

17m Concrete Placing Boom

This concrete placing boom features a three-section boom with a reach of 17 meters, allowing flexible operation. It is equipped with a hydraulic system for smooth boom movements and accurate concrete delivery.



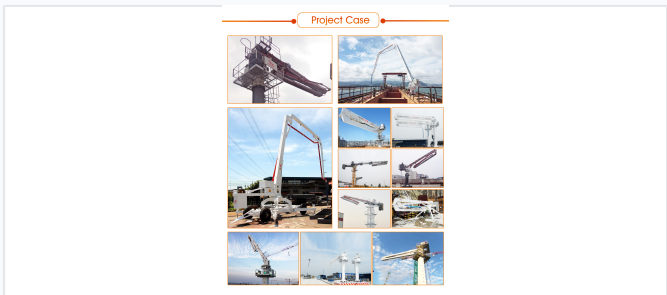
ADDITIONAL IMAGES



Overview



Detailed chart showing the 17-meter horizontal and vertical reach of the three-section boom.



Application of the spider placing boom in a high-rise construction project.

High-Efficiency 17m Spider Placing Boom

The PB17B-3R-II is a mobile hydraulic concrete placing machine designed for precise and efficient concrete distribution on diverse construction sites. Featuring a three-section 'R' folding boom with a 17-meter reach, it offers exceptional maneuverability and a full 360-degree slewing range. Its lightweight, balance-arm-free design simplifies floor loading and on-site relocation, making it an ideal solution for high-rise buildings, bridges, and complex infrastructure projects.

Performance Metrics

Key Performance Metrics

17 m

Max Placing Radius

360 °

Slewing Range

5.5 kW

Motor Power

25 MPa

System Pressure

Boom Configuration

Boom Section Details

Section	Length (m)	Articulation Angle
1st Section	7.1	0°~86°
2nd Section	5.5	0°~180°
3rd Section	4.5	0°~180°

Technical Specifications

Delivery System

- Pipeline Diameter: 1133x 4.5 mm
- Delivery Hose: 5" x 3000 mm
- Slewing Mode: Turbo Worm Drive
- Outrigger Structure: Inclined for stability

Operating Conditions

Temperature range from -20°C to 55°C with specific anti-wear hydraulic oil (HM32/HM46) depending on climate.

Physical Properties



The compact and mobile design of the PB17B-3R-II allows for easy transport and setup.

Weight & Dimensions

- Total Machine Weight: 6500 kg
- Maximum Lifting Unit: 1520 kg
- Free Standing Height: 2.7 m

Control & Options

Available Customizations

- Custom Column Lengths: 4m, 5m, 6m, 10m
- Climbing Modes: Floor climbing or Shaft climbing
- Voltage/Frequency: Customizable to local requirements

Control Options

Radio Remote Control, Cable Remote Control, Electric Proportional Control, HBC/AUTEC Remote (Optional)

Certifications

Compliance & Standards

ISO 9001:2015 • CE Certified • EN 60204-1 Compliant • 2014/35/EU (LVD)