Floor Grinders
Floor Grinding Machines

Expander 1000 Top
- 6 grinding heads
- Adjustable pressure
- Control check panel
- Third front wheel
- Heavy duty applications

Expander 1000 HD
- Full metal gear box
- Radio remote control
- Telescopic frame
- Quick attach tools system
- Antishok system

Expander 850
- Adjustable pressure
- Third front wheel
- Intelligent control panel
- New powerful inverter control
- Heavy duty applications

Herculers 470/530/580

Levighetor Max 530

Levighetor 650

Expander 1000 Top/HD

Expander 650/750/850
Expander 750
Expander 650
Levigetor Max SC 530
Levigetor 645
Levigetor 640
Rotoklin 320/400
Levigetor Max/Max Sc 530
Hercules 470/530/580

- Adjustable Pressure
- Antishok System
- New Quick Release Handle
- Quick Attach Tools System
- New HD Full Metal Gear Box
- Intelligent Control Panel
- New Powerful Inverter Control
- Heavy Duty Applications
- Very Strong Grinding Head
- New Powerful Inverter Control
- Intelligent Control Panel
- New Quick Release Handle
- Quick Attach Tools System
- Heavy Duty Applications
- Antishok System
EXPANDER 1000 TOP is the only grinding machine in the world with 6 (not lined up) grinding heads (Klindex Patent) that allows a perfect planarity of the surface and a perfect balance of the machine during the work. It is the ideal machine for working in commercial and industrial areas. Main characteristics: Innovative electronic system to change tools (patented). Simply pushing button, the “grinding head” rotates of 90° allowing a fast and easy change of tools. Telescopic frame to reduce the dimensions for more maneuverability in narrow areas. Strong gear box with thermo-treated steel gears for a longer life. Adjustable working pressure from 500 up to 1250 kg. Adjustable inclination of the Planetarium to allow a bigger frontal cutting. “Drive on” operator to work without getting tired. Multidirectional joy-stick and Remote Control (optional) for an easy work. Maximum silence during the work. Third extractable front wheel for easy transportation and to climb into the van. Automatic traction with battery on board to move the machine without power generator.

**TECHNICAL DATA**

<table>
<thead>
<tr>
<th>Model</th>
<th>Max Power</th>
<th>Volt</th>
<th>Grinding Disc Speed rpm</th>
<th>Working Width</th>
<th>Tools</th>
<th>Water Tank</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>EXPANDER 1000 TOP/20</td>
<td>20 HP</td>
<td>3-phase</td>
<td>300-1300</td>
<td>1000mm (42&quot;)</td>
<td>6x240mm (9,5&quot;)</td>
<td>46 lt</td>
<td>1200 Kg</td>
</tr>
<tr>
<td>EXPANDER 1000 TOP/25</td>
<td>25 HP</td>
<td>3-phase</td>
<td>300-1300</td>
<td>1000mm (42&quot;)</td>
<td>6x240mm (9,5&quot;)</td>
<td>46 lt</td>
<td>1400 Kg</td>
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</tbody>
</table>

EXPANDER 1000 HD is also available in HD version. The HD model has the same motor and Planetary gears of the TOP model. The only differences are: Fixed frame (not telescopic as in Top model). Head upsetting for tool change takes place by means of a hydraulic pump operated manually and not electronically as in the Top model. The REMOTE CONTROL to drive the machine remotely is available (optional). All other functions including adjustable pressure, adjustable feed speed and easy tool change system are standard. The robustness of the entire transmission built with Thermo hardened gears, the tapered roller bearings, the powerful engine, the sturdy frame, the third front wheel and the easy use make EXPANDEDR HD 1000 the most reliable machine for grinding and polishing works even on very uneven floors.

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<th>Water Tank</th>
<th>Weight</th>
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<tbody>
<tr>
<td>EXPANDER 850 HD (20HP)</td>
<td>20 HP</td>
<td>15 kw</td>
<td>3-phase</td>
<td>300-1300</td>
<td>850mm (33,5&quot;)</td>
<td>3x240mm (9,5&quot;)</td>
<td>46 lt</td>
</tr>
<tr>
<td>EXPANDER 850 HD (25HP)</td>
<td>25 HP</td>
<td>18,5 kw</td>
<td>3-phase</td>
<td>300-1300</td>
<td>850mm (33,5&quot;)</td>
<td>3x240mm (9,5&quot;)</td>
<td>46 lt</td>
</tr>
<tr>
<td>EXPANDER 850 HD US (20HP)</td>
<td>20 HP</td>
<td>15 kw</td>
<td>3-phase</td>
<td>300-1300</td>
<td>850mm (33,5&quot;)</td>
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<td>18,5 kw</td>
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After the International success of EXPANDER 750, Klindex has decided to produce a similar model but with a bigger motor 20 or 25 HP and a larger working section for better performance in large areas. All the other excellent technical characteristics of Expander 750 are maintained in the new bigger Expander 850.

- Variable speed 300-1300.
- Adjustable working pressure. • Gear box planetary system.
- Third wheel for easy transport. • Very compact to easily move.

**TECHNICAL DATA**

<table>
<thead>
<tr>
<th>Model</th>
<th>Max Power</th>
<th>Drive Inverter</th>
<th>Volt</th>
<th>Grinding Disc Speed rpm</th>
<th>Working Width</th>
<th>Tools</th>
<th>Water Tank</th>
<th>Weight</th>
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<tr>
<td>EXPANDER 850 HD (20HP)</td>
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<td>15 kw</td>
<td>3-phase</td>
<td>300-1300</td>
<td>850mm (33,5&quot;)</td>
<td>3x240mm (9,5&quot;)</td>
<td>46 lt</td>
<td>380 Kg</td>
</tr>
<tr>
<td>EXPANDER 850 HD (25HP)</td>
<td>25 HP</td>
<td>18,5 kw</td>
<td>3-phase</td>
<td>300-1300</td>
<td>850mm (33,5&quot;)</td>
<td>3x240mm (9,5&quot;)</td>
<td>46 lt</td>
<td>390 Kg</td>
</tr>
<tr>
<td>EXPANDER 850 HD US (20HP)</td>
<td>20 HP</td>
<td>15 kw</td>
<td>3-phase</td>
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<td>850mm (33,5&quot;)</td>
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</table>
**Expander 750**

The very best for grinding, honing, polishing and bush-Hammering of large marble, granite, terrazzo and concrete floors! Expander tackles large commercial floors like no other machines before! Its patented planetary system driven not by belts but by tempered-steel gears, sets expander in a league of its own over the competition. Thanks to this exclusive technology, it is the only machine of its kind with an adjustable pressure feature. Nothing is a challenge for expander! It has a powerful 15 or 20 HP motor and works comfortably even in smaller areas. Patented planetary system 750mm (30’), Electric actuator to adjust the working pressure and adjust the elevation of the machine’s head.

**Expander 650**

EXPANDER 650, available with 10 or 15 hp motor, owns all the characteristics of EXPANDER 750 version but with a smaller job section (650 mm) and then it is able to work easily even in the tightest spaces.

**Key features:**
- Ergonomic machine control with 24 Volt push button.
- Sx or Dx rotation.
- Electronically adjustable working pressure.
- Variable speed 300-1300 rpm.
- Third front wheel for easy portability.
- Possibility to work dry or wet system.
- Quick Attack System to change tools.

**Levighetor Max SC 530**

LEVIGHETOR MAX SPEED CONTROL version has the advantages of the VARIABLE SPEED up to 1300 rpm and automatic regulations of working pressure. Ideal for grinding and polishing marble, terrazzo, granite and concrete, floor preparation, bush-Hammering, old glues and resins removal, and Superconcrete effect.
HERCULES is the new grinding and polishing machine with “counter rotating planetary”. Very easy to handle, reliable, strong and long-lasting. Thanks to the easy handling, Hercules is specially suitable to people that start working on floor treatment market. The productivity is extremely superior compared to any other machine built with “belt driver”.

**Levighetor Max 530**

For Heavy Duty Application

LEVIGHETOR MAX, is a performance and reliable floor grinding machine. Ideal for grinding and polishing marble, terrazzo, granite and concrete, floor preparation, bush Hammering, old glues and resins removal, and Superconcrete effect. Thanks to its “One-Way Rotating Planetary” with steel gears (Klindex patented) the productivity is increased 2-3 times compared to any similar machine with “belt driver”.

**Levighetor 650**

LEVIGHETOR 650 is the ideal machine for grinding and polishing medium-large areas. Thanks to Planetary K1500 with a 20’/500mm working section and 8’/200mm tools it is particularly fast for polishing large areas. Very stable and easy to use. It can fit tools 8’/200mm or 3’/75mm.
**Levighetor 645**

**Levighetor 645** is the evolution of the LEVIGHETOR 640. Thanks to its new Planetary K1200 and the new tools 5.5/140mm, the productivity is extremely increased. More aggressive, it grinds faster leaving a perfect planarity.

**Technological Data**

<table>
<thead>
<tr>
<th>Model</th>
<th>Max Power</th>
<th>Volt</th>
<th>Basic Speed rpm</th>
<th>Grinding Disc Speed rpm</th>
<th>Working Width</th>
<th>Tools</th>
<th>Water Tank</th>
<th>Weight with Drive Holder</th>
<th>Weight with Planetario Head</th>
</tr>
</thead>
<tbody>
<tr>
<td>LEVIGHETOR 645</td>
<td>4 HP</td>
<td>1-phase</td>
<td>155</td>
<td>1000</td>
<td>400mm (16&quot;)</td>
<td>3x140mm (5.5&quot;)</td>
<td>18 lt</td>
<td>64 Kg</td>
<td>100 Kg</td>
</tr>
<tr>
<td>LEVIGHETOR 645 VS</td>
<td>4 HP</td>
<td>1-phase</td>
<td>120-250</td>
<td>600-1300</td>
<td>400mm (16&quot;)</td>
<td>3x140mm (5.5&quot;)</td>
<td>18 lt</td>
<td>68 Kg</td>
<td>105 Kg</td>
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**Rotoklin 320/400**

**Rotoklin 320/400** is a special machine designed for: • Grinding very uneven floors before grinding with the classic grinding machines. • Removal of resins, varnishes and glues. • To smooth joints and uneven floors. • Bush-Hammering concrete and stone floors. • Grinding and polishing floors. • For fast exposing aggregate.

**Technical Data**

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<th>Water Tank</th>
<th>Weight with Drive Holder</th>
<th>Weight with Planetario Head</th>
</tr>
</thead>
<tbody>
<tr>
<td>ROTOKLIN 320</td>
<td>4 HP</td>
<td>1-phase</td>
<td>140</td>
<td>320mm (12&quot;)</td>
<td>1x320mm (12&quot;)</td>
<td>18 lt</td>
<td>77 Kg</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ROTOKLIN 400</td>
<td>7 HP</td>
<td>3-phase</td>
<td>300</td>
<td>400mm (16&quot;)</td>
<td>1x400mm (16&quot;)</td>
<td>18 lt</td>
<td>110 Kg</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ROTOKLIN 400 VS</td>
<td>7 HP</td>
<td>3-phase</td>
<td>700-1400</td>
<td>400mm (16&quot;)</td>
<td>1x400mm (16&quot;)</td>
<td>18 lt</td>
<td>120 Kg</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
**Floor Grinding Accessories**

**BUSH HAMMER**: is an exclusive special tool designed by Klindex for many applications.

**SANDBLASTING**: for Blasting Effect.

**SERIES PDC SCRAPER**: to remove thick rubbery material and coating on floor.

**SERIES PDC SUPER SCRAPER**: to remove thick rubbery material and coating on floor.

**SERIES BT00 ARROW**: thin resin/paint removal on hard concrete.

**SERIES BT**: for effective grinding and removing resin, glue and varnish.

**SERIES TCD DA00**: levelling, coating removal on concrete.

**SERIES DA**: for medium abrasive concrete.

**SERIES DT**: for medium hard concrete.

**SERIES DD**: for hard concrete.

**SERIES CA**: for abrasive concrete.

**SERIES CF**: for asphalt and very abrasive concrete.

**SERIES CS**: for polished superconcrete process.

**SERIES SPRING HOLD SYSTEM**: special device developed for grinding and polishing concrete floors.

**SERIES JUMPER GREEN**: manufactured for longer life and a better finish for polished concrete.

**SERIES MS**: for grinding marble floors.

**SERIES MK YELLOW**: for polishing marble.

**SERIES MTS**: for grinding travertine, terrazzo, limestone, agglomerate and abrasive marbles.

**SERIES ORANGE**: for polishing terrazzo, limestone and abrasive marble floors.

**SERIES GS**: for grinding granite.

**SERIES GK RED**: for polishing granite.

**SERIES PAVELUX**: for removing mastic and grinding any very abrasive marbles or granites.

**SERIES ANTKE BRUSH**: the best way to produce an antique look on stone floors.

**EASY KIT**: Complete Kit for Grinding and Polishing.

**THIRD WHEEL**: for LEVIGHETOR.

**SUPPLEMENTARY WEIGHTS**: for LEVIGHETOR.

**ABSORBER PAD HOLDER**: for grinding on very uneven concrete floors.

**PLATE**: ø240mm with 3 ATTACKS ø100mm-AS.

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**Your Local Distributor:**

**Klindex s.r.l.**

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