How the WATERSTONE® Technology works
Come funziona la Tecnologia WATERSTONE®

The Hydro Finish Technology permits to texture the surface of the stone, ONLY by high pressure water (2,000 Bar = 29,000 PSI). Four important elements define the degree of roughness:

- Working Pressure
- Distance of the nozzle from the material surface
- Working trolley and nozzle synchronized speeds

The perfect combination of these four parameters will create different smooth textures on the surface of the stone with different results for each specific material.

THE ADVANTAGES

- Exaltation of the natural color of the material (no yellowing)
- Variation of the roughness finish
- Environmentally friendly process with smoke, pollution and heat free
- Any material thickness (> 10 mm.) texturing process

Hydrofinish is the innovative finishing which works on the stone material surface by using a high pressure water jet. The process allows maintaining the original colour of the stone, selecting the degree of roughness to best suit the intended application and having this surface treatment applied to any stone thickness: these are just a few of the process advantages.

The degree of erosion, achieved through the various pressures available, creates different surface finishes which become even more unique and eye-catching thanks to the colourful patterns of natural stones.
DECORATIVE HYDROFINISH AND WATERJET CUTTING COMBINED SYSTEM
SISTEMA COMBINATO PER L’IDROFINITURA DECORATIVA E IL TAGLIO WATERJET

HIGH PRODUCTIVITY DECORATIVE HYDROFINISH AND TEXTURING SYSTEM
SISTEMA DI IDROFINITURA DECORATIVA AD ALTA PRODUTTIVITÀ
HYDROFINISH AND WATERJET CUTTING COMBINED TECHNOLOGY
TECNOLOGIA COMBINATA DI IDROFINITURA E TAGLIO CON GETTO D’ACQUA

5 axis cutting system ±55° with Hydro-Finish Device
Sistema per il taglio a 5 assi ±55° accoppiato al sistema di Idro-Finitura

Hydro-Finish Multiple Nozzle
Ugelli Multipli per Idro-Finitura

Waterjet Cutting Nozzle
Ugello Focalizzatore Waterjet

Decorative Hydro Finish Texture
Trattamento di Idro-Finitura decorativa

Marble Inlay Mosaic
Mosaico di Marmo
The equipment is able to cut all stone materials by an high pressure hydro-abrasive waterjet and to texture their surface by water only.

The equipment is able to cut all stone materials by an high pressure hydro-abrasive waterjet and to texture their surface by water only.

L’impianto permette di tagliare tutti i materiali lapidei mediante getto d’acqua idro-abrasivo ad alta pressione e di trattarli e decorarli superficialmente solo con getto d’acqua.
# HYDRO-FINISH HF 110 - 160

**Pump 110 -160 kW**

**Pompa 110 – 160 kW**

**HIGH PRODUCTIVITY DECORATIVE HYDROFINISH SYSTEM**

**SISTEMA DI IDROFINITURA DECORATIVA AD ALTA' PRODUTTIVITA**

<table>
<thead>
<tr>
<th>Option 1: 150 HP</th>
<th>Option 2: 220 HP</th>
</tr>
</thead>
<tbody>
<tr>
<td>110 kW</td>
<td>160 kW</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Dimensions</th>
<th>11’ x 6.5’ x 4’ h</th>
<th>19’ x 11’ x 8’ h</th>
</tr>
</thead>
<tbody>
<tr>
<td>3.300 mm x 2.000 mm x h 100 mm</td>
<td>4.000</td>
<td>9.000 lb</td>
</tr>
<tr>
<td>5.620 mm x 3.400 mm x h 2.330 mm</td>
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Hydro Finishing, Chiselling and Stripes

Idronitura, Scalpellatura e Rigatura
The innovative compact Brushstone™ System, can be placed after the traditional flaming or after the new Water Texturing system Waterstone™, in order to brush or bush-hammer automatically any kind of stone material after have been already surfacing pre-treated.

- n. 4 revolving heads
- n. 4 bush hammering tools
- ricirculating water: 80 lt/min
- electrical power: 23 kw
- compressed air: 6 bar

<table>
<thead>
<tr>
<th>BS 2100</th>
<th>Spazzolatura, Bocciardatura e Anticatura</th>
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</thead>
<tbody>
<tr>
<td>2.000 mm x 2.100 mm x h 100 mm</td>
<td>6’ x 7’ x 3/5’ h</td>
</tr>
<tr>
<td>2.250 mm x 3.000 mm x h 2.100 mm</td>
<td>7’ x 10’ x 7’ h</td>
</tr>
<tr>
<td>2.000</td>
<td>4.500 lb</td>
</tr>
<tr>
<td>120 HP</td>
<td>90 kW</td>
</tr>
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HYDRO-FINISH COMPLETE LINE WITH BRUSHING AND AUTOMATIC
LINEA COMPLETA DI IDROFINITURA CON SPAZZOLATURA E
AUTOMATIC LOADING TILTING TABLE WITH VACUUM CAPS
SISTEMA AUTOMATICO RIBALTABILE A VENTOSE
PER IL CARICO DELLE LASTRE
MOTORIZED TROLLEY
RULLIERA MOTORIZZATA
WATERSTONE HYDRO FINISH MACHINE
IMPIANTO WATERSTONE PER IDROFINITURA
SLAB LOADING AND UNLOADING SYSTEM
SISTEMA DI CARICO E SCARICO AUTOMATICO DELLE LASTRE

MOTORIZED INTERFACE TROLLEY
RULLIERA MOTORIZZATA DI INTERFACCIA

BRUSHING MACHINE
SPAZZOLatrice

MOTORIZED TROLLEY WITH BLOWER SYSTEM
RULLIERA MOTORIZZATA
CON SISTEMA DI ASCIUGATURA

AUTOMATIC UNLOADING TILTING TABLE
SISTEMA AUTOMATICO RIBALTABILE
PER LO SCARICO DELLE LASTRE
WATER TEXTURING / TRATTAMENTO DI SUPERFICIE CON ACQUA

RED MALIBÙ | GRANITE

HYDROFINISH “SOFT” (30 mq/h = 30 sqm/h = 340 sqf/h)

HYDROFINISH “MEDIUM” (25 mq/h = 25 sqm/h = 280 sqf/h)

HYDROFINISH “DEEP” (20 mq/h = 20 sqm/h = 225 sqf/h)

BROWN CHOCOLATE | GRANITE

HYDROFINISH “SOFT” (30 mq/h = 30 sqm/h = 340 sqf/h)

HYDROFINISH “MEDIUM” (25 mq/h = 25 sqm/h = 280 sqf/h)

HYDROFINISH “DEEP” (20 mq/h = 20 sqm/h = 225 sqf/h)
WATER TEXTURING / TRATTAMENTO DI SUPERFICIE CON ACQUA

GIALLO FARFALLA | GRANITE

HYDROFINISH “SOFT” (50 mq/h = 50 sqm/h = 550 sqf/h)

HYDROFINISH “MEDIUM” (40 mq/h = 40 sqm/h = 450 sqf/h)

HYDROFINISH “DEEP” (30 mq/h = 30 sqm/h = 340 sqf/h)

NEW CAMBRIAN BLACK | GRANITE

HYDROFINISH “SOFT” (30 mq/h = 30 sqm/h = 340 sqf/h)

HYDROFINISH “MEDIUM” (25 mq/h = 25 sqm/h = 280 sqf/h)

HYDROFINISH “DEEP” (20 mq/h = 20 sqm/h = 225 sqf/h)
DECORATIVE HYDROFINISH / IDROFINITURA DECORATIVA