



EXPANDER SERIES

Advanced technology floor grinders

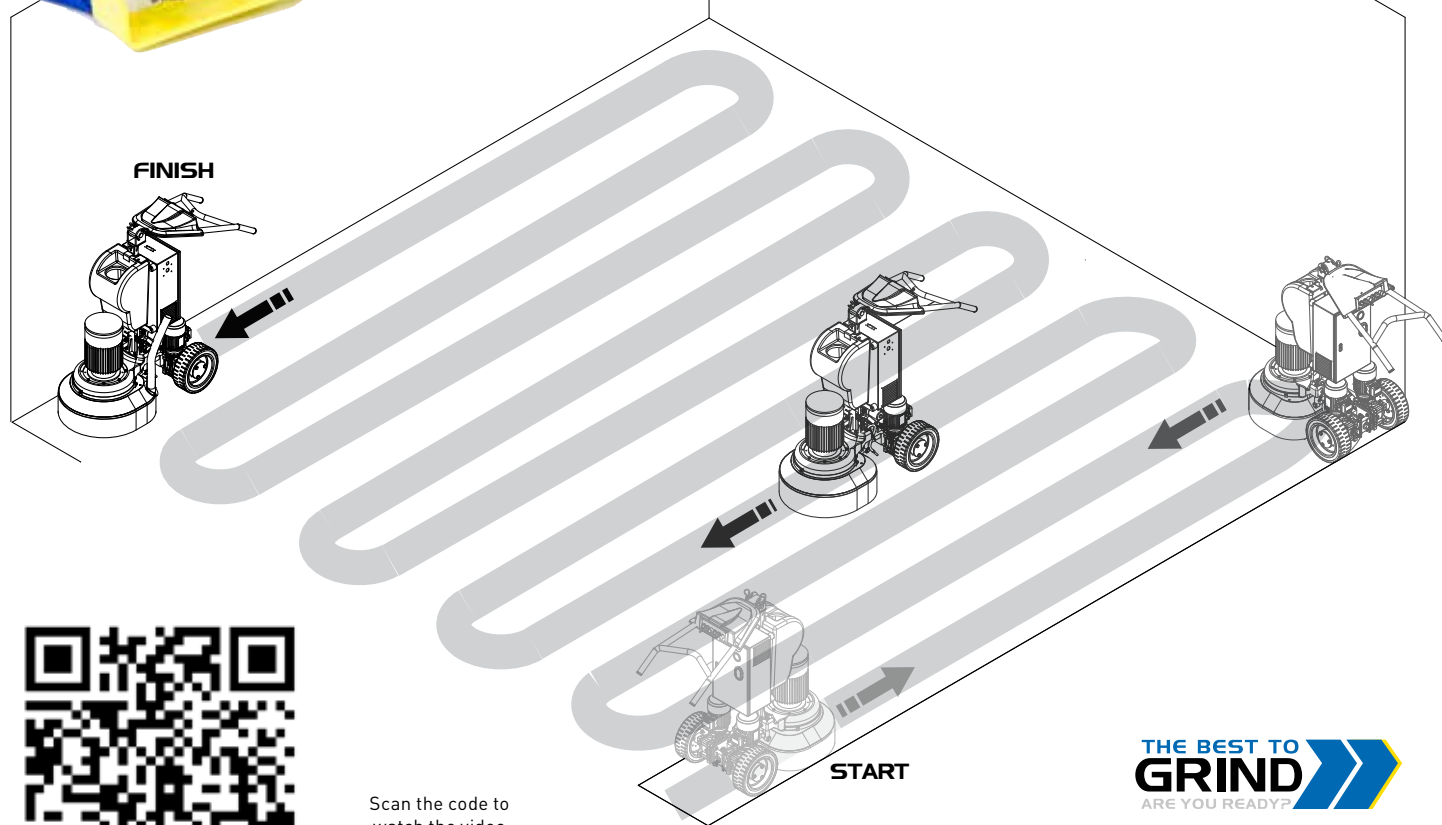
New AT (Auto Pilot) Technology

FINALLY THE GRINDING AND POLISHING MACHINE THAT DOES IT ALL ON ITS OWN!



Features:

- Automatic planetary lifting with remote control
- Easy transportation
- Great driving power
- Automatic swinging function
- Automatic reverse
- Automatic grinding of the whole working surface
- Precision edge grinding
- Extreme maneuverability



Scan the code to watch the video



THE BEST TO
GRIND
ARE YOU READY?



ALL IN THE PALM OF YOUR HAND

Klindex has developed a new and exclusive technology of remote automatic control for grinding and polishing machines. With this amazing system called AT (Auto Pilot) Klindex machines can grind on their own the entire area moving forward, turning and coming back, crossing the grinding tracks leaving no untreated parts. Without any interruption, it is also possible to modify all the variables of the machine with a comfortable, handy and intuitive remote control.

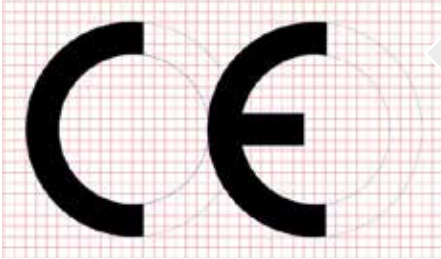


EXPANDER SERIES

main features of the different versions.

		SX	RX	AT
	Battery on-board for an easy transportation		✓	✓
	Basic remote control	✓	✓	
	Advanced remote control			✓
	Automatic advancement	✓	✓	✓
	Automatic swinging function	✓	✓	✓
	Automatic reverse			✓
	Automatic overlap			✓
	Automatic grinding of the whole working surface			✓
	Upgrade to AT (auto-pilot) version	✓	✓	
	220V socket		✓	✓

Why choose Expander?



Safety Rules

EXPANDER satisfy what the SAFETY RULES (Art EN 60204-1 requires)
Check if the other machine satisfy what the SAFETY RULES



Selector to block the door of the inverter.

This device avoids the door from being opened before "switching off" the "electric power".
Check if the competitors machine has this device.



Safety device dedicate to monitor the emergency circuit.

This device automatically shuts off the machine if some electric problem happens avoiding any injuries.
KLINDEX uses the right and approved electrical components including oversized wire.
Check if the competitors machine has this device. Check the electric components and the kind of wire they use is approved.



Special safety emergency button.

(Not a normal emergency button like on smaller machines). When this special emergency button is pushed the motor is immediately turned off and all the "moving parts" (like tools) are immediately stopped avoiding any injuries. Check if the competitors machine has this device. Many machines in the market that have the emergency button take time to relay the signal therefore could cause injuries.



Re-start safety system.

The new start (re-start) after any stop cannot happen casually. Any start has to be active not passive. It means for example that if any one accidentally connects the electrical power, the machine doesn't start again. To start again the operator has to follow all instructions correctly. Check if the competitors machine has this device. Many machines in the market if after pushing the EMERGENCY BOTTON the electrical power is reconnected accidentally the machine will start again and could cause injury. Be careful to this point and image that while someone is changing the tools that someone doesn't accidentally restore the power!



Motor Engine

Motor 15, 20 or 25 hp even in UL version. Voltage 380-450 volt. Amper 32.
Check the kind of motor.



Remote Control.

Klindex has developed a new and exclusive automated remote-controlled technology for his grinding and polishing machines. With this amazing system called "AT" (Auto pilot) Klindex grinding machines are able to cover the entire area swinging forward, turning and coming back over overlapping the grinding tracks leaving no untreated areas. No interruptions, all settings of the machine can be modified through the comfortable, compact and intuitive radio remote control.

- Planetary Turning on / off.
- Remote controller adjustable working pressure.
- On-board batteries for unplugged machine handling .
- On-board batteries for unplugged Planetary lifting.
- Automatic swinging regulation.
- Automatic U turn.
- Automatic grinding of the entire working area.
- High precision close to wall operation.
- Excellent manoeuvrability.



Variable speed

From 300 up to 1300 rpm

Check the speed. Many machine have speed range very limited



Tank with 46lt capacity.

The tank is very important for working wet. When working dry the diamond doesn't grip and skates on the surface of the concrete. It is also important for polishing marble, terrazzo and granite.

Many competitor machines don't have a tank. Check and see if it has a water tank.



Third front wheel.

Third front wheel that offers the following advantages: • It makes for easy transportation. • It allows to regulate the working pressure. • It allows to inclination on the planetary head. • It is very useful when working on very uneven floors. Check if the competitors machine has the third front wheel.



Adjustable working head pressure.

The pressure is adjusted by "ELECTRONIC DEVICE".

Many machines do not have an ELECTRONIC DEVICE but have to adjust the pressure adding weight manually.

The spring attachments force the weight of the chassis onto the working area allowing the machine to have some slight movement during the grinding work, but always focusing the downward grinding pressure.



Effective weight distribution.

Klindex design the motor directly over the top of the planetario with three well balanced heads for perfect balance and highest grinding pressure available (this balance allows it to work as well on marble/granite as it can on concrete) Many competitors machine can't work on marble.



NO BELTS TO BREAK!!

Planetary Head.

PLANETARY HEAD that is 100% tempered metal and geared driven not belt. The main disc and the satellites always run, allowing the machine to work very hard with high performance. The working pressure of the Planetary can be adjusted giving pressure on the front or on the backside. Giving more pressure in front the machine cuts faster and deeper. NO BELTS to break! Check what kind of Planetary they are using. The PALENTARY with BELT DRIVE doesn't have the same performance of metal geared. Furthermore it is subjected to break during the work and needs a lot of time to repair. Attention: in many machines the main disc and the satellite don't run together: if you block one satellite (one tools disc by hand) the main disc still runs. It means that using the machine for heavy duty work the machine doesn't have performance at all. For many machines it is not possible to be used inclined the Planetary and as result can work only in one position. Therefore cannot cut fast and deep resulting in very poor performance.



Steel Priority.

Steel frame painted with metallic varnish. Aluminium carter covering the Planetary. The metal covering protects the diamond tools and allows it to work very close to the wall. Many competitors machines have Plastic coverings. It breaks very easily, it doesn't protect the diamond tools and doesn't allow you to work close to the wall. The machine will leave a lot of space untreated.



Handle.

Adjustable position of the handle for a comfortable working position. It also can be reversed to allow the operator to drive the machine from in front and not only from the rear. Many machines cannot be used standing in the front but can be handled only from the rear.



Dust control Optimized.

Vacuum ports for working dry and Free of Dust. Check if they have it.



Splash Guard.

Strong Perimetral neoprene splash guard. Check if they have.



Battery Engine (backup).

With a back up battery engine for remote control machines, you don't have to run a power supply or worry about pushing your machine from the vehicle on the jobsite. The battery charges while the machine is in use and hooked up to a power supply. This option allows you to load and unload the machine with ease and decreases the risk of injuries. Check to see if the competitors machine has such an option allowing you to move, load and unload the machine without risking injuries.

MAKE YOUR FLOOR SUPER FLAT WITH KLINDEX



The powerful Klindex rigid head. **EXPANDER RANGE** is the ideal grinding machine to achieve **perfect flat floor** with concrete, marble, granite, terrazzo or limestone.

EXPANDER RANGE

RIGID HEAD VS FLOATING HEAD

Klindex has designed and manufactured the Expander range of floor grinders to give the ultimate **FLAT FLOOR**.

The Expander range has a fixed planetary gear driven head that works to grind all flooring surfaces flat. The Expander 1000 with its one meter planetary six head design along with its 1.35 tonne weight delivers the ultimate flat floor.

Many machines available on the market are designed with a floating grinding head. The design allows the machine to follow the contours of the floor and can at times leave a 'wavy' appearance to the floor.

The combination of the floating head and lighter machine weight reduces the grinding ability of the machine to produce perfectly flat floors.

KLINDEX MACHINE



FLAT FLOOR

FLAT FLOOR

RIGID HEAD MACHINES MAKING THE FLOOR FLAT

OTHER MACHINE



WAVY FLOOR

ROUGH FLOOR

FLOATING HEAD MACHINES MAKING THE FLOOR WAVY



EXPANDER 1000

The biggest floor grinder radio controlled Klindex
6 heads counter-rotating, adjustable work pressure
and variable speed.



Self powered transport system



No belt to break



Remote control easy, smart and safe



Auto-Levelling Planetary System



Semi-automatic planetary lifting



Anti-Shock System



RADIO CONTROL AND WIRE COMMAND INCLUDED



• Electronic control of the working pressure.

Expander 1000 with the best quality/price relation is the best **fully automatic** 6 headed grinding machines in the world. With the included **wire control** it is possible to adjust working functions such as: • Speed and directions of the machine. • Speed of the planetary. • Planetary turning directions. • Drift control. • Emergency safety stop. • Remote control optional.

Main features: One button system to rotate the planetary of 90° to allow a fast and easy change of tools. • Strong gear box with thermo-hardened steel gears for a longer life. • Adjustable working pressure from 500 up to 1250 kg. • Adjustable inclination of the Planetary to allow a bigger frontal cutting. • No noise during the work. • Third insertable front wheel for easy transport and to load into the van. • Battery powered for independent tractions when unplugged. • Auto levelling Planetary System. • Powered planetary lifting. **Additional features:** • To prevent working emergencies the machine is engineered to be operated also manually with included special handle and independent manual hydraulic pump.

Superconcrete 7 step	40-45m ² /h
Concrete Grinding 1 step	160-220m ² /h
Terrazzo Polishing 5 step	40-45m ² /h
Resin Removing 1 step	200-300m ² /h
Varnish Removing 1 step	200-300m ² /h
Marble Polishing 5 step	30-50m ² /h
Granite Polishing 7 step	20-30m ² /h

*Production numbers may vary according to surface conditions, diamonds used, equipment operator, etc.

ESTIMATED PRODUCTION

DATA FOR SHIPPING

Volume Packaging
3,80 m³
Size Packaging
200x160x120 cm
Weight Packaging
1340 Kg

TECHNICAL DATA

MODEL	Motor	Volt	Hertz	Amp	Speed tools	Working Width	Pressure Work	Tools Size	Water Tank	Dimensions WxHxD cm	Weight
EXPANDER 1000 SX	25 HP	380-480	50/60	35	300-1300 rpm	1000mm	500-1200Kg	6x240mm	46 lt	170x150x105	1313 Kg
EXPANDER 1000 RX	25 HP	380-480	50/60	35	300-1300 rpm	1000mm	500-1200Kg	6x240mm	46 lt	170x150x105	1313 Kg
EXPANDER 1000 AT	25 HP	380-480	50/60	35	300-1300 rpm	1000mm	500-1200Kg	6x240mm	46 lt	170x150x105	1313 Kg



Suitable for heavy-duty use



Front wheel for transport



Adjustable work pressure

EXPANDER 999

Pursuing the top for less



Led lights



No belt to break



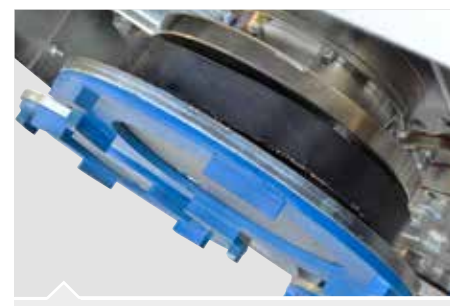
Remote control easy, smart and safe



Auto-Levelling Planetary System



Water tube connection



Anti-Shock System



RADIO CONTROL AND WIRE COMMAND INCLUDED



RX version: Standard radio and wire control
SX version: Standard wire control and optional radio control
AT version: Standard advanced radio and wire control

EXPANDER 999, with the powerful 6-head planetary and a brand new more compact and lightweight frame. The 6 offset rotating heads guarantee perfect flatness of the polished surface and the perfect machine balance.

- Easy to transport thanks to the on board batteries, even on steep ramps.
- The new frame guarantees smaller overall dimensions and less weight for the load on the van.
- Working with radio control guarantees increased productivity for the operator thereby reducing stress and fatigue thanks to the absence of vibrations.
- The automatic shift allows the operator to easily perform all the supporting activities.
- Helical and very quiet gears made of thermo-hardened steel
- Electronically adjustable planetary pressure.
- New version with Autopilot system.

Superconcrete 7 step	40-45m ² /h
Concrete Grinding 1 step	160-220m ² /h
Terrazzo Polishing 5 step	40-45m ² /h
Resin Removing 1 step	200-300m ² /h
Varnish Removing 1 step	200-300m ² /h
Marble Polishing 5 step	30-50m ² /h
Granite Polishing 7 step	20-30m ² /h

*Production numbers may vary according to surface conditions, diamonds used, equipment operator, etc.

ESTIMATED PRODUCTION

DATA FOR SHIPPING

Volume Packaging 3,80 m³
 Size Packaging 200x160x120 cm
 Weight Packaging 980 Kg

TECHNICAL DATA

MODEL	Motor	Volt	Hertz	Amp	Speed tools	Working Width	Tools Size	Water Tank	Dimensions WxHxD cm	Weight
EXPANDER 999 SX	25 HP	380-480	50/60	35	300-1300 rpm	1000mm	6x240mm	46 lt	215x168x105	950 Kg
EXPANDER 999 RX	25 HP	380-480	50/60	35	300-1300 rpm	1000mm	6x240mm	46 lt	215x168x105	950 Kg
EXPANDER 999 AT	25 HP	380-480	50/60	35	300-1300 rpm	1000mm	6x240mm	46 lt	215x168x105	950 Kg



Adjustable working pressure



New frame



Powerful motors

EXPANDER 950SX-RX-AT

Remote-control planetary grinding machine with variable speed and adjustable working pressure.



REMOTE-CONTROLLED



Expander 950: Big grinding machine with remote control designed to work on large area.

Main features: With the included remote control it is possible to control all the working functions such as: • Speed and directions of the machine. • Speed of the planetary. • Planetary turning directions. • Control of grinding head pressure. • Drift control. • Emergency safety stop.

Additional features: • Working width 950 mm with 3 large size 340 mm tools. • Speed of tools ranging from 300 to 1300 rpm. • Automatic adjustment of the working pressure. • Strong gear box with thermo-hardened steel gears for a longer life. • Adjustable inclination of the Planetary to allow a bigger frontal cutting. • No noise during the work. • Third insertable front wheel for easy transport and to load into the van. • Battery powered for independent tractions when unplugged. • Auto levelling Planetary System. • To prevent working emergencies the machine is engineered to be driven manually using the included handle and unlocking traction wheels.

Superconcrete 7 step	30-35m ² /h
Concrete Grinding 1 step	100-130m ² /h
Terrazzo Polishing 5 step	35-45m ² /h
Resin Removing 1 step	150-180m ² /h
Varnish Removing 1 step	150-180m ² /h
Marble Polishing 5 step	25-35m ² /h
Granite Polishing 7 step	15-20m ² /h

*Production numbers may vary according to surface conditions, diamonds used, equipment operator, etc.

ESTIMATED PRODUCTION

DATA FOR SHIPPING

Volume Packaging
2,75 m³
Size Packaging
160x160x110 cm
Weight Packaging
510 Kg

TECHNICAL DATA

MODEL	Motor	Drive Inverter	Volt	Hertz	Amp	Speed tools	Working Width	Tools Size	Water Tank	Dimensions WxHxD cm	Weight
EXPANDER 950 RX	25 HP	18,5 KW	380-480	50/60	32	300-1300 rpm	950mm	3x340mm	46 lt	150x150x95	484 Kg
EXPANDER 950 RX	25 HP	18,5 KW	380-480	50/60	32	300-1300 rpm	950mm	3x340mm	46 lt	150x150x95	484 Kg
EXPANDER 950 RX	25 HP	18,5 KW	380-480	50/60	32	300-1300 rpm	950mm	3x340mm	46 lt	150x150x95	484 Kg



Adjustable working pressure



Self powered transport system



Tool size 340mm

EXPANDER 950

Planetary floor grinder with variable speed and adjustable working pressure.



Expander 950: Big grinding machine designed to work on large area.

Main features:

- Working width 950 mm with 3 large size 340 mm tools.
- Speed of tools ranging from 300 to 1300 rpm.
- Automatic adjustment of the working pressure.
- Strong gear box with thermo-hardened steel gears for a longer life.
- Adjustable inclination of the Planetary to allow a bigger frontal cutting.
- No noise during the work.
- Third insertable front wheel for easy transport and to load into the van.
- Auto levelling Planetary System.

Superconcrete 7 step:	30-35m ² /h
Concrete Grinding 1 step	100-130m ² /h
Terrazzo Polishing 5 step	35-45m ² /h
Resin Removing 1 step	150-180m ² /h
Varnish Removing 1 step	150-180m ² /h
Marble Polishing 5 step	25-35m ² /h
Granite Polishing 7 step	15-20m ² /h

*Production numbers may vary according to surface conditions, diamonds used, equipment operator, etc.

ESTIMATED PRODUCTION

DATA FOR SHIPPING

Volume Packaging
2,75 m³
Size Packaging
160x160x110 cm
Weight Packaging
460 Kg

TECHNICAL DATA

MODEL	Motor	Drive Inverter	Volt	Hertz	Amp	Speed tools	Working Width	Tools Size	Water Tank	Dimensions WxHxD cm	Weight
EXPANDER 950	25 HP	18,5 KW	380-480	50/60	32	300-1300 rpm	950mm	3x340mm	46 lt	150x150x95	421 Kg



Full metal gear box



Third front wheel



Intuitive control panel

EXPANDER 850SX-RX-AT

Remote-control planetary grinding machine with variable speed and adjustable working pressure.



Remote controlled grinding and polishing machine for medium-big sized surfaces available into two versions of 20 and 25 HP.

Main features: With the included remote control it is possible to control all the working functions such as: • Speed and directions of the machine. • Speed of the planetary. • Planetary turning directions. • Control of grinding head pressure. • Drift control. • Emergency safety stop.

Additional features: • Working width 850 mm with 3 large size 240 mm tools. • Speed of tools ranging from 300 to 1300 rpm. • Automatic adjustment of the working pressure. • Strong gear box with thermo-hardened steel gears for a longer life. • Adjustable inclination of the Planetary to allow a bigger frontal cutting. • No noise during the work. • Third insertable front wheel for easy transport and to load into the van. • Battery powered for independent tractions when unplugged. • Auto levelling Planetary System. • To prevent working emergencies the machine is engineered to be driven manually using the included handle and unlocking traction wheels.

Superconcrete 7 step	25-30m ² /h
Concrete Grinding 1 step	100-130m ² /h
Terrazzo Polishing 5 step	30-40m ² /h
Resin Removing 1 step	100-150m ² /h
Varnish Removing 1 step	100-150m ² /h
Marble Polishing 5 step	20-30m ² /h
Granite Polishing 7 step	10-15m ² /h

*Production numbers may vary according to surface conditions, diamonds used, equipment operator, etc.

ESTIMATED PRODUCTION

DATA FOR SHIPPING

Volume Packaging	2,75 m ³
Size Packaging	160x160x110 cm
Weight Packaging	510 Kg

TECHNICAL DATA

MODEL	Motor	Drive Inverter	Volt	Hertz	Amp	Speed tools	Working Width	Tools Size	Water Tank	Dimensions WxHxD cm	Weight
EXPANDER 850 SX	20 HP	15 KW	380-480	50/60	32	300-1300 rpm	850mm	3x240mm	46 lt	150x1505x95	474 Kg
EXPANDER 850 RX	20 HP	15 KW	380-480	50/60	32	300-1300 rpm	850mm	3x240mm	46 lt	150x150x95	474 Kg
EXPANDER 850 AT	20 HP	15 KW	380-480	50/60	32	300-1300 rpm	850mm	3x240mm	46 lt	150x1505x95	474 Kg
EXPANDER 850 RX	25 HP	18,5 KW	380-480	50/60	32	300-1300 rpm	850mm	3x240mm	46 lt	150x150x95	484 Kg
EXPANDER 850 RX	25 HP	18,5 KW	380-480	50/60	32	300-1300 rpm	850mm	3x240mm	46 lt	150x1505x95	484 Kg
EXPANDER 850 RX	25 HP	18,5 KW	380-480	50/60	32	300-1300 rpm	850mm	3x240mm	46 lt	150x150x95	484 Kg



Remote-controlled



Self powered transport system



Powerful traction motors

EXPANDER 850

Planetary floor grinder with variable speed and adjustable working pressure.



Expander 850: Floor grinding and polishing machine for medium and big sized surfaces available into two versions of 20 and 25 HP.

Main features:

- Working width 850 mm with 3 large size 240 mm tools.
- Speed of tools ranging from 300 to 1300 rpm.
- Automatic adjustment of the working pressure.
- Strong gear box with thermo-hardened steel gears for a longer life.
- Adjustable inclination of the Planetary to allow a bigger frontal cutting.
- No noise during the work.
- Third insertable front wheel for easy transport and to load into the van.
- Auto levelling Planetary System.

Superconcrete 7 step	25-30m ² /h
Concrete Grinding 1 step	100-130m ² /h
Terrazzo Polishing 5 step	30-40m ² /h
Resin Removing 1 step	100-150m ² /h
Varnish Removing 1 step	100-150m ² /h
Marble Polishing 5 step	20-30m ² /h
Granite Polishing 7 step	10-15m ² /h

*Production numbers may vary according to surface conditions, diamonds used, equipment operator, etc.

ESTIMATED PRODUCTION

DATA FOR SHIPPING

Volume Packaging
2,75 m³
Size Packaging
160x160x110 cm
Weight Packaging
460 Kg

TECHNICAL DATA

MODEL	Motor	Drive Inverter	Volt	Hertz	Amp	Speed tools	Working Width	Tools Size	Water Tank	Dimensions WxHxD cm	Weight
EXPANDER 850	20 HP	15 KW	380-480	50/60	32	300-1300 rpm	850mm	3x240mm	46 lt	150x150x95	441 Kg
EXPANDER 850	25 HP	18,5 KW	380-480	50/60	32	300-1300 rpm	850mm	3x240mm	46 lt	150x150x95	451 Kg



Full metal gear box



Adjustable and removable handle



Intuitive control panel

EXPANDER 750SX-RX-AT

Remote-control planetary grinding machine with variable speed and adjustable working pressure.



Expander 750: Remote controlled grinding and polishing machine for medium and big sized surfaces available into two versions of 15 and 20 HP.

Main features: With the included remote control it is possible to control all the working functions such as: • Speed and directions of the machine. • Speed of the planetary. • Planetary turning directions. • Control of grinding head pressure. • Drift control. • Emergency safety stop. **Additional features:** • Working width 750 mm with 3 large size 240 mm tools. • Speed of tools ranging from 300 to 1300 rpm. • Automatic adjustment of the working pressure. • Strong gear box with thermo-hardened steel gears for a longer life. • Adjustable inclination of the Planetary to allow a bigger frontal cutting. • No noise during the work. • Third insertable front wheel for easy transport and to load into the van. • Battery powered for independent tractions when unplugged. • Auto levelling Planetary System. • To prevent working emergencies the machine is engineered to be driven manually using the included handle and unlocking traction wheels.

TECHNICAL DATA

MODEL	Motor	Drive Inverter	Volt	Hertz	Amp	Speed tools	Working Width	Tools Size	Water Tank	Dimensions WxHxD cm	Weight
EXPANDER 750 SX	15 HP	15 KW	380-480	50/60	25	300-1300 rpm	750mm	3x240mm	46 lt	145x145x80	413 Kg
EXPANDER 750 RX	15 HP	15 KW	380-480	50/60	25	300-1300 rpm	750mm	3x240mm	46 lt	145x145x80	413 Kg
EXPANDER 750 AT	15 HP	15 KW	380-480	50/60	25	300-1300 rpm	750mm	3x240mm	46 lt	145x145x80	413 Kg
EXPANDER 750 RX	20 HP	15 KW	380-480	50/60	25	300-1300 rpm	750mm	3x240mm	46 lt	145x145x80	423 Kg
EXPANDER 750 RX	20 HP	15 KW	380-480	50/60	25	300-1300 rpm	750mm	3x240mm	46 lt	145x145x80	423 Kg
EXPANDER 750 RX	20 HP	15 KW	380-480	50/60	25	300-1300 rpm	750mm	3x240mm	46 lt	145x145x80	423 Kg

Superconcrete 7 step	25-30m ² /h
Concrete Grinding 1 step	100-130m ² /h
Terrazzo Polishing 5 step	30-40m ² /h
Resin Removing 1 step	100-150m ² /h
Varnish Removing 1 step	100-150m ² /h
Marble Polishing 5 step	20-30m ² /h
Granite Polishing 7 step	9-12m ² /h

*Production numbers may vary according to surface conditions, diamonds used, equipment operator, etc.

ESTIMATED PRODUCTION

DATA FOR SHIPPING

Volume Packaging
1,80 m³
Size Packaging
150x145x85 cm
Weight Packaging
457 Kg



Remote-controlled



Full metal gear box



Powerful traction motors

EXPANDER 750

Planetary floor grinder with variable speed and adjustable working pressure.



Expander 750 with 750 mm working section is the most versatile and selling machine among the Expander series. It is available into two versions of 15 and 20 HP.

Main features:

- Working width 750 mm with 3 large size 240 mm tools.
- Speed of tools ranging from 300 to 1300 rpm.
- Automatic adjustment of the working pressure.
- Strong gear box with thermo-hardened steel gears for a longer life.
- Adjustable inclination of the Planetary to allow a bigger frontal cutting.
- No noise during the work.
- Third insertable front wheel for easy transport and to load into the van.
- Auto levelling Planetary System.

Superconcrete 7 step	25-30m ² /h
Concrete Grinding 1 step	100-130m ² /h
Terrazzo Polishing 5 step	30-40m ² /h
Resin Removing 1 step	100-150m ² /h
Varnish Removing 1 step	100-150m ² /h
Marble Polishing 5 step	20-30m ² /h
Granite Polishing 7 step	9-12m ² /h

*Production numbers may vary according to surface conditions, diamonds used, equipment operator, etc.

ESTIMATED PRODUCTION

DATA FOR SHIPPING

Volume Packaging
1,80 m³
Size Packaging
150x145x85 cm
Weight Packaging
394 Kg

TECHNICAL DATA

MODEL	Motor	Drive Inverter	Volt	Hertz	Amp	Speed tools	Working Width	Tools Size	Water Tank	Dimensions WxHxD cm	Weight
EXPANDER 750	15 HP	15 KW	380-480	50/60	25	300-1300 rpm	750mm	3x240mm	46 lt	145x145x80	350 Kg
EXPANDER 750	20 HP	15 KW	380-480	50/60	25	300-1300 rpm	750mm	3x240mm	46 lt	145x145x80	360 Kg



Full metal gear box



Adjustable and removable handle



Intuitive control panel

EXPANDER 650SX-RX-AT

Remote-control planetary grinding machine with variable speed and adjustable working pressure.



Expander 650: Remote controlled grinding and polishing machine for medium sized surfaces available into two versions of 10 and 15 HP.

Main features: With the included remote control it is possible to control all the working functions such as: • Speed and directions of the machine. • Speed of the planetary. • Planetary turning directions. • Control of grinding head pressure. • Drift control. • Emergency safety stop. **Additional features:** • Working width 650 mm with 3 large size 240 mm tools. • Speed of tools ranging from 300 to 1300 rpm. • Automatic adjustment of the working pressure. • Strong gear box with thermo-hardened steel gears for a longer life. • Adjustable inclination of the Planetary to allow a bigger frontal cutting. • No noise during the work. • Third insertable front wheel for easy transport and to load into the van. • Battery powered for independent tractions when unplugged. • Auto levelling Planetary System. • To prevent working emergencies the machine is engineered to be driven manually using the included handle and unlocking traction wheels.

Superconcrete 7 step:	20-25 m ² /h
Concrete Grinding 1 step	50-100m ² /h
Terrazzo Polishing 5 step	20-30m ² /h
Resin Removing 1 step	80-120m ² /h
Varnish Removing 1 step	80-120m ² /h
Marble Polishing 5 step	12-25m ² /h
Granite Polishing 7 step	8-10m ² /h

*Production numbers may vary according to surface conditions, diamonds used, equipment operator, etc.

ESTIMATED PRODUCTION

DATA FOR SHIPPING

Volume Packaging	1,80 m ³
Size Packaging	150x145x85 cm
Weight Packaging	385 Kg

TECHNICAL DATA

MODEL	Motor	Drive Inverter	Volt	Hertz	Amp	Speed tools	Working Width	Tools Size	Water Tank	Dimensions WxHxD cm	Weight
EXPANDER 650 SX	10 HP	11 KW	380-480	50/60	25	300-1300 rpm	750mm	3x240mm	46 lt	140x145x68	320 Kg
EXPANDER 650 RX	10 HP	11 KW	380-480	50/60	25	300-1300 rpm	750mm	3x240mm	46 lt	140x145x68	320 Kg
EXPANDER 650 AT	10 HP	11 KW	380-480	50/60	25	300-1300 rpm	750mm	3x240mm	46 lt	140x145x68	320 Kg
EXPANDER 650 RX	15 HP	11 KW	380-480	50/60	25	300-1300 rpm	750mm	3x240mm	46 lt	140x145x68	370 Kg
EXPANDER 650 RX	15 HP	11 KW	380-480	50/60	25	300-1300 rpm	750mm	3x240mm	46 lt	140x145x68	370 Kg
EXPANDER 650 RX	15 HP	11 KW	380-480	50/60	25	300-1300 rpm	750mm	3x240mm	46 lt	140x145x68	370 Kg



240mm tools size



Full metal gear box



Adjustable working pressure

EXPANDER 650

Planetary floor grinder with variable speed and adjustable working pressure.



Expander 650 with 650 mm working section for medium sized surfaces. It is available into two versions of 10 and 15 HP.

Main features:

- Working width 650 mm with 3 large size 240 mm tools.
- Speed of tools ranging from 300 to 1300 rpm.
- Automatic adjustment of the working pressure.
- Strong gear box with thermo-hardened steel gears for a longer life.
- Adjustable inclination of the Planetary to allow a bigger frontal cutting.
- No noise during the work.
- Third insertable front wheel for easy transport and to load into the van.
- Auto levelling Planetary System.

Superconcrete 7 step:	20-25 m ² /h
Concrete Grinding 1 step	50-100m ² /h
Terrazzo Polishing 5 step	20-30m ² /h
Resin Removing 1 step	80-120m ² /h
Varnish Removing 1 step	80-120m ² /h
Marble Polishing 5 step	12-25m ² /h
Granite Polishing 7 step	8-10m ² /h

*Production numbers may vary according to surface conditions, diamonds used, equipment operator, etc.

ESTIMATED PRODUCTION

DATA FOR SHIPPING

Volume Packaging
1,80 m³
Size Packaging
150x145x85 cm
Weight Packaging
345 Kg

TECHNICAL DATA

MODEL	Motor	Drive Inverter	Volt	Hertz	Amp	Speed tools	Working Width	Tools Size	Water Tank	Dimensions WxHxD cm	Weight
EXPANDER 650	10 HP	11 KW	380-480	50/60	25	300-1300 rpm	750mm	3x240mm	46 lt	140x145x68	320 Kg
EXPANDER 650	15 HP	11 KW	380-480	50/60	25	300-1300 rpm	750mm	3x240mm	46 lt	140x145x68	330 Kg



Full metal gear box



Adjustable and removable handle



Intuitive control panel

EXPANDER 530Propane

Propane floor grinder
with patented MONO-ROTATING planetary.



Klindex propane powered grinding and polishing machine with patented geared mono-rotating planetary system. Expander 530 Propane combines performance and reliability of Klindex grinding and polishing machines with the flexibility of propane motor. Propane Expander 530 allows independence from generators or power lines. This robust grinder combines hits weight with a working section of 530mm, providing high productivity rates and constant performances. **Main advantages:** • No performance drop and loss of time caused by the power grid. • Very aggressive tanks to the mono-rotating planetary. • Free from the hassle and costs of extension cords in the yard. • No need of generator. • Accurate and reliable adjustable planetary speed. • Low operating vibrations. • Light and easy to maneuver. • Ideal for both indoor and outdoor applications. • Dry or wet grinding. • Standard water tank 46 litres. • Tempered steel gear transmission.

Recommended batteries: battery 12V 550 ACC Class.

Superconcrete 7 step:	12-17 m ² /h
Concrete Grinding 1 step	50-90m ² /h
Terrazzo Polishing 5 step	12-17m ² /h
Resin Removing 1 step	50-70m ² /h
Varnish Removing 1 step	50-70m ² /h

*Production numbers may vary according to surface conditions, diamonds used, equipment operator, etc.

ESTIMATED PRODUCTION

DATA FOR SHIPPING

Volume Packaging
0,73 m³
Size Packaging
120x80x75 cm
Weight Packaging
275 Kg

TECHNICAL DATA

MODEL	Motor	Power	Propane tank	Speed tools	Working Width	Tools Size	Water Tank	Dimensions WxHxD cm	Weight
EXPANDER 530 Propane	Kawasaki FS603V	12,7 KW	9Kg/20lbs	500-1000rpm	530mm	3x240mm	46 lt	120x125x60 cm	255 Kg



240mm tools size



Powerful motor



Intuitive control panel

EXPANDER 530-580

Floor grinder with planetary counter-rotating and variable speed.



Expander with 580 mm and 530 mm working section for medium sized surfaces.

Main features: • Working width 580 with 3 large size 240 mm tools or 530 with 3 large size 200 mm tools • Speed of tools ranging from 300 to 1300 rpm. • Strong gear box with thermo-hardened steel gears for a longer life. • No noise during the work. • Auto levelling Planetary System.

	530	580
Superconcrete 7 step:	10-12 m ² /h	10-15 m ² /h
Concrete Grinding 1 step	40-70 m ² /h	40-80 m ² /h
Terrazzo Polishing 5 step	9-12 m ² /h	9-15 m ² /h
Resin Removing 1 step	40-70 m ² /h	40-80 m ² /h
Varnish Removing 1 step	40-70 m ² /h	40-80 m ² /h
Marble Polishing 5 step	7-10 m ² /h	7-12 m ² /h
Granite Polishing 7 step	5-7 m ² /h	5-7 m ² /h

*Production numbers may vary according to surface conditions, diamonds used, equipment operator, etc.

ESTIMATED PRODUCTION

DATA FOR SHIPPING

Volume Packaging
1,80 m³
Size Packaging
150x145x85 cm
Weight Packaging
180 Kg

TECHNICAL DATA

MODEL	Motor	Drive Inverter	Volt	Hertz	Speed tools	Working Width	Tools Size	Water Tank	Dimensions WxHxD cm	Weight
EXPANDER 530	2900 Watt max	--	220-240	50/60	900 rpm	530mm	3x200mm	18 lt	118x125x57	135 Kg
EXPANDER 530 VS	3000 Watt max	--	220-240	50/60	300-1300 rpm	530mm	3x200mm	18 lt	118x125x57	145 Kg
EXPANDER 530 T4	4 HP	--	380	50/60	900 rpm	530mm	3x200mm	18 lt	118x125x57	135 Kg
EXPANDER 530 VS T4	4 HP	--	380	50/60	300-1300 rpm	530mm	3x200mm	18 lt	118x125x57	145 Kg
EXPANDER 530 VS T5	5,5 HP	--	380	50/60	300-1300 rpm	530mm	3x200mm	18 lt	118x125x57	145 Kg
EXPANDER 580 T5	5,5 HP	5 KW	380-480	50/60	300-1300 rpm	580mm	3x240mm	18 lt	118x125x63	155 Kg
EXPANDER 580 T7	7 HP	7,5 KW	380-480	50/60	300-1300 rpm	580mm	3x240mm	18 lt	118x125x63	165 Kg



Expander 580



Easy to disassembly



Intuitive control panel

Klindex SLFF "SUPER LASER FLAT FLOOR" Auto Levelling floor with Laser System

START



FINISH



The easiest and most accurate way to achieve a planar surface.

The system Klindex SLFF consists of a rotating laser and a signal receiver mounted on the grinder. The system automatically controls the pressure of the machine when grinding. "The receiver axially mounted on the planetary improves the accuracy of the planarity."

ADVANTAGES:

- One can level a surface in a very simple and effective way.
- Extraordinary saving of time and energy.
- Environmentally friendly because the floor does not require additional coatings.
- Impressive quality-price ratio.
- Perfect for warehouses with high shelving.



Klindex "SLFF"



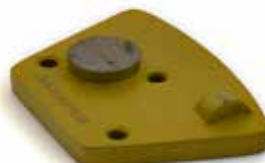
BUSH HAMMER

special tool for many applications.



SANDBLASTING

for Blasting Effect.



PDC SCRAPER

to remove thick rubbery material and coating on floor.



PDC SUPER SKRAPER

to remove thick rubbery material and coating on floor.



BT00 ARROW

thin resin/paint removal on hard concrete.



BT SERIES

for effective grinding and removing resin, glue and varnish.



TCK DA00 SERIES

levelling, coating removal on concrete.



DA SERIES

for medium abrasive concrete.



CD SERIES

for medium hard concrete.



CA SERIES

for abrasive concrete.



CF SERIES

for asphalt and very abrasive concrete.



CS SERIES

for polished Superconcrete® process.



TRAPEZOID SERIES



SPRING HOLD SYSTEM

for grinding and polishing concrete floors.



JUMPER GREEN SERIES

for polished concrete.



MS SERIES

for grinding marble floors.



MK YELLOW SERIES

for polishing marble.



MTS SERIES

for grinding travertine, terrazzo, limestone, agglomerate and abrasive marbles.



ORANGE SERIES

for polishing terrazzo, limestone and abrasive marble floors.



GS SERIES

for grinding granite.



GK RED SERIES

for polishing granite.



PAVELUX SERIES

for removing mastic and grinding abrasive marbles or granites.



ANTIKE BRUSH SERIES

to produce an antique look on stone floors.



EASY KIT

Complete Kit for Grinding and Polishing.

KlindexDemo

Calling the number **+39 085 859546** it is possible to book a **demonstration** at your headquarters or your working site.

Klindex® always close to its customers!



Your local distributor:

