control panel is organised and "tidy". A practical and robust flap provides protection from dirt.

9



The diesel engine is designed in "in-line-configuration" that makes for easy access.

5

# M 740 and M 760 – full of features that will make your work easier, safer and more profitable



10

11



12



13



## ■ Further details

In addition, many details ensure trouble-free operation.

For example, **the automatic central lubrication system** undertakes the maintenance of the mixer bearings. This reduces wear by 75%.

The **delivery air cut-out** prevents the hoses from running empty and reduces noise and fuel consumption.

**We have also extended our range of standard equipment.** All Mixokret models now are fitted with the lifting eye, the large tool box and an integrated working light as standard.

And while we were at it, we considerably increased the size of the tool box. With its 40 l capacity, it now has plenty of room for your accessories, tools, etc.

## ■ Optional accessories

Mortar hoses ID 50 (up to 8 mm grain size):  
 10 bar, length 10 m 213 450.007  
 10 bar, length 20 m 213 451.006

Mortar hoses ID 65, KK 70 (up to 16 mm grain size):  
 10 bar, length 10 m 456 831  
 10 bar, length 20 m 456 832

Sponge rubber ball ø 60 mm for delivery hose ID 50 000 212.005  
 Sponge rubber ball ø 80 mm for delivery hose ID 65 000 246.000

Discharge stand, tripod  
 Steel, ID 50 529 740  
 Steel, KK 70 529 741  
 Aluminium, ID 50 529 743  
 Aluminium, KK 70 529 744

Discharge stand, skid  
 Steel, ID 50 529 746  
 Steel, KK 70 529 747  
 Aluminium, ID 50 529 749  
 Aluminium, KK 70 529 750

## ■ Supplementary equipment

Hydraulically driven high-pressure cleaner installation kit, up to 140 bar operating pressure, 600 l/h, spray gun, 8 m high-pressure hose 484 438

Protection vessel including all WPs on request

Mixing time adjustment 5-30 sec. 495 393

Mix counter 489 515

Mechanical water metering 531 014

Individual painting – hood (RAL paint, no metallic-paint) on request

Special labelling, with logo and 1-colour text on request

Other labelling on request

Service package M 740, 500 h 493 689

Service package M 740, 1,000 h 504 208

Service package M 760, 500 h 502 366

Service package M 760, 1,000 h 504 207

Vehicle cable adapter 7 - 13 pin, 12 V 437 679

Vehicle cable adapter 13 - 7 pin, 12 V 248 012.009

Trailer lighting 24 V 503 616

Navigation and fleet management system 504 627

Exhaust system with particle filter 002 737.009

14



The mixing vessel vent is large, easy to operate and works reliably.

15



As an option, the Mixokret can also be equipped with a powerful high-pressure cleaner.

16



The Mixokret in the version with loader and scraper.

7