Concrete spraying equipment

Wetkret 5

Tier 4i engine emissions
Compressor with air flow variable

Data sheet

<table>
<thead>
<tr>
<th>Putzmeister telescopic spraying arm SA 17.2</th>
<th>Spraying head</th>
</tr>
</thead>
<tbody>
<tr>
<td>Maximum spraying reach vertical</td>
<td>Rotation</td>
</tr>
<tr>
<td>m</td>
<td>° 360</td>
</tr>
<tr>
<td>Maximum spraying reach horizontal</td>
<td>Inclination</td>
</tr>
<tr>
<td>m</td>
<td>° 120 / 120</td>
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<tr>
<td>Minimum unfolding section vertical</td>
<td>Nutation</td>
</tr>
<tr>
<td>m</td>
<td>° 8</td>
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<tr>
<td>Minimum unfolding section horizontal</td>
<td>Nozzle</td>
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<tr>
<td>m</td>
<td>DN 40 / 50</td>
</tr>
<tr>
<td>Number of arm extensions telescopic</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td></td>
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<tr>
<td>Telescopic stroke</td>
<td></td>
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<tr>
<td>mm</td>
<td></td>
</tr>
<tr>
<td>2 x 2,000</td>
<td></td>
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<tr>
<td>Number of axles / degrees of freedom</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
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<tr>
<td>9</td>
<td></td>
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<tr>
<td>Maximum arm angle</td>
<td></td>
</tr>
<tr>
<td>° +60 / +30</td>
<td></td>
</tr>
<tr>
<td>° -23 / -62</td>
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<tr>
<td>Lights: 2 spotlights LED</td>
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<tr>
<td>lm</td>
<td></td>
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<td>7,200</td>
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</tbody>
</table>

| Putzmeister concrete pump PM 1810         |               |
| Type double-piston, hydraulic drive       |               |
| Max. flow (theor.)                       | m3/h 4 – 30   |
| Transport cylinder diameter              | mm 180        |
| Max. pressure (theor.) on concrete       | bar 75        |
| Max. aggregate size                      | mm 16         |
| Automatic lubrication system             |               |
## Data sheet

### Hopper
- **Full hopper capacity**: 350 l
- **Filling height**: 1.440 mm
- **Spotlight LED**: 700 lm

### Pumping and spraying drive system
- **Electric**: kW 75

### Additive pump synchronized with concrete pumping
- **Type Screw**
- **Adjustment range**: l/h 80 - 600
- **Maximum working pressure**: bar 12
- **Additive tank**: l 1.000
- **Control system**: PLC
- **Flowmeter**

### Cable reel
- **Operation hydraulic**
- **Collector 4 x 300 A**: rpm 36
- **Cable length 50 m / 100 m optional**
- **Cable diameter**: mm 53-61
- **Power 400 V 50 Hz ñ 440 V 60 Hz**
- **Diameter**: mm 1.400

### High pressure water pump for cleaning
- **Operation hydraulic**
- **Max. pressure**: bar 200
- **Flow (with hose reel)**: l/min 15
- **Hose**: m 21
- **Water tank**: l 200

### Putzmeister off-road vehicle, 4-wheel drive
- **Engine Diesel, 4 cylinders with catalytic converter**
- **Engine power**: kW (HP) 119 (160)
- **rpm** 2.200
- **Engine emissions in line with EU-Stage III B / EPA-Tier 4i**
- **Transmission hydrostatic**
- **Gearbox variable hydraulic engine**
- **Steering four-wheel hydraulic steering (4WS), crab mode**
- **Traction 4 WD**
- **Speed Max.**: km/h 20
- **Braking system (dual). Service brakes: 4-wheel hydraulic multi-disc brakes in oil bath Parking brake: 2-wheel independent, hydraulic multi-disc brakes in oil bath, manual Emergency brake.**
- **4 Working lights LED**: W 35
- **Driver cabin FOPS/ROPS certified with control panel and monitor for laterals and rear cameras.**
- **Oil tank**: l 390
- **Electrical equipment, 2 batteries**: V / A 12 / 110
- **Diesel tank**: l 200
- **Putzmeister remote control**
- **Operation cable / radio**
- **Cable length**: m 15

### Electric compressor
- **Power**: kW 75
- **Max. working pressure**: bar 7.5
- **Max. air flow variable**: m³/min 10.5

### Optional equipment

#### Alternative additive pump synchronized with concrete pumping
- **Type peristaltic**
- **Adjustment range**: 100 - 1200 l/h
- **Maximum working pressure**: 18 bar
- **Additive tank 1000 l (inox)**

#### Other
- **Cable 50 m**
- **Additive tank 1000 l (inox)**
- **Nozzle DN40 / DN50**
- **Air-conditioning**
- **Fire extinguishing system drive automatic / manual**

#### Closed cabin
- **Tramming direction lights**

#### Special voltages
- **Power 660 V 50/60 Hz ñ 1.000 V 50/60 Hz**

Consult Putzmeister for special configurations
**Spraying arm reach diagrams**

**Dimensions and turning radius**

- **Transport dimensions**
  - Vertical reach: 4.500 mm
  - Horizontal reach: 8.700 mm
  - Vertical reach: 380 mm

- **Maximum longitudinal gradient while driving**: 35º
- **Maximum transverse gradient while driving**: 10º

- **Turning radius**: R 6.450 mm

- **4-Wheel steering with crab mode**
  - Hub 2000
  - 62º

- **Spraying area**
  - Vertical spraying reach: 7 m
  - Horizontal spraying reach: 10 m
  - Vertical spraying reach: 15 m
  - Horizontal spraying reach: 4 m
  - Vertical spraying reach: 17 m

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