

Mixokret M 740 and M 760 floor screed conveyors

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M 740 and M 760

The successful floor screed conveyors of the Mixokret series have stepped up a level.

Even easier to operate and service, even more versatile and - in our opinion – even more attractive. What hasn't changed is the excellent reliability. What more could you ask for?

Putzmeister

MM 3909-5 GB

The new M 740 and M 760 – the best Mixokret machines ever

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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.

And now we are writing another chapter with the new Mixokret, which sets new standards in all areas of compressed-air conveying.

Having been improved in many small and large details, this new Mixo series, now is even more practical, easier to operate and easier to service.

Hard to believe and yet it is possible. The new Mixokret is the best ever.

■ Versatility

Just like every Mixokret machine, the new Mixokret is also a real allrounder 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

We have completely revised the chassis. It has been made even more stable and safe, and the new drawbars can now be lowered by up to 20 cm. This means that they are now 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 new 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 newly designed flap now offers even better protection against dust and damage.

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

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

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

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The new M 740 and M 760 – a new way to lay floor screed

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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.

In future, disengaging the mixer will require no more than the flick of a switch. This puts an end, once and for all, to the cumbersome pedal operation.

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!

■ The plastic hood

We have completely redesigned the hood. It makes the Mixokret look much more dynamic and modern.

We already had excellent experiences with plastic as the material for the hood on the new Mixokret's predecessor. Users around the world praised the light weight and durability of the hood.

To open the hood, you now need to press only 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 drawbar, 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 diesel engine 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 means it will always operate in the "green zone". 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. At the same time, it has an increased air output, compared to the previous model. 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 fulfils 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.

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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.

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

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

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



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■ Loader and scraper

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

The loader 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!

■ 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 NW 50
(up to 8 mm grain size):
10 bar, length 10 m
10 bar, length 20 m

213 450.007
213 451.006

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

456 831
456 832

Sponge rubber balls:
ø 60 mm
for delivery hose ID 50
ø 80 mm
for delivery hose ID 65

000 212.005
000 246.000

Discharge stand with rubber pot
and three legs, aluminium frame,
sturdy design:

ID 50/ PM couplings
ID 65/ PM couplings

468 007
468 005

Retrofit kit from ID 50 to ID 65:
Adapter
Retainer

458 785
468 001

Retrofit kit from ID 65 to ID 50:
Adapter
Retainer

458 784
468 002

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The position of the lid on the new mixing tank is now entirely up to you.

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

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The new Mixokret in the version with loader and scraper.

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Technical data

Model	M 740 ^D	M 740 ^{DB}	M 740 ^{DBS}
Compressor	4.3 m ³ / min	4.3 m ³ / min	4.3 m ³ / min
Drive motor	D 2011 L03 diesel, 31.5 kW at 2,300 rpm (exhaust gas level 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 m ³ / h	4.6 m ³ / h	5 m ³ / h
Weight empty	1,564 kg	1,786 kg	1,872 kg
Loading height	820 mm	600 mm	600 mm
Maximum particle size	16 mm	16 mm	16 mm
Dimensions (L x W x H)	4,545 x 1,500 x 1,585 mm	4,760 x 1,500 x 1,585 mm	4,760 x 1,500 x 1,585 mm
Height (vertical loader)	–	2,483 mm	2,483 mm
Special feature	basic version	with loader	with loader and scraper
Part no.	111 570.110	111 570.120	111 570.130

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

Model	M 760 ^{DH}	M 760 ^{DHB}	M 760 ^{DHBS}
Compressor	5.0 m ³ / min	5.0 m ³ / min	5.0 m ³ / min
Drive motor	D 2011 L04 diesel, 46 kW at 2,600 Upm (exhaust gas level 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 m ³ / h	4.8 m ³ / h	5 m ³ / h
Weight empty	1,600 kg	1,800 kg	1,880 kg
Loading height	820 mm	600 mm	600 mm
Maximum particle size	16 mm	16 mm	16 mm
Dimensions (L x W x H)	4,635 x 1,460 x 1,585 mm	4,780 x 1,500 x 1,585 mm	4,780 x 1,500 x 1,585 mm
Height (vertical loader)	–	2,483 mm	2,483 mm
Special feature	basic version	with loader	with loader and scraper
Part no.	111 571.010	111 571.020	111 571.030

*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.

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