### Overview of series 400 pump types

Quick and easy to select the right pump for your requirement

<table>
<thead>
<tr>
<th>Pump type</th>
<th>For standard applications (vertical)</th>
<th>For special applications (vertical)</th>
<th>For horizontal use</th>
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<tbody>
<tr>
<td>F/FP 430</td>
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<td>F/FP 424</td>
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<td>F 430 PP 100/50</td>
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<td>F 430 TR</td>
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<td>MINIFLUX</td>
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#### Advantages

- Ideal for frequent medium changes, hardening media, fast drying media, crystallizing media
- Can be taken apart into main components easily and quickly for cleaning
- Compared to sealless pump higher service life on abrasive media
- High stability of the plastic pumps enables immersion lengths of up to 3,000 mm
- No seal wear
- Optimal emptying of the inner tube
- High service life
- Low wear of guide bearing and shaft
- Long bearing life
- Particularly suited for hydrochloric acid and chromic acid
- Stainless steel version for use in hazardous areas
- Version for use with AdBlue® also available
- 3 operating modes in one pump:
  - Conveying
  - Conveying with simultaneous mixing
  - Mixing operation only
- Switching operating modes is possible even while operating
- Easy to dismantle for cleaning
- Distinct feature, only at FLUX: The inner tube is reinforced with a metal core on the PP model
- Ideal as hygienic pump: Can be quickly and easily taken apart for cleaning
- All parts in contact with the medium can be sterilized
- Transfers fluids containing solids such as juices with pulp or soups with spices
- Available with different connections on pressure side (e.g. clamp 1 ½" or Rd 58 x ¾"
- Available with 3A Certificate
- The pump has a significantly higher delivery head up to 40 l/min compared to pumps with semi-axial rotor (Z-rotor)
- Allows conveying of media out of an IBC in the basement to higher floors
- Ideal for pumping media into a higher lying pipe system
- Unique, the inner tube reinforced with a metal core
- Provides highest flexibility in installation and mobility
- Can also be used at low ceiling heights
- Stainless steel version for use in hazardous areas
- Can also be integrated into pipe systems
- A horizontal centrifugal pump that can be used with different FLUX motors
- Can be used where ceilings are low
- Allows pumping directly from floor-level outlets, even when containers are stacked
- Significantly higher flow rate and pressure compared to draining by gravity via the hydrostatic pressure of the medium
- Minimal space requirement
- Simple disconnection from IBC with union nut

#### Details

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* The maximum flow rate is a test bench value, measured with water at 20 °C at the pressure port of the pump, without accessories (hose, nozzle, flow meter). The practically achievable flow rate is lower. It depends on the individual application, the fluid properties and the pump configuration. Please refer to technical data sheets / performance diagrams.