



GROUT PUMPS

SCREW PUMPS

INNOVATIVE - QUALIFIED - TRUSTED

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

www.tekkok.com.tr

TEKKÖK is a registered trademark

TEKKÖK®**GROUT PUMP WITH MIXER-PUMP**

Grout pumps with mixer-pumps have always been the most popular ones for small and medium scale grout jobs. A mixer-pump is very practical with its own way of mixing and pumping. It mixes ingredients with water supplied by its water pump and keeps pumping as long as there is supply of water. As a brand name **TEKKÖK®** means innovation, quality and trust.

AUTOMATIC WITH LOADER

It has its loader which feeds the mixer-pump with ingredients at a constant rate and flow. The loader preserves the feeding and mixing ratio. By preventing the over flow of dry ingredients into the mixer-pump, it saves the efficient use time of the rotor-stator.

MIXER - PUMP:**POPULAR TECHNOLOGY****QUICK - PRACTICAL - EFFICIENT**

It is one of the most popular mixer-pumps to mix, pump and inject ready-mix grout. Its design is very user-friendly as well as visually nice looking. It is the common choice for small and medium scale grout jobs. It is very practical as a mixer-pump. It is mostly placed very close to where the grout is to be injected. The ready-mix ingredients are mixed with water in its mixer-pump. The grout mix is pumped through the hose and injected into the grout hole. It is easy to move at construction grounds. It is designed in right size to pass through building doors or compact enough to move easily underground. It is practical to carry it to a different place. It is easy to dismantle the whole machine in 4 parts.

FIELDS of APPLICATION:

For all types of pumpable ready-mix dry grout ingredients such as:

- Quick-freezing ready-mix grout
- Regular ready-mix grout
- Cement grout
- Lime grout
- Cement-lime grout
- Masonry grout
- Insulating grout
- Reinforcing mortar
- Slope and stabilization grout
- 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
- 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
- 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

... and optionals due to demand.

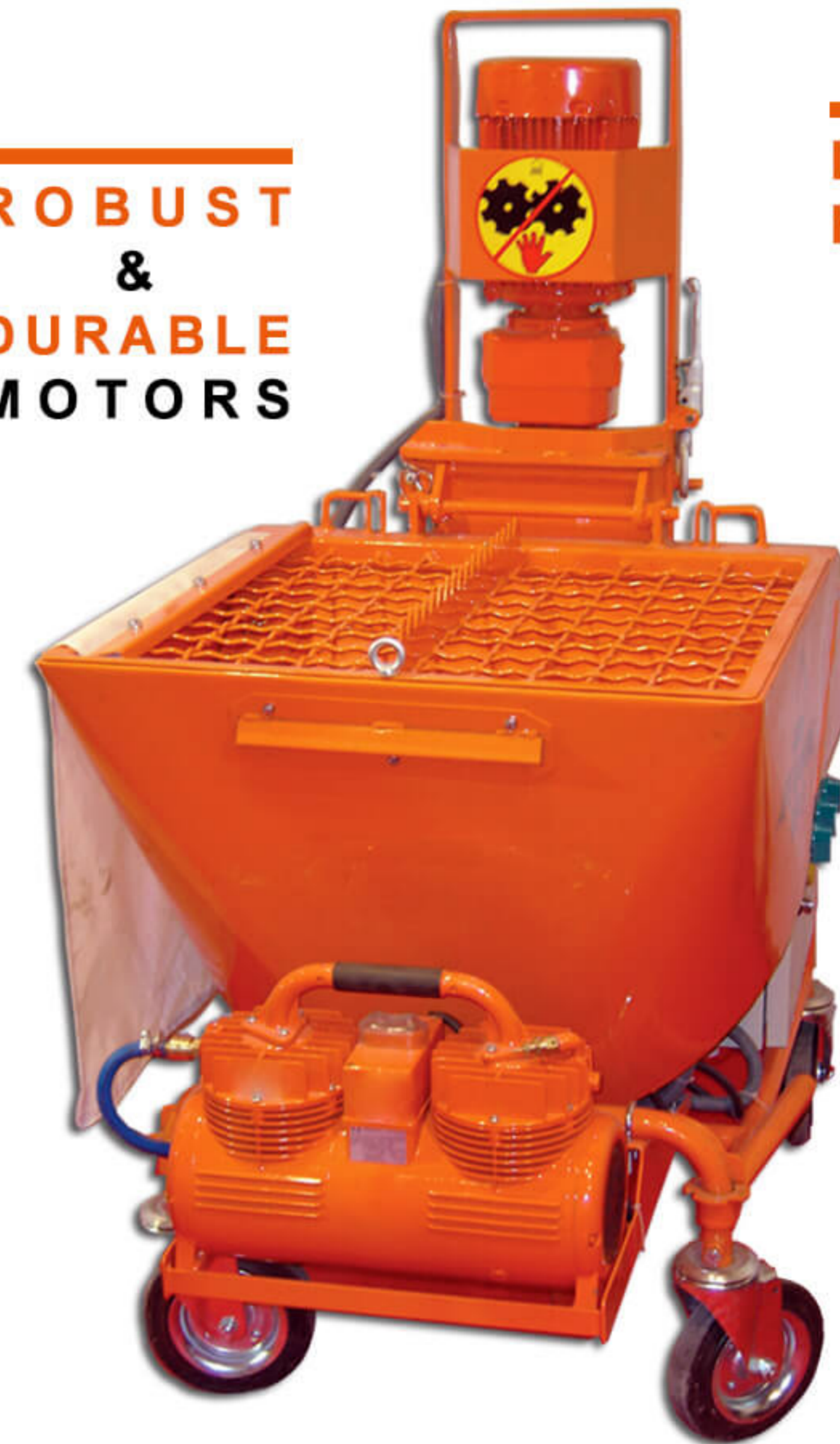
TEKKÖK® GROUT PUMP WITH MIXER-PUMP Screw Pump
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MADE IN Turkey
Discover the potential



TOP QUALITY ELECTRONIC COMPONENTS

ROBUST & DURABLE MOTORS



DURABLE CASTER WHEELS EASIER MOVE

LARGE HOPPER

SHORT FILLING LEVEL

HIGH FLOW D7-2.5 ROTOR STATOR

FLAWLESS GROUT FLOW

GENERAL FEATURES

It is a automatic grout pump with mixer-pump to mix and pump ready-mix grout ingredients. It automatically gets the powder materials and water, mixes, pumps and injects them into the hole.

The dry grout ingredients is delivered into the mixer-pump automatically with its self-loader at a constant rate and flow. It prevents the dry ingredients to get into the screw-pump and saves the efficient used time of the rotor-stator. It is the closest one to a grout pump with a continuous mixer. All the motors and pumping stop if the mixer-pump is not fed by water. This is a self protection mechanism to save the screw-pump from dry ingredients.

Operator can start/stop grouting with the button on the control box or with the optional frequency remote control. The mixer-pump motor is powerful enough to keep working after start/stops.

A combination of long lasting components with the effective mixing system dramatically increases the service life of the screw-pump in comparison with many other equivalent 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 product easy to handle and use.

TECHNICAL SPECIFICATIONS

Model	PM-20GP
Trigger	Electric, 380 V / 50 Hz, 32/16 A
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 *	27 lt/min with D7-2.5 (22 lt/min with D6-3 or others)
With different rotor-stator	6 - 60 lt/min
Working pressure **	30 bar
Delivery Distance **	50 m → / 15 m ↑↓
Max. grain size supported ***	0 - 4 mm (ideal 0 - 2 mm)
Hopper volume	150 lt
Hopper filling height	940 mm
Remote control	Optional
Emergency stop	Available
Wheel	4 x Caster wheel (one with swivel brake)
Dimensions (WxLxH)	800 x 1200 x 1600 mm
Weight	325 kg

* D7-2.5 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®

GROUT PUMP With MIXER

The underground constructions are getting larger and higher worldwide. Screw-type pumps are becoming more popular for grouting projects everyday. We offer the "pump with mixer" as the successor of the "mixer-pump" and a more efficient instrument of grouting. As a brand name **TEKKÖK®** means innovation, quality and trust.

BUILT-IN CONTINUOUS MIXER:

Our integration of the built-in continuous mixer to the pump is an innovative way with benefits supporting user's budget. The continuous mixer independent from the pump mixes the ingredients better. This method of mixing leads to longer life time of rotor-stator.

CONTINUOUS MIXER AND PUMP: IMPROVED TECHNOLOGY

LONGER LIFE TIME OF ROTOR-STATOR

It is the unique integration of a continuous mixer with a screw pump for grouting. We designed this pump with a built in continuous mixer in 2001 for the first time. We replaced the "mixer-pump" with the "mixer and pump" for grouting. We attached a continuous mixer to the pump and developed the "mixer and pump" to avoid the problems experienced with any "mixer-pump." Our main focus was to decrease the unusual consumption rate of the rotor-stator. Each set was consumed more than usual because of the grout mixture which is improperly mixed within the poor underground conditions. We increased the lifetime of the rotor-stator by making the mixture homogenous with a continuous mixer.

TEKKÖK® GROUT PUMP With MIXER Screw Pump
www.tekkok.com.tr

**MADE IN
Turkey**
Discover
the potential

**IMPROVED
CONTINUOUS
MIXER**

**EASY
CLEANING**

**HIGH
QUALITY
ELECTRIC
PANEL
&
MOTORS**

**INOVATIVE
DESIGN
PATENTED
LEACKAGE
SEAL**

**BALANCED
CENTER
OF
GRAVITY**

**EASY
MOVE**



GENERAL FEATURES

It is the most popular model for bolt grouting. It is designed with the unique integration of a screw pump with a continuous mixer. The mixer is operated independently from the pump. With the special interior design, the mixer prevents forming aggregation within the mixture by mixing it very well. In this way, it avoids delivering dry material into the pump. The pump and hose never gets choked up and the work never stops because of dry material and lump. The life time of the rotor-stator is saved. The work efficiency is increased. The results are satisfactory.

The materials and water are put into the mixer and get mixed inside. When the mixture is ready the pump is started and grout delivered to the bolt. This model is ideal for applying any grout material; cement, lime, refractory materials, geothermal grout, and bentonite with low wearing rate. You may check our other models for the materials with high wearing rates.

TECHNICAL SPECIFICATIONS

	GP-35
AC Power	380 V, 50 Hz
Pump motor power	5.5 kW (Optional 7.5 kW)
Mixer motor power	2.2 kW
Mixer motor rotation	55 rpm
Delivery rate *	42 lt/min (Manuel control with ball-valve on return system)
Delivery distance *	50 m → / 15 m ↓
Grain size support **	0 - 3 mm
Rotor stator type	P8-5
Max. pressure	30 bar (Manuel control with ball-valve on return system)
Mixer hopper volume	500 lt
Mixer hopper filling height	1200 mm
Weight	480 kg
Dimensions (ExBxY)	1000 x 2000 x 1800 mm

* It may vary due to rotor-stator type, hose diameter, ingredients and quality of mixture, grain size, water ratio.
** It is ideal for pumping cement-water grout and its grain size support means the ability to pump cement grains.

TEKKÖK®

GROUT PUMP With MIXER

The underground constructions are getting larger and higher worldwide. Screw-type pumps are becoming more popular for grouting projects everyday. We offer the "pump with mixer" as the successor of the "mixer-pump" and a more efficient instrument of grouting. As a brand name **TEKKÖK®** means innovation, quality and trust.

BUILT-IN CONTINUOUS MIXER:

The integration of the built-in continuous mixer is designed in an innovative way. The improved interior design mixes the materials well and the mixture becomes homogenous. It prevents aggregation in the mixture and leads to a longer life time of the spare parts.

A NEW GENERATION GROUT PUMP WITHOUT REPLACEMENT PARTS

IMPROVED TECHNOLOGY INNOVATIVE - UNIQUE - DURABLE

We present the best period in our product's history, by removing its replacement parts, with a new and unique design which does not wear out parts. As its main difference from all its equivalents worldwide, our new generation model does not mainly require to raplace parts except its rotor-stator.

* On our new-gen design, there is no sealing, bearing, coupling and similar parts in between the pump and motor to avoid grout leakage, no delivery helix to deliver grout to front to rotor-stator.

* There is no need to lubricate/grease any part at all. No need to observe its parts. No place for worker mistakes and user defects!

TEKKÖK® NEW-GEN GROUT PUMP With MIXER Screw Pump

www.tekkok.com.tr

INNOVATIVE
NO NEED TO
REPLACE
PARTS
EXCEPT
ROTOR-STATOR

NO NEED TO
LUBRICATE
NO PLACE FOR
LABOR FAULTS &
USER DEFECTS

Stable Quality
ROTOR
STATOR
Since 2006

LOW
MIXER
LEVEL
112 cm

COMPLIES TO
WORK SAFETY
QUALIFIED
ELECTRIC
BOX

MADE IN
Turkey
Discover
the potential



GENERAL FEATURES

It is the most popular model for bolt grouting. It is designed with the unique integration of a screw pump with a continuous mixer. The mixer is operated independently from the pump. With the special interior design, the mixer prevents forming aggregation within the mixture by mixing it very well. In this way, it avoids delivering dry material into the pump. The pump and hose never gets choked up and the work never stops because of dry material and lump. The life time of the rotor-stator is saved. The work efficiency is increased. The results are satisfactory.

The materials and water are put into the mixer and get mixed inside. When the mixture is ready the pump is started and grout delivered to the bolt. This model is ideal for applying any grout material; cement, lime, refractory materials, geothermal grout, and bentonite with low wearing rate. You may check our other models for the materials with high wearing rates.

TECHNICAL SPECIFICATIONS

	GP-35Y
AC Power	380 V, 50 Hz
Pump motor power	5.5 kW (Optional 7.5 kW)
Mixer motor power	2.2 kW
Mixer motor rotation	50 rpm
Delivery rate *	42 lt/min (Manuel control by the ball-valve on the return system)
Delivery distance *	50 m → / 15 m ↑↓
Grain size support **	0 - 3 mm
Rotor stator type	P8-5
Max. pressure	30 bar (Manuel control by the ball-valve on the return system)
Mixer hopper volume	425 lt
Mixer hopper filling height	1120 mm
Weight	480 kg
Dimensions (WxLxH)	2100 x 1250 x 1850 mm

* It may vary due to rotor-stator type, hose diameter, ingredients and quality of mixture, grain size, water ratio.
** It is ideal for pumping cement-water grout and its grain size support means the ability to pump cement grains.

No10+ ROTOR-STATOR

P10+ (2L6+++) rotor-stator set is installed on this model. As this type is designed for the mixtures with grain size up to 0-6 mm, its lifetime is longer with the cement-water grout. P10+ is expected to have efficient use time much longer than other rotor-stators used for grouting. P10+ is budget saver for users at all scales of grouting projects thanks to its structure and self-clamped design which both increase its efficient use time.

60 L/MIN + LOW RPM

With a delivery rate up to 60 lt/min, it is a very ideal pump for all grout works like contact and consolidation grouting as well as bolt grouting. The rotation of its rotor-stator is low per minute. It leads to an efficient use time of parts longer than the pumps with high rpm.

CONTINUOUS MIXER AND PUMP: IMPROVED TECHNOLOGY

LONGER LIFE TIME OF ROTOR-STATOR

It is the unique integration of a continuous mixer with a screw pump for grouting. We designed this pump with a built in continuous mixer in 2001 for the first time in the world. We replaced the "mixer-pump" with the "mixer and pump." We attached a continuous mixer to the pump and developed the "mixer and pump" to avoid the problems experienced with any "mixer-pump." Our main focus was to decrease the unusual consumption rate of the rotor-stator. Each set was consumed more than usual because of the grout mixture which is improperly mixed within the poor underground conditions. We increased the lifetime of the rotor-stator by making the mixture homogenous with a continuous mixer.

TEKKÖK® GROUT PUMP With MIXER Screw Pump

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MADE IN
Turkey
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the potential

INNOVATIVE
SEALING
WITH
PATENT
DURABLE
LEAKAGE
PROOF

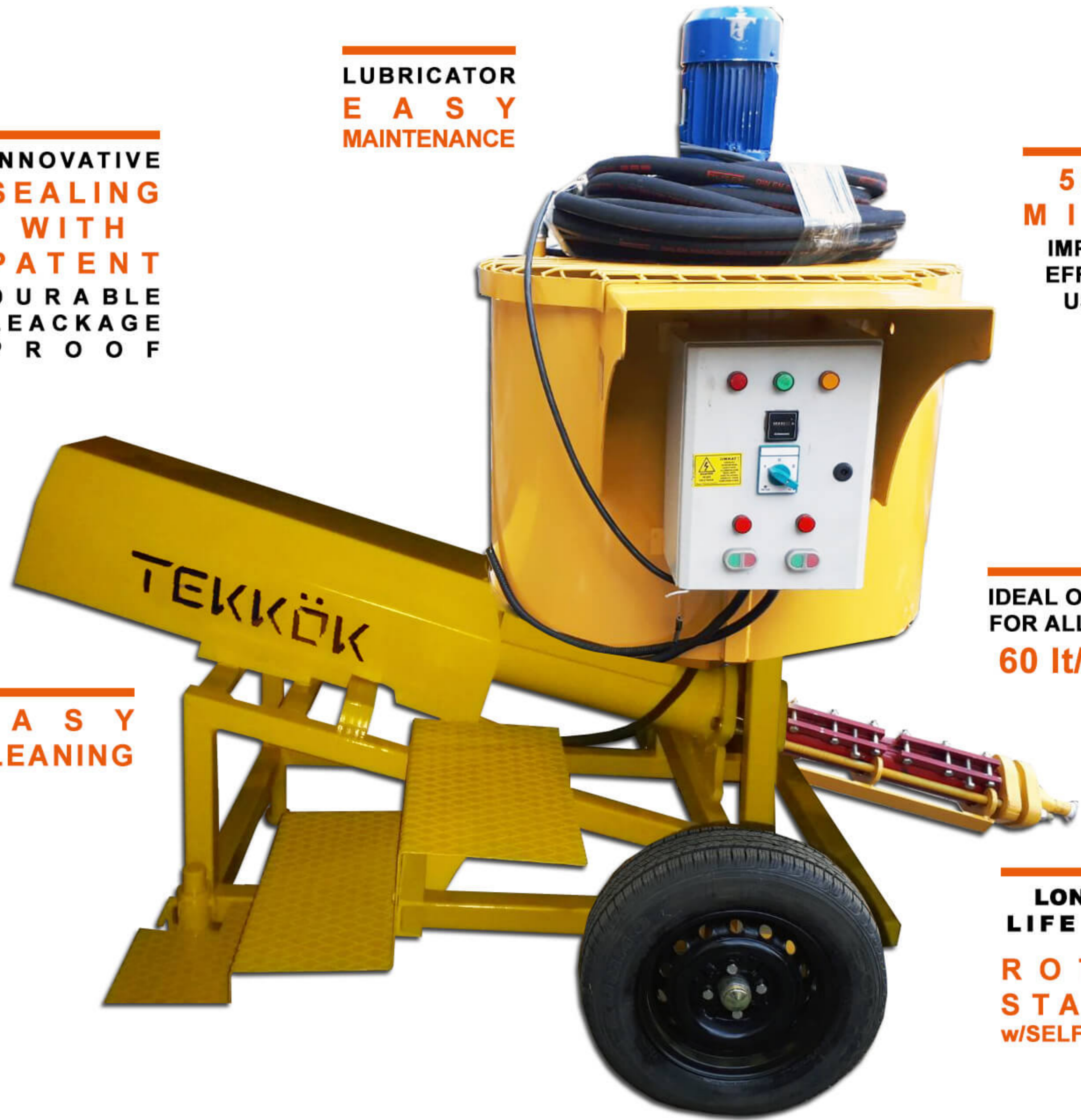
LUBRICATOR
E A S Y
MAINTENANCE

500 L
M I X E R
IMPROVED
EFFECTIVE
USEFUL

E A S Y
CLEANING

IDEAL OUTPUT
FOR ALL JOBS
60 lt/min

LONGER
LIFE TIME
R O T O R
S T A T O R
w/Self-CLAMP



GENERAL FEATURES

It is a unique grout pump with no equivalent. P10+ rotor and stator set with self-clamp is installed for pumping grout with efficient use time longer than other other types used on regular grout pumps. P10+ is expected to have efficient use time 6 times longer than the standard rotor-stator products'. It is designed with the unique integration of a screw pump with a continuous mixer. The mixer is operated independently from the pump. With the special interior design, the mixer prevents forming aggregation within the mixture by mixing it very well. In this way, it avoids delivering dry material into the pump. The pump and hose never gets choked up and the work never stops because of dry material and lump. The life time of the rotor-stator is saved. The work efficiency is increased. The results are satisfactory.

The materials and water are put into the mixer and get mixed inside. When the mixture is ready the pump is started and grout delivered to the bolt. It is ideal for applying any grout material with low and medium wearing rates (cement, lime, refractory materials, geothermal grout and bentonite).

TECHNICAL SPECIFICATIONS

	GP-45
AC Power	380 V, 50 Hz
Pump motor power	7.5 kW
Mixer motor power	2.2 kW
Mixer motor rotation	50 rpm
Delivery rate *	60 lt/min (Optional 35 lt/min or with electronic speed control)
Delivery distance *	200 m → / 60 m ↑↓
Grain size support **	0 - 6 mm
Rotor-stator type	P10+
Max. pressure	30 bar (Manuel control with return system with valve)
Mixer hopper volume	500 lt
Mixer hopper filling height	1500 mm (Easy access with built-in stairs)
Weight	550 kg
Dimensions (W x L x H)	1000 x 2000 x 1900 mm

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

** It shows the limits of the rotor-stator and gives idea about its use time when pumping cement-water grout. For mixing grains like sand, it requires an improved mixer. The standard mixer is for mixing only cement-water.



P12 & P10+ ROTOR-STATOR

The P12 and P10+ rotor-stator sets can be interchangeably installed on this unique model. P12 is designed for mixtures with grain size up to 0-12 mm which promises longer use time for pumping cement-water grout. The P10+ supports 0-6 mm and comes with self-clamp which both also promise a very long use time for pumping cement-water grout. Both are budget saver for the users at all scales of projects.

105 L/MIN + 35 L/MIN

It is one amazing pump applicable with 2 different types of great rotor-stator. With P12 installed, its pumping rate is 105 lt/min high flow and good for jobs like contact and consolidation grouting. With P10+ installed, it is 35 lt/min very ideal for bolt grouting.

CONTINUOUS MIXER AND PUMP: IMPROVED TECHNOLOGY

LONGER LIFE TIME OF ROTOR-STATOR

It is the unique integration of a continuous mixer with a screw pump for grouting. We designed this pump with a built in continuous mixer in 2001 for the first time. We replaced the "mixer-pump" with the "mixer and pump" for grouting. We attached a continuous mixer to the pump and developed the "mixer and pump" to avoid the problems experienced with any "mixer-pump." Our main focus was to decrease the unusual consumption rate of the rotor-stator. Each set was consumed more than usual because of the grout mixture which is improperly mixed within the poor underground conditions. We increased the lifetime of the rotor-stator by making the mixture homogenous with a continuous mixer.

TEKKÖK® GROUT PUMP With MIXER Screw Pump

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**MADE IN
Turkey**

Discover
the potential

**LOW
FILLING
HEIGHT**
110 cm

**IMPROVED
MIXER**
Homogenous Mix

**LUBRICATOR
EASY
MAINTENANCE**

**MEETING JOB
SAFETY
REQUIREMENTS
HIGH QUALITY
ELECTRIC BOX**

**475 lt
MIXER**
IMPROVED
EFFECTIVE
USEFUL



**WITH P12
HIGH FLOW
105 L/MIN**
**WITH P10+
IDEAL FLOW
35 L/MIN**

**INNOVATIVE
SEALING
WITH
PATENT
DURABLE
LEAKAGE
PROOF**

**LONGER
LIFE TIME**
**R O T O R
S T A T O R**

**E A S Y
CLEANING**



GENERAL FEATURES

It is a unique grout pump with no equivalent. Both models are with rotor-stator set for pumping more grout with much longer life time. GP-55 can be used with both P10+ and P12 whereas GP-55L is specially designed for providing all the benefits of P10+ rotor-stator with self-clamp.

It is designed with the unique integration of a screw pump with a continuous mixer. The mixer is operated independently from the pump. With the special interior design, the mixer prevents forming aggregation within the mixture by mixing it very well. In this way, it avoids delivering dry material into the pump. The pump and hose never gets choked up and the work never stops because of dry material and lump. The life time of the rotor-stator is saved. The work efficiency is increased. The results are satisfactory.

The materials and water are put into the mixer and get mixed inside. When the mixture is ready the pump is started and grout delivered to the bolt. It is ideal for applying any grout material with low or high wearing rates (cement, lime, refractory materials, geothermal grout and bentonite).

TECHNICAL SPECIFICATIONS

	GP-55	GP-55L
AC Power	380 V, 50 Hz	380 V, 50 Hz
Pump motor power	7.5 kW	7,5 kW
Mixermotor power	2.2 kW	2.2 kW
Mixer motor rotation	50 rpm	50 rpm
Delivery rate *	105 lt/min (35 lt/min with P10+)	60 lt/min
Delivery distance *	300 m → / 75 m ↑↓	200 m → / 60 m ↑↓
Grain size support **	0 - 12 mm (0 - 6 mm with P10+)	0 - 6 mm
Rotor-stator type	P12 (Interchangeable with P10+)	P10+
Max. pressure	30 bar (Manuel control with return system with valve)	
Mixer hopper volume	475 lt	475 lt
Mixer hopper filling height	1100 mm	1100 mm
Weight	530 kg	525 kg
Dimensions (W x L x H)	1250*2500*1400 mm	1250*2500*1400 mm

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

** It shows the limits of the rotor-stator and gives idea about its use time when pumping cement-water grout. For mixing grains like sand, it requires an improved mixer. The standard mixer is for mixing only cement-water.



TEKKÖK®

Screw Pumps as GROUT PUMPS WITH VERTICAL CONTINUOUS MIXERS

In addition to our models with horizontal mixers, we offer grout pumps with vertical mixers which are especially designed to make quick mixes as homogeneous as possible to meet the needs we mostly see at underground constructions. As a brand name **TEKKÖK®** means innovation, quality and trust.

MAKING MIXES WITH GRAINS

Our improved vertical mixer is for making mixes with grains. As the pump supports grain size up to 0-6 mm, the vertical mixer is good match for the pump. It is commonly used for making cement-water grout or mortar with cement, sand, water.

P12 ROTOR-STATOR

P10 (2L6) rotor-stator set is one option to be installed to this model. P10 is the type designed for pumping grout with regular rate while supporting grain size up to 0-6 mm. Its lifetime is long when pumping mixes with small grain sizes and especially with cement-water grout. It has efficient use time longer than any regular rotor-stator set used for grouting.

P10+ ROTOR-STATOR

P10+ (2L6+++) rotor-stator set is an other option to be installed to this model. P10+ is the type designed for pumping grout with ideal rate while supporting grain size up to 0-6 mm. With its self-clamp to increase its efficient use time, this is the rotor-stator which promises the longest life time on any machine pumping cement-water grout.

TEKKÖK® GROUT PUMP WITH VERTICAL MIXER +HOPPER

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ELECTRICAL MODELS

Model	PME-60GP	PME-30GP	PE-60GP	PE-30GP
Trigger	Electric	Electric	Electric	Electric
Pump motor power	7.5 kW	5.5 kW	7.5 kW	5.5 kW
Mixer motor power	3 kW / 55 rpm	2.2 kW / 55 rpm	-	-
System	Mechanic	Mechanic	Mechanic	Mechanic
Pumping rate ***	60 lt/min	35 lt/min	60 lt/min	35 lt/min
Pumping distance *	200 m	100 m	200 m	100 m
Pumping height *	60 m	30 m	60 m	30 m
Grain size support	0 - 6 mm	0 - 6 mm	0 - 6 mm	0 - 6 mm
Ideal grain size **	0 - 3 mm	0 - 3 mm	0 - 3 mm	0 - 3 mm
Mixer hopper volume	400 lt	200 lt	-	-
Pumping hopper volume	400 lt	200 lt	400 lt	200 lt
Trailer	2 wheels 13" + 1 support wheel + Hitch connection			
Dimensions mm (WxLxH)	1400*3250*1750	1200*2250*1550	Height without mixer 1150	
Weight	800 kg	650 kg	500 kg	350 kg
Optional features	Water pump, grid safety sensor, remote control			

* It may vary due to rotor-stator type, hose diameter, mix quality and ingredients, grain size, water slump.

** Hose tested with the mix with 0-3mm grains is with 1.5" interior diameter and for cement-water grout with 1".

*** Flow and pressure control is manual-mechanic by the ball-valve. Electronic or hydraulic control is optional.

DIESEL MODELS

Model	PMD-60GP	PMD-30GP	PD-60GP	PD-30GP
Trigger	Diesel	Diesel	Diesel	Diesel
Engine power	40 HP	22 HP	22 HP	22 HP
Engine cylinder	2-cylinder	2-cylinder	2-cylinder	2-cylinder
System	Hydraulic	Hydraulic	Hydraulic	Hydraulic
Pumping rate ***	0-60 lt/min	0-35 lt/min	0-60 lt/min	0-35 lt/min
Pumping distance *	200 m	100 m	200 m	100 m
Pumping height *	60 m	30 m	60 m	30 m
Grain size support **	0 - 6 mm	0 - 6 mm	0 - 6 mm	0 - 6 mm
Ideal grain size **	0 - 3 mm	0 - 3 mm	0 - 3 mm	0 - 3 mm
Mixer hopper volume	400 lt	200 lt	-	-
Pumping hopper volume	400 lt	200 lt	400 lt	200 lt
Trailer	2 wheels 13" + 1 support wheel + Hitch connection			
Dimensions mm (WxLxH)	1600*3550*1750	1400*2550*1550	Height without mixer 1250	
Weight	1200 kg	1250 kg	1050 kg	1000 kg
Optional features	Water pump, grid safety sensor, remote control			

* It may vary due to rotor-stator type, hose diameter, mix quality and ingredients, grain size, water slump.

** Hose tested with the mix with 0-3mm grains is with 1.5" interior diameter and for cement-water grout with 1".

*** Flow and pressure control is manual-hydraulic. Manual-mechanic control by the ball-valve is also available.



TEKKÖK®

Screw Pumps as GROUT PUMPS WITH HORIZONTAL CONTINUOUS MIXERS

In addition to our models with vertical mixers, we offer grout pumps with horizontal mixers. Our horizontal mixers are especially designed to make more homogenous mixes with larger grains which we mostly see at upground constructions. As a brand name **TEKKÖK®** means innovation, quality and trust.

MIXING LARGE GRAINS;

Our improved horizontal mixer is for making mixes with grain size up to 0-16 mm. As the pump supports grain size 0-6 / 0-12 mm, the horizontal mixer is good match for the pump. It is commonly used for making cement-water grout or mortar with cement, sand, water.

P12 ROTOR-STATOR

P12 (60-12) rotor-stator set is one option to be installed to this model. P12 is the type designed for pumping grout with high rate while supporting grain size up to 0-12 mm. Its lifetime is long when pumping mixture with small grain size and especially with cement-water grout. It has efficient use time longer than any regular rotor-stator set used for grouting.

P10+ ROTOR-STATOR

P10+ (2L6+++) rotor-stator set is an other option to be installed to this model. P10+ is the type designed for pumping grout with ideal rate while supporting grain size up to 0-6 mm. With its self-clamp to increase its efficient use time, this is the rotor-stator which promises the longest life time on any machine for pumping cement-water grout.

TEKKÖK® GROUT PUMP WITH HORIZONTAL MIXER +HOPPER

www.tekkok.com.tr



MADE IN Turkey
Discover the potential

MIXER SAFETY SENSOR

SHORTER MIXER LEVEL 1100 mm

LARGE MIXER

AVAILABLE WITH OR WITHOUT MIXER

EASIER MOVE SUPPORT WHEEL

OPTIONAL SUPPORT 0-6 MM OR 0-12 MM

ELECTRICAL MODELS

Model	PME-40GP	PME-40GP MAX	PE-40GP	PE-40GP MAX
Trigger	Electrical			
Total power	12 kW			
System *	Mechanic (Hydraulic or Electronic rate control is optional)			
Pumping rate	35 lt/min	60 lt/min	35 lt/min	60 lt/min
Pumping distance **	200 m → / 60 m ↑↓			
Grain size support ***	0 - 6 mm (with P10+ rotor-stator and optional 0 - 12 mm with P12)			
Ideal grain size ***	0 - 3 mm (with P10+ rotor-stator and optional 0 - 7 mm with P12)			
Mixer hopper volume	160 lt (200 lt with hydraulic lifting)	No mixer	No mixer	No mixer
Pumping hopper volume	180 lt	180 lt	180 lt	180 lt
Trailer	2 wheels 13" + 1 support wheel + Hitch connection			
Dimensions (WxLxH)	1500 x 2750 x 1250 mm			
Weight	700 kg		600 kg	
Optional features	Water pump, grid safety sensor, remote control			

DIESEL MODELS

Model	PMD-40GP MAX	PD-40GP MAX
Trigger	Diesel	
Engine power	40 HP	
System *	Hydraulic	
Pumping rate	0-60 lt/min with hydraulic rate control (Max.rate 10 m ³ /h with P12)	
Pumping distance **	200 m → / 60 m ↑↓	
Grain size support ***	0 - 6 mm with P10+ rotor-stator and 0 - 12 mm with P12	
Ideal grain size ***	0 - 3 mm with P10+ rotor-stator and 0 - 7 mm with P12	
Mixer hopper volume	200 lt	-
Pumping hopper volume	180 lt	180 lt
Trailer	2 wheels 13" + 1 support wheel + Hitch connection	
Dimensions (WxLxH)	1500 x 3250 x 1250 mm (1900 x 3250 x 1250 for hydraulic lifting)	
Weight	900 kg	800 kg
Optional features	Water pump, grid safety sensor, remote control	

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

** The delivery distance depends on rotor-stator, hose diameter, mix quality, ingredients, grain size, slump.

*** The interior diameter of the hose should be chosen due to the maximum grain size of the mixture.



TEKKÖK®

PUMP WITH 2 MIXER AND 1 HOPPER

We offer this model of our grout pump with a special design of mixer. Its mixer design and mixing speed allows us to make very homogeneous cement-water grout mixes in very short time. To maximize the total mixing rate, we offer this model with two mixers and a hopper. As a brand name **TEKKÖK®** means innovation, quality and trust.

1500RPM QUICK MIXER

It has a structure which allows to mix very well with the high speed mixer and its special interior design. It makes the cement-water grout mix very quickly while making it very homogenous as well.

P12 ROTOR-STATOR

P12 (60-12) rotor-stator set is one option to be installed to this model. P12 is the type designed for pumping grout with high rate while supporting grain size up to 0-12 mm. Its lifetime is long when pumping mixture with small grain size and especially with cement-water grout. It has efficient use time longer than any regular rotor-stator set used for grouting.

OUTPUT CONTROL

It is possible to electronically control the output rate without losing power or reducing the pumping distance or height. It is a screw pump reaches high rates at low rotation of its rotor-stator. It saves the lifetime of the shaft and seals as it does not rotate much unlike its equivalents. It is very durable with its well designed structure and lasting components.

TEKKÖK® GROUT PUMP WITH DOUBLE MIXER +HOPPER
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**SCREW
PUMP
EASY TO
USE
CLEAN
MAINTAIN**

**MEETING JOB
SAFETY
REQUIREMENTS
QUALIFIED
ELECTRIC
BOX**



**HIGH
ROTATION
1500 RPM
MIXER**

**DOUBLE
MIXER
+
HOPPER**

**OUTPUT
CONTROL**

**MANUAL
OR
AUTOMATIC
LUBRICATION**

GENERAL FEATURES

This grout pump is designed with a strong and powerful screw pump as a competitor to piston pumps. It is not always easy to operate with a piston pump for grouting. The cleaning and maintenance of piston pumps can be challenging for the employees at the field. Difficulties in cleaning and maintenance can cause excessive use of spare parts and unexpected fees in return. This model design with the screw pump is easy to operate, clean and maintain. It is one of the most efficient grout pumps for all type of grouting jobs. Its unique desing is helpful for everything. Its unique design is equipped with innovative ideas and helpful features. It is powerful, strong, durable and user-friendly. It is ideal for use in tunnel, road, bridge (bolt tension grouting) and mines.

TECHNICAL FEATURES

	ART-55	ART-120	ART-180
AC Power	380 V, 50 Hz		
Pump motor power	4 kW	7.5 kW	11 kW
Mixer motor (x 2)	7.5 kW each		
Mixer motor rotation	1500 rpm each		
Agitator	Optionally hopper can be converted to agitator		
Agitator motor	1.5 kW / 100 rpm		
Output rate (Adjustable)	0-37 lt/min	0-105 lt/min	0-165 lt/min
Delivery rate	200 m → / 50 m ↑↓		
Maximum operating pressure	30 bar		
Mixer volume (x 2)	180 lt each		
Mixer filling height	1100 mm		
Pumping hopper volume	180 lt		
Dimensions (WxLxH)	1500*2000*1750 mm		

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