Concrete Pumps / Boom Pumps

ECP42RX

**Boom Type**
- 4 section R-folding

**Vertical Reach**
- 42m

**Horizontal Reach**
- 37.2m

**Depth Reach**
- 27.9m

**Delivery Pipe Diameter**
- 125mm

**Slewing Range**
- 360°

**Outrigger**
- Diagonal extension (Front)
- Swing-out (Rear)

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Watching Video
**FFH SYSTEM (Free Flow Hydraulic)**

This type of FFH Hydraulic Pressurized Systems combined with Rexroth® pumps and Hawe® boom control block is widely recognized to all over the world due to efficiency and stability. Currently Everdigm Pumps are applying these systems for longtime and widely known and also proven the products to everyone. Based on these facts FFH systems are used all over the world and mostly welcomed. Efficient pumps, less boom bouncing and less noise for while it operates. As above all, these reasons they are providing comfortable working area.

**FEATURES**

**PUMPING UNIT**
- Closed-loop Free Flow Hydraulic System
- Inductive Proximity Switch and Indicator
- Single Lip Concrete Piston
- Hard-Chromed Concrete Cylinder

**BOOM & STRUCTURE**
- 4 Stage R-Folding Boom
- Diagonal Extension Front Outrigger (One Stage)
- Swing Rear Outrigger (One Stage)
- Outrigger Pilot Check Valves
- Hyd. Motor and Gear Type Boom Slewing
- High Pressure End Hose (3m)
- Boom & Deck Pipe Diameter 125mm
- Geasing Port on Boom Link and Pedestal
- Bubble Gauge on Both Side
- Water Pump, Water Tank, Cleaning Hose and Spray Nozzle
- Working Light on Pedestal and Platform

**HOPPER**
- Easy Clean Type Hopper
- Hi-Manganese Agitating Paddle
- 600 Liter Volume Hopper
- Hopper Outlet Diameter 180mm
- S2018 Type S-tube (Dia.200-180mm)
- Flap Elbow (Dia.180-150mm) with Cleaning Port
- Reducing Pipe (150-125mm)
- Tungsten Carbide Wear Ring and Plate
- Hydraulic Agitator Motors on Both Side Hopper
- Auto Lubrication
- Working Light on Hopper

**CONTROL KIT**
- Wire Remote Control (40m Cord)
- Wireless Remote Control (Proportional)
- Remote ON/OFF Pumping
- Remote ON/FF Engine
- Infinite Variable RPM Control
- Boom Control Block
- Outrigger Control Block on Both Side
- Emergency Stop Switch
- Electric Main Control Panel and Local Controller
- Pneumatic Solenoid Valve Type PTO Control
- Stroke Changeover Switch

**OPTIONAL**
- Boom
  - Twin Wall Pipe
  - Auto Lubrication
  - Working Light
  - One Side Support (OSS) System
- Outrigger
  - Rear Outrigger Auxiliary Fuel Tank
  - Pipe Storage Bracket on One Side Rear Outrigger
  - Cover
  - Safety Device
  - Central Manual Lubrication
  - Vibrator
- Platform
  - Aluminum Platform
  - Handrail on Rear Step
  - Spare Tire Storage Bracket
- Paint
  - Customized Color

Note: For more optional item not mentioned above please consult the manufacture.
**SPECIFICATIONS**

**DIMENSIONS**

![Diagram of a crane's dimensions]

- Front Axle Loading Weight: 6,600kg
- Rear Axles Loading Weight: 23,100kg

**PUMP**

<table>
<thead>
<tr>
<th>Pump Cell</th>
<th>Control System</th>
<th>Main Pump</th>
<th>Concrete Cylinder (mm)</th>
<th>Drive Cylinder (mm)</th>
<th>Theoretical Concrete Output (m³/h)</th>
<th>Theoretical Concrete Pressure (bar)</th>
<th>Stroke No. (per minute)</th>
<th>Transfer Tube Type</th>
<th>Hopper Volume (liter)</th>
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<tbody>
<tr>
<td>2114</td>
<td>Closed Free Flow Hydraulic</td>
<td>A4VG180 A4VG125X2</td>
<td>Dia. 230</td>
<td>Dia. 130</td>
<td>140</td>
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<td>26</td>
<td>S-Tube, S2018 (Dia. 200-181mm)</td>
<td>600</td>
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<tr>
<td>2116</td>
<td></td>
<td></td>
<td>Stroke 2,100</td>
<td>Stroke 2,100</td>
<td>160</td>
<td>85</td>
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**BOOM**

- Folding Type: 4 Stage R-folding
- Slewing Angle: 360deg.
- Max. Vertical Reach: 42m
- Max. Horizontal Reach: 372m
- Max. Depth Reach: 27.9m (incl. End Hose 3m)
- Unfolding Height: 9.4m
- End Hose Length: 3m
- Delivery Pipe Dia.: 125mm

**OUTRIGGER**

- Front Outrigger: One Stage Diagonal Extension
  - Full Spread Width: 6.3m
- Rear Outrigger Type: One Stage Swing-out
  - Full Spread Width: 8.9m

**OUTRIGGER SPREAD**

![Diagram of outrigger spread]

Note: Technical amendments are reserved. The specifications are subject to change with or without prior notice.
EVERDIGM is large sized company with $250M turnover providing customers across the world with its quality products. EVERDIGM has been working and growing based on the platform of advanced quality, professionalism and real satisfaction. Standing behind the customers taking responsibility at all stage its product life cycle is EVERDIGM’s commitment.

**Build the Future**

The spirit, “build the future”, enables EVERDIGM to make a remarkable growth over 80 countries now. EVERDIGM offers the best value concrete pump which is key to build the brighter future for dealers and customers.

**Concrete Pump**

- Free Flow Hydraulic System
- Boom Pump Ranging from 21M to 63M
- Placing Boom of Various Design
- High Pressure Trailer and Line Pump

### Truck Mounted Boom Pump Line-up (Max. Vertical Reach)

<table>
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<th>Unit: m</th>
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### Trailer Pump Line-up (Max. Concrete Pressure)

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### Line Pump Line-up (Max. Concrete Pressure)

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### Placing Boom Line-up (Max. Horizontal Reach)

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