### upcrete® Pump Station UPP 100/125

#### Technical data:

<table>
<thead>
<tr>
<th></th>
<th>UPP 100</th>
<th>UPP 125</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Power input:</strong></td>
<td>33 kW electric</td>
<td>48 kW electric</td>
</tr>
<tr>
<td>(with D23 E43 A)</td>
<td>directly at the pump</td>
<td>directly at the pump</td>
</tr>
<tr>
<td><strong>Complex duplex remote control with following options:</strong></td>
<td>On/Off</td>
<td>On/Off</td>
</tr>
<tr>
<td></td>
<td>Pre-selection of rotary speed</td>
<td>Pre-selection of rotary speed</td>
</tr>
<tr>
<td></td>
<td>Reverse switch</td>
<td>Reverse switch</td>
</tr>
<tr>
<td></td>
<td>Feedback signal on graphic display of remote control</td>
<td>Feedback signal on graphic display of remote control</td>
</tr>
<tr>
<td><strong>Capacity:</strong></td>
<td>22 m³/h</td>
<td>33 m³/h</td>
</tr>
<tr>
<td><strong>Pump tube:</strong></td>
<td>Ø 100 mm</td>
<td>Ø 125 mm</td>
</tr>
<tr>
<td><strong>Hopper volume:</strong></td>
<td>600 l</td>
<td>600 l</td>
</tr>
<tr>
<td><strong>Electrical drive:</strong></td>
<td>400 V / 50 Hz</td>
<td>400 V / 50 Hz</td>
</tr>
<tr>
<td><strong>Filling is possible via:</strong></td>
<td>Individual big reservoir (delivery via bucket, etc.)</td>
<td>Individual big reservoir (delivery via bucket, etc.)</td>
</tr>
<tr>
<td></td>
<td>Ready-mix concrete truck</td>
<td>Ready-mix concrete truck</td>
</tr>
<tr>
<td></td>
<td>Crane bucket</td>
<td>Crane bucket</td>
</tr>
<tr>
<td><strong>Filling height:</strong></td>
<td>1595 mm</td>
<td>1595 mm</td>
</tr>
<tr>
<td><strong>Dimensions:</strong></td>
<td>Length: approx. 2400 mm, Width: approx. 2270 mm, Height: approx. 1800 mm</td>
<td>Length: approx. 2600 mm, Width: approx. 2400 mm, Height: approx. 1800 mm</td>
</tr>
<tr>
<td><strong>Weight:</strong></td>
<td>approx. 5000 kg</td>
<td>approx. 5000 kg</td>
</tr>
</tbody>
</table>

**Further customization on demand!**

Prepared for temporary cleaning.
Maximum capacity and minimum pressure cannot be reached at the same time. All given data are maximum theoretical values.

#### RATEC program

- Shuttering magnets
- Shuttering systems
- Inserts & Insert Magnets
- Special shuttering
- upcrete® Pump Station

#### UPP 100/125. upcrete® Pump Station

To create complex, high-quality precast concrete elements whose sides are all smooth.

- Easy cleaning
- Sensible adjustment of capacity
- Adapted to the requirements of precast concrete factories

#### Technical changes reserved! www.ratec.org

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More information: [www.ratec.org](http://www.ratec.org)

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Prepared for temporary cleaning.
Maximum capacity and minimum pressure cannot be reached at the same time. All given data are maximum theoretical values.

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Technical data: UPP 100 UPP 125

- Power input:
  - 33 kW electric
  - Connector CEE 43 A directly at the pump

- Complex duplex remote control with following options:
  - On/Off
  - Pre-selection of rotary speed
  - Reverse switch
  - Feedback signal on graphic display of remote control

- Capacity: 22 m³/h

- Pump tube: Ø 100 mm

- Hopper volume: 600 l

- Electrical drive: 400 V / 50 Hz

- Filling is possible via:
  - Individual big reservoir (delivery via bucket, etc.)
  - Ready-mix concrete truck
  - Crane bucket

- Filling height: 1595 mm

- Dimensions:
  - Length: approx. 2400 mm
  - Width: approx. 2270 mm
  - Height: approx. 1800 mm

- Weight: approx. 5000 kg
Easy cleaning
The fast and easy cleaning is guaranteed by a lockable valve inside the pre-hopper. The swivelling pipe-bow installed as standard ensures easy accessibility and through this an extremely easy cleaning.

Modular pre-hopper
The pre-hopper is standardized delivered with 600 l volume. If required this can be replaced with pre-hopper up to 2000 l volume.

Integrated mixer
To avoid the setting down or separation of concrete the integrated mixer mixes the concrete once again before pumping process. The possible deformation of self-compacting-concrete (SCC) through the mixer reduces time and working process.

Automatic filling level display for residual concrete
Safe and reliable filling level display, which shows the remaining concrete volume. This guarantees high process reliability.

Remote control
For precise operation of the pump from flexible locations the very compact HBC Duplex remote control is available.

Interface for concrete supply
To undertake automatically concrete supply a fixed programmed interface with a plug is scope of delivery. This interface is able to communicate with a mixer and/or bucket conveyor.

Low-maintenance
The fixed installed central lubrication secures a continuously safe operation and long maintenance intervals.

Medium flexible use
The pump can be used for nearly every thisotrophic mediums through the given construction of the pump. This allows a flexible usage.

Low-maintenance
The fixed installed central lubrication secures a continuously safe operation and long maintenance intervals.

Standardized power-input
The 33 kW SEW-motor with a power-input of 63 A (UPP100) is exactly adapted to the standardized existing power connections of 63 A in each concrete factory.

Interface for concrete supply
To undertake automatically concrete supply a fixed programmed interface with a plug is scope of delivery. This interface is able to communicate with a mixer and/or bucket conveyor.

More information: www.ratec.org
### Technical data: UPP 100/125

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<th>Feature</th>
<th>UPP 100</th>
<th>UPP 125</th>
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<td>33 kW</td>
<td>48 kW</td>
</tr>
<tr>
<td><strong>Connector CEE</strong></td>
<td>63 A</td>
<td>125 A</td>
</tr>
<tr>
<td><strong>Pump tube:</strong></td>
<td>Ø 100 mm</td>
<td>Ø 125 mm</td>
</tr>
<tr>
<td><strong>Hopper volume:</strong></td>
<td>400 l</td>
<td>400 l</td>
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<td><strong>Electrical drive:</strong></td>
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Further customization on demand!

Prepared for temporary cleaning.

Maximal capacity and maximal pressure cannot be reached at the same time. All given data are maximum theoretical values.

WWW.UPP.100/125

**Shuttering systems**
**Shuttering magnets**
**Inserts & Insert Magnets**
**Upcrete® Pump Station**

**RATeC**
- Easy cleaning
- Sensible adjustment of capacity
- Adapted to the requirements of precast concrete factories

More information: www.ratec.org
Easy cleaning
The fast and easy cleaning is guaranteed by a lockable valve inside the pre-hopper. The flexible pipe-fitting is standard guarantees an easy accessibility and through this an extremely easy cleaning.

Modular pre-hopper
The pre-hopper is standardised delivered with 600 l volume. If required this can be replaced with pre-hopper up to 2000 l volume.

Integrated mixer
To avoid the setting down or separation of concrete the integrated mixer mixes the concrete once again before pumping process. The possible deairation of self-compacting-concrete (SCC) through the mixer reduces time and working process.

Automatic filling level display for residual concrete
Safe and reliable filling level display, which shows the remaining concrete volume. This guarantees high process reliability.

Remote control
For precise operation of the pump from flexible locations the very compact HBC Duplex remote control is available.

Interface for concrete supply
To control automatically concrete supply a fixed programmed interface with a plug is scope of delivery. This interface is able to communicate with a mixer and/or bucket conveyor.

Low-maintenance
The fixed installed central lubrication secures a continuously safe operation and long maintenance intervals.

Medium flexible use
The pump can be used for nearly every thixotropic medium through the given construction of the pump. This allows a flexible usage.

Advantages at a glance:
- Fast temporary cleaning
- Capacity continuously adjustable from 0 – 20 m³
- Including remote control
- Software interface for automatically concrete delivery as standard
- Modular pre-hopper from 600 – 2000 l
- Mixer with pre-hopper
- Automatic filling level display for residual concrete
- Easy to maintain through fixed central lubrication
- Compact and closed construction
- Can be used for a lot of thixotrope medium

More information: www.ratec.org

UPP 100/125 upcrete® Pump Station.
The compact multi talent for the concrete supply.

Standardized power-input
The 33 kW SEW-motor with a power-input of 63 A is exactly adapted to the standardized existing power connections of 63 A in each concrete factory.

Capacity continuously adjustable
Through continuous adjustment of the capacity from 0 – 20 m³ a save and very exactly filling of forms is guaranteed.

Remote control
For precise operation of the pump from flexible locations the very compact HBC Duplex remote control is available.

Low-maintenance
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Interface for concrete supply
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Easy cleaning
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Modular pre-hopper
The pre-hopper is standardized delivered with 600 l volume. If required this can be replaced with a pre-hopper up to 2000 l volume.

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Through continuous adjustment of the capacity from 0—20 m³ a save and very exactly filling of forms is guaranteed.

Integrated mixer
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Automatic filling level display for residual concrete
Safe and reliable filling level display, which shows the remaining concrete volume. This guarantees high process reliability.

Interface for concrete supply
To order concrete automatically (concrete supply) a fixed programmed interface with a plug is scope of delivery. This interface is able to communicate with a mixer and/or bucket conveyor.

Low-maintenance
The fixed installed central lubrication secures a continuously safe operation and long maintenance intervals.

Advantages at a glance:
• Fast temporary cleaning
• Capacity continuously adjustable from 0—20 m³
• Modular pre-hopper from 600—2000 l
• Mixer with pre-hopper
• Automatic filling level display for residual concrete
• Easy to maintain through fixed central lubrication
• Compact and closed construction
• Can be used for a lot of thixotropic medium

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UPP 100/125
Capacity
up to 22 m³/h
up to 33 m³/h
Pump tube diameter
100 mm
125 mm
Power input:
230 V/electrical
480 V/electrical
Connector plug
CEE 43 A
CEE 125 A

Important technical data:
UPP 100
Capacity:
Up to 22 m³/h
Pump tube diameter:
100 mm
Power input:
233 V/electrical
Connector plug:
CEE 43 A

More information: www.ratec.org
Technical data: UPP 100/125

Power input:
- 33 kW electric
- Connector CEE 63 A
  directly at the pump

Complex duplex remote control with following options:
- On / Off
- Pre-selection of rotary speed
- Reverse switch
- Feedback signal on graphic display of remote control

Capacity:
- 22 m³/h
- 12 m³/h

Pump tube:
- Ø 100 mm
- Ø 125 mm

Hopper volume:
- 600 l
- 600 l

Electrical drive:
- 400 V / 50 Hz

Filling is possible via:
- Individual big reservoir (delivery via bucket conveyor, etc.)
- Ready mix concrete truck
- Crane bucket

Filling height:
- 1919 mm

Dimension:
- Length: approx. 2400 mm
- Width: approx. 2270 mm
- Height: approx. 1800 mm

Weight:
- approx. 5000 kg
- approx. 5000 kg

Further customization on demand!

Technical changes reserved! www.bloesch-partner.de

More information: www.ratec.org

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Easy cleaning
Sensible adjustment of capacity
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www.ratec.org