



# **MORTAR PROJECTION + PLASTER MACHINES** **ALL MODELS**

**INNOVATIVE - QUALIFIED - TRUSTED**

**SCREED • PLASTER • GROUT • CONCRETE • SHOTCRETE • PLANT  
BLASTING • ROADHEADER • ATEX**

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TEKKÖK is a registered trademark

**TEKKÖK®**

## READY-MIX PLASTER MACHINE

The building constructions are getting larger and higher worldwide. Ready-mix plaster machines - screw-type mixer-pumps - are becoming more popular everyday. It is more profitable and efficient to use a plaster machine than plastering by hand at any construction. As a brand name **TEKKÖK®** means innovation, quality and trust.

## FULL AUTOMATIC WITH LOADER

The loader feeds the mixer with the powder material with a constant rate. It preserves the feeding ratio. It prevents to add less or more powder into the mixer. The mixture is made as homogenous. It prevents choking up and saves the rotor-stator lifetime.

## MIXER - PUMP:

### POPULAR TECHNOLOGY

### QUICK - PRACTICAL - EFFICIENT

It is one of the most popular mixer-pumps to mix, pump and spray ready-mix mortar and plaster. Its design is very user friendly as well as esthetic. It is the choice of the professionals to apply the plaster practically and smoothly with ready-mix materials. It is mostly placed at the storey where the application is being done. The plaster ingredients are mixed with water in the mixer-pump. The mixture is pumped through the hose and sprayed onto the surface. Its wheels are robust and durable. It is easy to move it on the construction grounds. It is designed in right size to pass through the doors at buildings. It is practical to carry it to a different storey. It is easy and practical to dismantle the whole unit in 4 parts.

## FIELDS of APPLICATION:

For all types of pumpable ready-mix dry mortar and plaster such as:

- Gypsum plaster
- Lime-gypsum plaster
- Exterior rendering plaster
- Cement render
- Lime plaster
- Cement-lime plaster
- Masonry mortar
- Insulating plaster
- Reinforcing mortar
- Injection mortar
- Bonding mortar
- Slot mortar
- Self-levelling floor screed
- ... and many more.

## EQUIPMENT:

- Pump unit Turbo Power
- 15m Ø25mm 40bar mortar hose w/couplings
- 16m Ø10mm air hose w/GEKA-couplings
- 5m 1" water hose w/filter and check valve
- Control box w/phase sequence relay, +digital voltmeter option
- 60cm Ø25mm spraying gun w/14mm nozzle
- 7.5m 5x4mm 32A power cable
- Oil-less air compressor; HANDY 2K w/pressure switch
- 1HP centrifugal water pump
- 150-1,500lt/h water flow meter
- Mixing shaft
- Cleaning shaft complete
- Rotor dismantlement bench
- Ø30mm cleaning sponge ball
- Round file
- Shifting spanner
- 6/125 screw driver

# TEKKÖK® READY-MIX PLASTER MACHINE Mixer-Pump

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**MADE IN Turkey**  
Discover the potential

**ROBUST & DURABLE MOTORS**

**0-4 mm SUPPORT LONGER LIFETIME**

**FLAWLESS & POWERFUL AIR FLOW**

**150 LITRES LARGE MIXER**

**SHORT MIXER LEVEL**

**TOP QUALITY ELECTRIC PANEL**

**DURABLE CASTER WHEELS EASIER MOVE**



## GENERAL FEATURES

It is a full automatic plaster machine to apply ready-mix mortar and plaster. It automatically gets the powder material and water, mixes them, pumps and sprays the mixture.

The powder material is delivered into the mixer automatically with a constant rate. It prevents the dry powder to get into the screw pump and tremendously saves the life of the rotor-stator.

All the motors and pumping stop if the mixer is not fed by water. This is another crucial protection to save the life of the rotor-stator by preventing it to pump the dry powder alone.

Operator is able to start and stop spraying plaster pneumatically by the valve on the spraying gun. The motors are powerful enough to keep working most efficiently during start and stops. Neither the pump nor the hose gets choked up when the pumping is stopped and re-started.

A combination of long lasting components and effective mixing system dramatically increases the service life of the screw pump in comparison with many other products.

Together with a clear layout of controls, ease of breaking down into 4 sub-assemblies, fitting of crane lugs and large wheels all make the our ready-mix plaster machine easy to use and to handle.

## TECHNICAL SPECIFICATIONS

Model	PM-20	PM-20DG
Trigger	Electric, 380 V / 50 Hz, 32/16 A	+Digital box
Pump motor	5.5 kW	
Loader motor	0.55 kW	
Compressor	0.9 kW, 250 lt/min, 6 bar maximum	
Water pump	0.55 kw, Automatic, 2.5 bar minimum, 3/4" connection	
Output rate *	22 lt/min	
With different rotor-stator	6 - 60 lt/min	
Working pressure **	30 bar	
Delivery Distance **	50 m → / 30 m ↑↓	
Max. grain size supported ***	0 - 4 mm	
Mixer volume	150 lt	
Mixer filling height	940 mm	
Remote control	Pneumatic by the air valve on the spray gun	
Emergency stop	Available	
Wheel	4 x Caster wheel (one with swivel brake)	
Dimensions (WxLxH)	800 x 1200 x 1600 mm	
Weight	325 kg	330 kg

\* D6-3 rotor-stator is used for the values above.

\*\* It may vary due to the type of the rotor-stator, content and quality of the mixture, grain size and water ratio.

\*\*\* Delivery hose with 25 mm (1") inner diameter is used for the values above.

**TEKKÖK®**

## READY-MIX PLASTER MACHINE

The building constructions are getting larger and higher worldwide. Ready-mix plaster machines - screw-type mixer-pumps - are becoming more popular everyday. It is more profitable and efficient to use a plaster machine than plastering by hand at any construction. As a brand name **TEKKÖK®** means innovation, quality and trust.

## SEMI AUTOMATIC COMPACT

Unlike the larger models, this compact model does not have a loader to feed the mixer with the dry materials in doses. The user puts the powder into the mixer manually. Then, the machine gets the water and mixes the ingredients automatically.

### MIXER - PUMP:

#### POPULAR TECHNOLOGY

#### QUICK - PRACTICAL - EFFICIENT

It is one of the most compact mixer-pumps to apply dry ready-mix plaster materials. Its design is compact and light weight as well as dismountable in 4 parts. It is easy to dismount the whole unit in parts, to carry it to a different storey or to transport it by a small size vehicle. As it is already designed in compact size, it is easy to pass it through the doors at buildings. It is easy to move it on the construction grounds. It is placed at the storey. The plaster ingredients are mixed with water in the mixer-pump. The mixture is pumped through the hose and sprayed onto the surface. This model is mostly recommended for small size construction projects or individual use.

## TEKKÖK® READY-MIX PLASTER MACHINE Mixer-Pump

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the potential

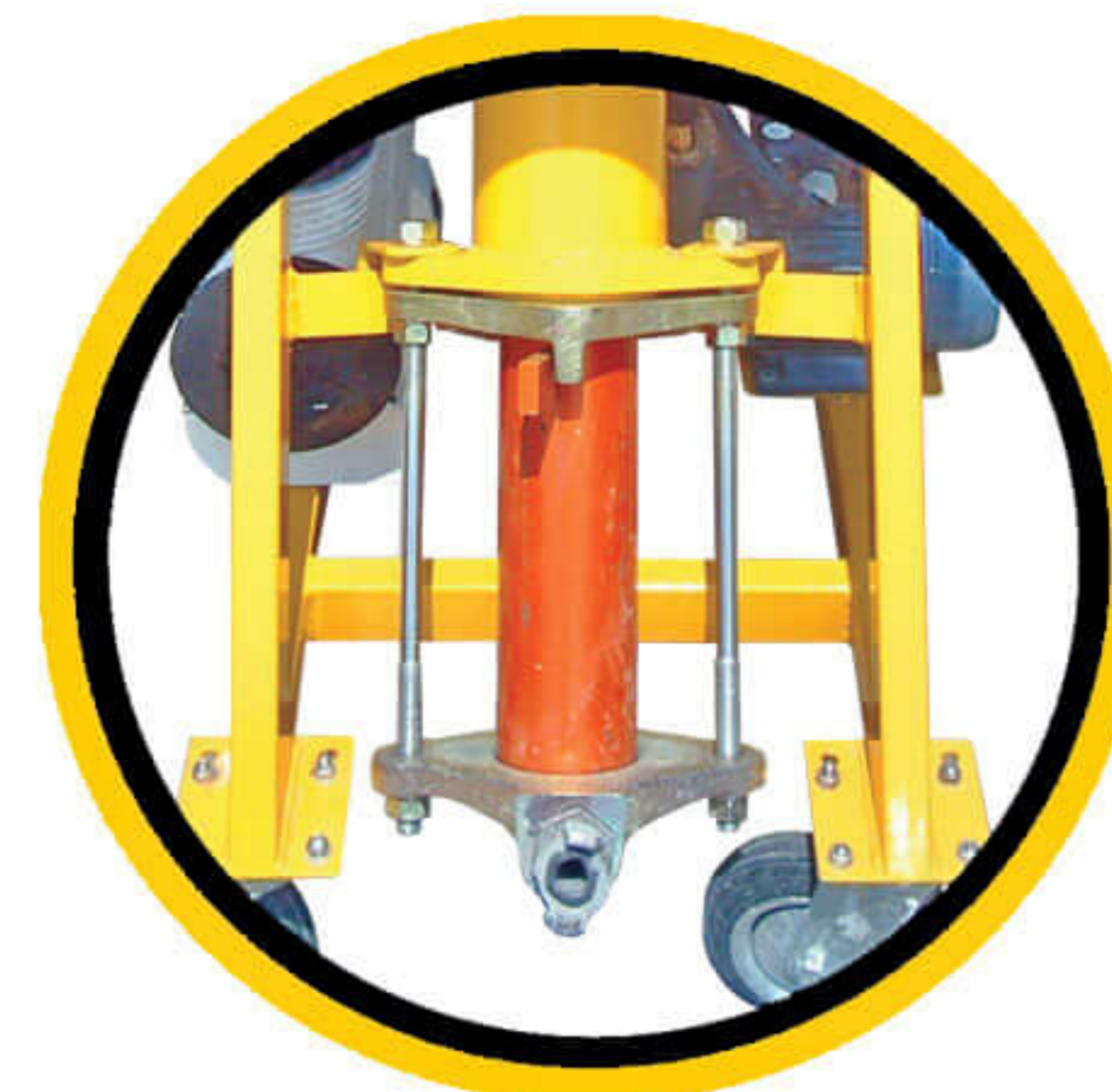
**FLAWLESS  
&  
POWERFUL  
AIR FLOW**

**0-3 mm  
SUPPORT  
LONGER  
LIFETIME**

**ROBUST  
&  
DURABLE  
MOTORS**

**TOP  
QUALITY  
ELECTRIC  
PANEL**

**EASY  
TRANSPORT**



## GENERAL FEATURES

It is the compact model to apply ready-mix plaster. It is robustly mounted with a compact and light-weight design. It is easy to carry and transport. It is dismountable in 4 parts.

It automatically gets the powder and water, mixes them, pumps and sprays the mixture. All the motors stops if the water stops to feed the mixer. This is a protection for the life time of the rotor-stator as well as for working non-stop without chocking.

Operator is able to start and stop spraying plaster by the valve on the spraying gun. The motors are powerful enough to keep working most efficiently. It does not choke up the pump or hose when the operation is stopped and re-started.

It is fine to use it with all types of ready-mix rendering materials such as gypsum, lime, cement and any other material which is similarly fine with machine application.

## TECHNICAL SPECIFICATIONS

<b>Model</b>	<b>PMJ-20</b>
<b>Trigger</b>	Electrical, 380 V, 50 Hz
<b>Pump motor</b>	5.5 kw
<b>Compressor</b>	250 lt/min @ 6 bar maximum
<b>Water pump</b>	0.55 kw, Automatic, 2.5 bar minimum
<b>Output rate *</b>	22 lt/min
<b>With different rotor-stator</b>	6-35 lt/min
<b>Working pressure **</b>	30 bar
<b>Delivery Distance **</b>	50 m
<b>Max. grain size supported ***</b>	0-3 mm
<b>Mixer volume</b>	70 lt
<b>Mixer filling height</b>	1250 mm
<b>Remote control</b>	Air valve on the spray gun
<b>Emergency stop</b>	Available
<b>Wheel</b>	4 x Caster wheel (one with swivel brake)
<b>Dimensions (WxLxH)</b>	800 x 1100 x 1400 mm
<b>Weight</b>	135 kg

\* The rotor-stator is considered as D6-3 for this rate.

\*\* It may vary due to the type of the rotor-stator, content and quality of the mixture, grain size and water ratio.

\*\*\* The inner diameter of the delivery hose is 25 mm (1").

**TEKKÖK®**

## READY-MIX PLASTER MACHINE

The building constructions are getting larger and higher worldwide. Ready-mix plaster machines - screw-type mixer-pumps - are becoming more popular everyday. It is more profitable and efficient to use a plaster machine than plastering by hand at any construction. As a brand name **TEKKÖK®** means innovation, quality and trust.

## FULL AUTOMATIC WITH MIXER

The user feeds the hopper with dry materials while the mixer gets them in doses. It prevents to add less or more materials to the mixer. It mixes them with a stable ratio. The mixture becomes homogenous. It saves the rotor-stator lifetime and prevents chokings.

## CONTINUOUS MIXER and PUMP: POPULAR TECHNOLOGY

### QUICK - PRACTICAL - EFFICIENT

It is the unique integration of a continuous mixer with a screw pump for mixing, pumping and spraying ready-mix plaster materials. It can mix and pump all kinds of ready-mix materials even the ones with sand with the appropriate grain size - which will not block the rubber hose with 25 mm inner diameter. The continuous mixer is designed to make homogenous mixture. It saves the pump and hose from getting choked up by the poorly mixed plaster. It is powerful enough to continue pumping during the stop and re-starts. The machine applies the plaster smoothly to the surface. The plaster does not fall off the surface through the flawless and powerful air flow of the built-in air compressor.

# TEKKÖK® READY-MIX PLASTER MACHINE Mixer and Pump

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**150 LITRES  
L A R G E  
M I X E R**

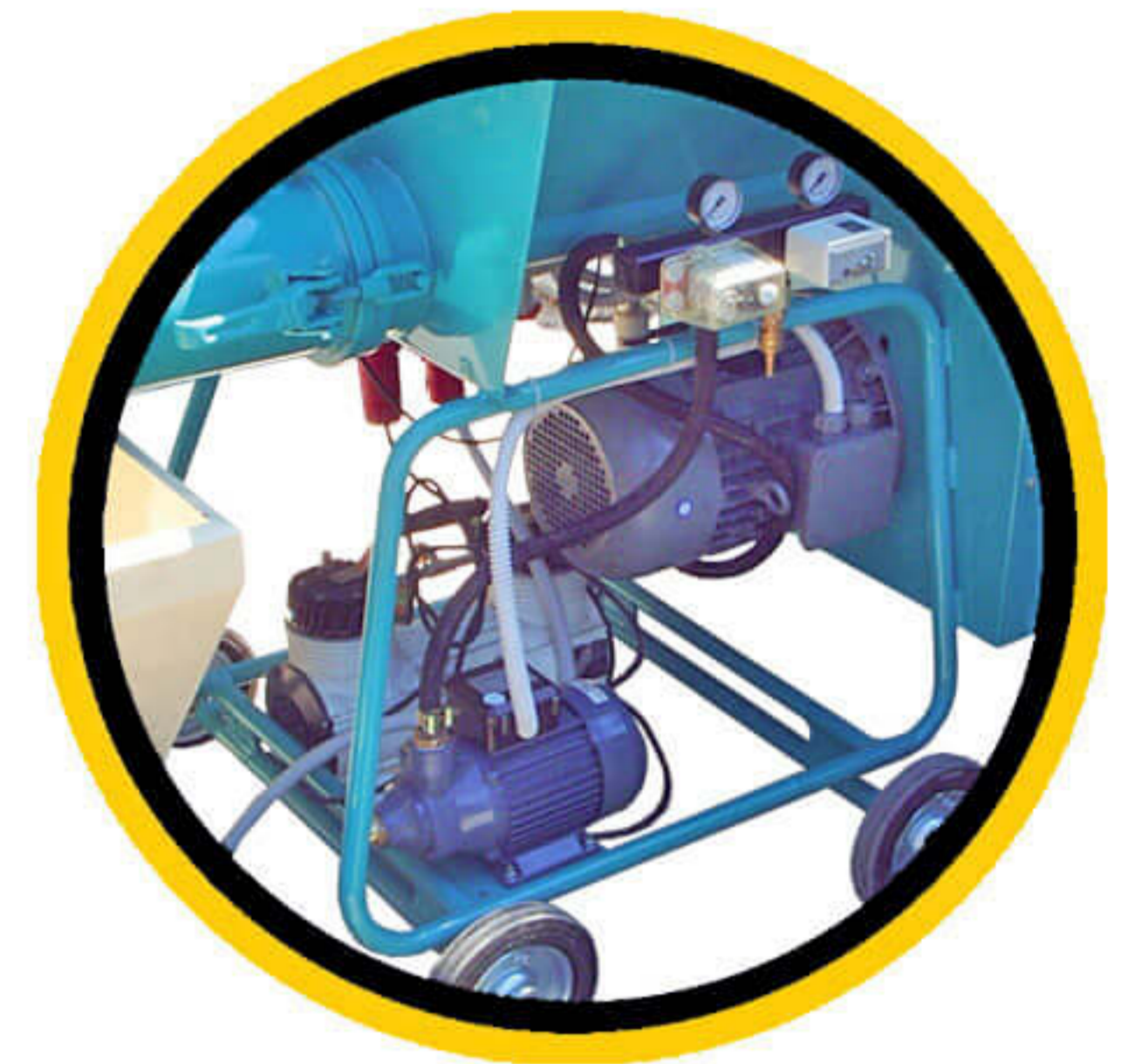
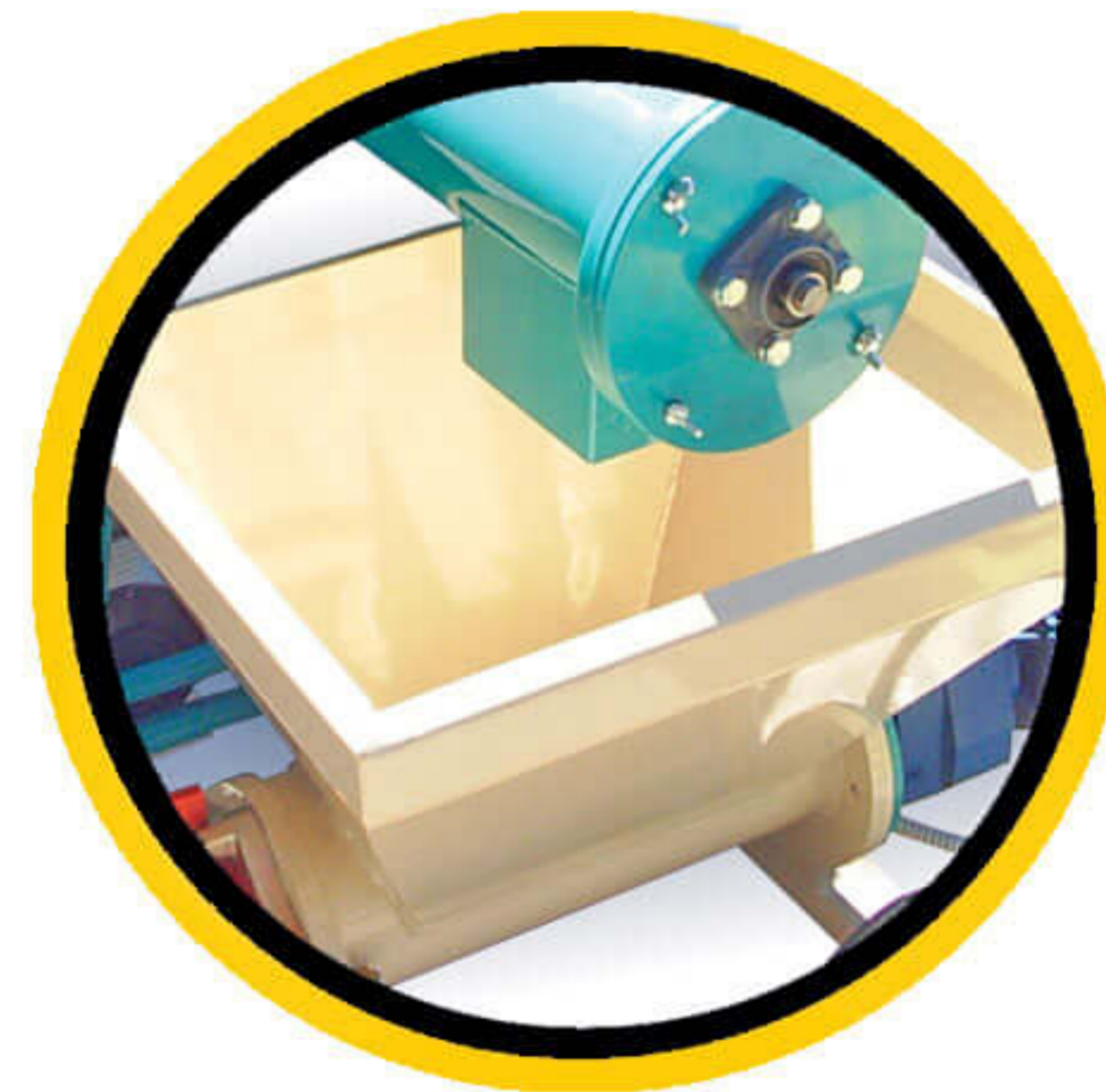
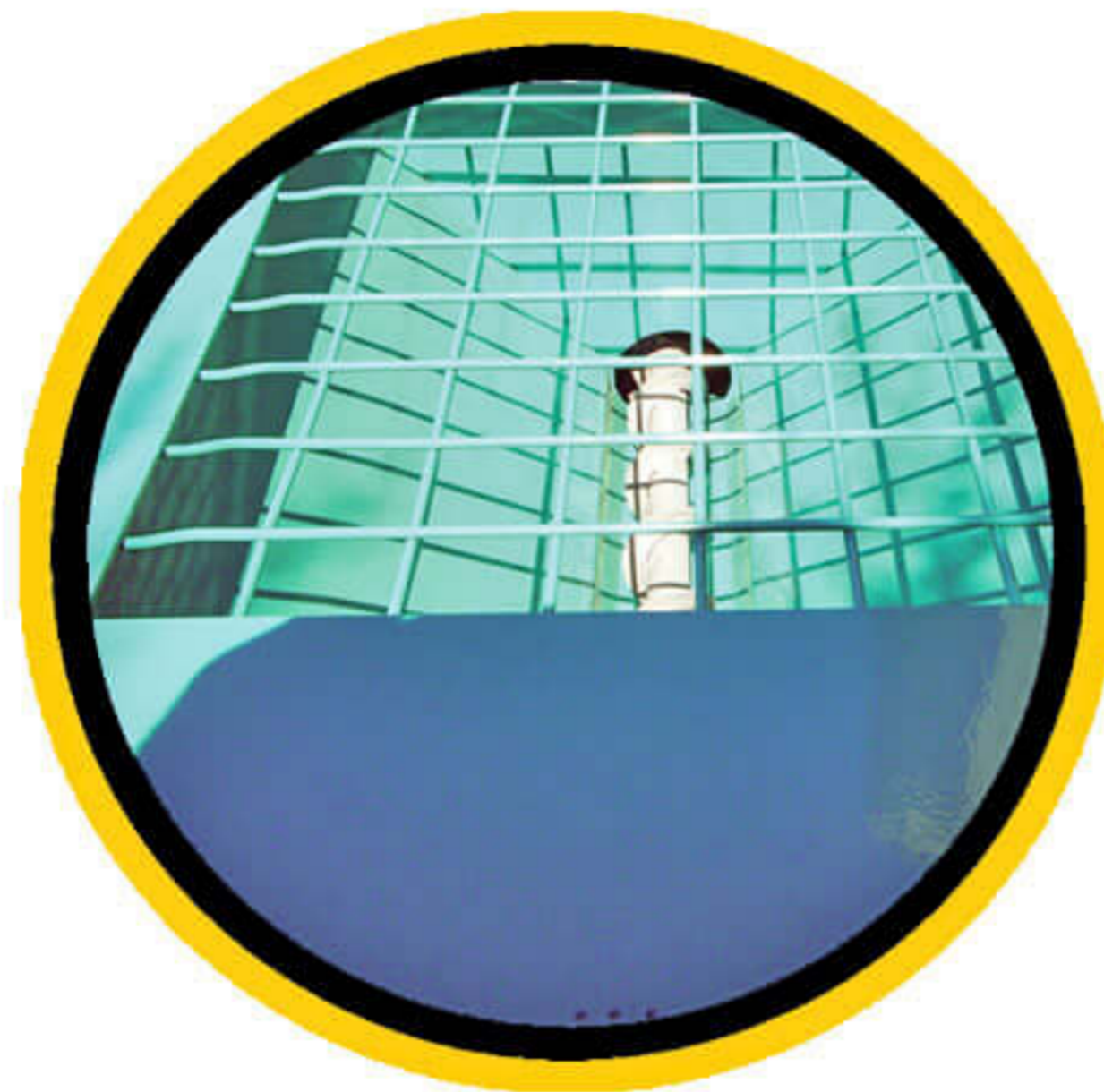
**ROBUST  
&  
DURABLE  
MOTORS**

**0-4 mm  
SUPPORT  
LONGER  
LIFETIME**

**FLAWLESS  
&  
POWERFUL  
AIR FLOW**

**TOP  
QUALITY  
ELECTRIC  
P A N E L**

**DURABLE  
CASTER  
WHEELS  
EASIER  
M O V E**



## GENERAL FEATURES

It is one of the most successful plaster machines in our product range. It is designed with two separate units; Continuous mixer and screw pump. These two units work in perfect harmony for the effective and user-friendly operation. It is ideal to apply pre-mixed or ready-mix plaster and mortar with with grain size up to 4 mm. The continuous mixer is able to make homogenous mixture even with the challenging ingredients such as sand. The pumping is more smooth and stable as a result. The ingredients are automatically mixed with water in the continuous mixer and delivered to the pump. The mixture is pumped through the hose, and sprayed onto the surface.

It is ideal for mixing, conveying and spraying all kinds of pre-mixed or ready-mix plaster and mortar; internal plasters (gypsum/gypsum-lime plaster), external render (lime/cement-lime, cement/lime-sand and insulating plasters) and dry premixed interior and exterior rendering with the appropriate mix design.

## TECHNICAL SPECIFICATIONS

<b>Model</b>	<b>PMC-20</b>
<b>Trigger</b>	Electrical, 380 V, 50 Hz
<b>Pump motor</b>	5.5 kw
<b>Mixer motor</b>	2.2 kw
<b>Compressor</b>	250 lt/min @ 6 bar maximum
<b>Water pump</b>	0.55 kw, Automatic, 2.5 bar minimum
<b>Output rate *</b>	22 lt/min
<b>With different rotor-stator</b>	6-35 lt/min
<b>Working pressure **</b>	30 bar
<b>Delivery Distance **</b>	50 m
<b>Max. grain size supported ***</b>	0-4 mm
<b>Mixer volume</b>	100 lt
<b>Mixer filling height</b>	1100 mm
<b>Remote control</b>	Air valve on the spray gun
<b>Emergency stop</b>	Available
<b>Wheel</b>	4 x Caster wheel (one with swivel brake)
<b>Dimensions (WxLxH)</b>	800 x 1200 x 1600 mm
<b>Weight</b>	325 kg

\* The rotor-stator is considered as D6-3 for this rate. It may increase or decrease with other rotor-stator.

\*\* It may vary due to the type of the rotor-stator, ingredients and quality of the mixture, grain size and water ratio.

\*\*\* The inner diameter of the delivery hose is considered as 25 mm (1").



**TEKKÖK®****MORTAR PROJECTION MACHINE**

Our screw-type mortar projection machines are used for spraying ready-mix as well as site-mix mixture. Technological advancement of our era empowers the design of our machines as a conclusive solution for mixing, pumping and spraying mortar at construction sites. As a brand name **TEKKÖK®** means innovation, quality and trust.

**LARGE & IMPROVED MIXER:**

212 lt mixer is one of the largest ones in the world. It is always better to operate with larger amount of mortar. It saves from laborship to mix more at once. Besides, the interior design is improved to mix better and prevents chocking because of aggregation.

**CONTINUOUS MIXER and PUMP:  
IMPROVED TECHNOLOGY****UNIQUE - POWERFUL - EFFICIENT**

It is the unique integration of a continuous mixer with a screw pump for mixing, pumping and spraying mortar. It can mix and pump all kinds of sand and similar materials with the appropriate mix design - which will not choke up the hose with 35 mm inner diameter. It is powerful enough to maintain working during the stop and re-starts which does not block the pump even at longer or higher distances. The continuous mixer is designed to make homogenous mixture. It saves the pump and hose from getting choked up by the poorly mixed mortar. The machine projects the mortar smoothly to the surface. The plaster does not fall off the surface thanks to the flawless and powerful air flow of the built-in air compressor.

**TEKKÖK® MORTAR PROJECTION MACHINE** Screw-Type  
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**MIXER  
SAFETY  
SENSOR**

**SHORTER  
MIXER  
LEVEL**

**LARGER  
MIXER**

**OPTIONAL  
HYDRAULIC  
LIFTING**

**0-5 mm  
SUPPORT  
LONGER  
LIFETIME**

**EASIER  
MOVE  
SUPPORT  
WHEEL**

**GENERAL FEATURES**

It is a unique mortar projection machine to mix, pump and spray site-mix as well as ready-mix mortar. It is designed to apply both internal and external rendering mortar with both site-mix and ready-mix (except gypsum, please see our plaster machine for spraying gypsum-based materials). This machine modernizes the old and traditional methods of coating with mortar in a way which is more practical, cost effective and useful. It is possible to finish coating 171 m<sup>2</sup> per hour with 2 cm thickness with this machine, and even more with less thickness.

It is offered with the several technical additions with crucial advantages. It has a larger mixer with 212 lt volume. Its mixer is easy to fill with the materials thanks to the lower filling height 110 cm. It is ideal to project site-mix mortar (ex. cement-sand) or dry pre-mixed / ready-mix interior and exterior rendering (except gypsum-based ones), colored mortar and limestone mortar. It is also possible to use it for delivering liquid screed, filling cracks and grouting.

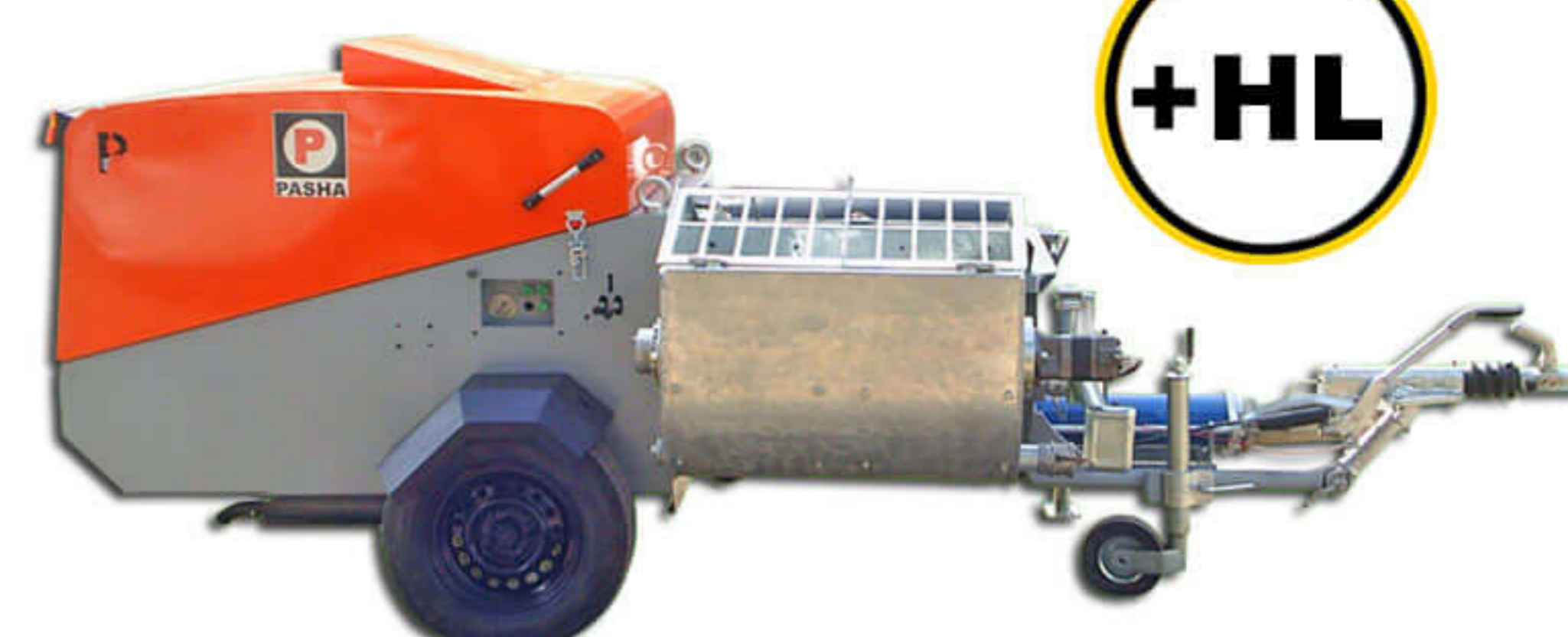
**TECHNICAL SPECIFICATIONS**

Model	PME-40	PME-40 MAX	PMD-40 MAX	+HL
Trigger	Electric, 380 V, 50 Hz		Diesel	
Total power	12 kW		40 HP	
Air compressor	430 lt/min @ 5.5 bar			
System *	Mechanic		Hydraulic	
Delivery rate	35 lt/min	0-58 lt/min	0-58 lt/min	
Delivery distance **	100 m → / 60 m ↑↓			
Grain size support ***	0 - 5 mm			
İdeal grain size ***	0 - 3 mm			
Mixer hopper volume	180 lt			
Mixer filling height *	1250 mm			700 mm
Trailer	2 wheels 13" + 1 support wheel + Hitch connection			
Dimensions (WxLxH)	1450 x 3300 x 1420 mm (Diesel L: 3700 mm)			
Weight	730 kg		910 kg	930 kg
Optional features	Water pump, grid safety sensor, remote control			

\* The mixer is mechanic. The hydraulic lifting for the mixer is only available for diesel models and optional.

\*\* It depends on rotor-stator type, mixture ingredients and quality, grain size and slump.

\*\*\* The interior diameter of the hose is considered 35 mm in use with 2L6+++.





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