Concrete Pumps / Boom Pumps

ECP36RX

Boom Type
4 section R folding

Vertical Reach
36m

Horizontal Reach
32m

Depth Reach
24.1m

Delivery Pipe Diameter
125mm

Slewing Range
370°

Outrigger
Diagonal extension (Front)
Swing-type (Rear)

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**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
- Rack Gear Cylinder Type Boom Slewing
- High Pressure End Hose (3m)
- Boom & Deck Pipe Diameter 125mm
- Greasing 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
- Outrigger
  - Outrigger Pads and Compartment
- Hopper
  - Pipe Storage Bracket on One Side Rear Outrigger
  - Cover
  - Safety Device
- Platform
  - Central Manual Lubrication
  - Vibrator
  - 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**

- Front Axle Loading Weight: 6,400kg
- Rear Axles Loading Weight: 18,600kg
- Front Axle Loading Weight: 10,400kg
- Rear Axles Loading Weight: 16,000kg

*Weight and dimension figures here are subject to change on various chassis option and additional axle application etc.*

**WORKING RANGE**

**PUMP**

- **Pump Cell**
  - 2113
  - 2114
  - 2116
- **Control System**
  - Closed Free Flow Hydraulic
- **Main Pump**
  - A4VG125
  - A4VG180
  - A4VG125x2
- **Concrete Cylinder (mm)**
  - Dia. 230
  - Dia. 230
  - Dia. 230
    - Stroke 2,100
      - 2,100
      - 2,100
- **Drive Cylinder (mm)**
  - Dia. 120
  - Dia. 130
  - Dia. 140
    - Stroke 2,100
      - 2,100
      - 2,100
- **Theoretical Concrete Output (m³/h)**
  - 130
  - 140
  - 160
- **Theoretical Concrete Pressure (bar)**
  - 54
  - 70
  - 85
- **Stroke No.(perminute)**
  - 24
  - 26
  - 30
- **Transfer Tube Type**
  - S-Tube, S2018 (Dia. 200-180mm)
  - S-Tube, S2018 (Dia. 200-180mm)
  - S-Tube, S2018 (Dia. 200-180mm)
- **Volume of Hopper (liter)**
  - 600
  - 600
  - 600

**BOOM**

- **Folding Type**
  - 4 Stage R-folding
- **Slewing Angle**
  - 370deg.
- **Max. Vertical Reach**
  - 36m
- **Max. Horizontal Reach**
  - 32m
- **Max. Depth Reach**
  - 24.1m (incl. End Hose 3m)
- **Unfolding Height**
  - 8.3m
- **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 7.1m

**OUTRIGGER SPREAD**

*Note: Technical amendments are reserved. The specifications are subject to change with or without prior notice.*
EVERDIGM is a 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 stages of 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 60M
- Placing Boom of Various Design
- High Pressure Trailer and Line Pump

<table>
<thead>
<tr>
<th>Truck Mounted Boom Pump Line-up (Max. Vertical Reach)</th>
<th>Unit: m</th>
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<tbody>
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<td>21</td>
<td>24</td>
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<th>Trailer Pump Line-up (Max. Concrete Pressure)</th>
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<td>170</td>
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<th>Line Pump Line-up (Max. Concrete Pressure)</th>
<th>Unit: bar</th>
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<tr>
<td>110</td>
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<tr>
<th>Placing Boom Line-up (Max. Horizontal Reach)</th>
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<td>28</td>
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