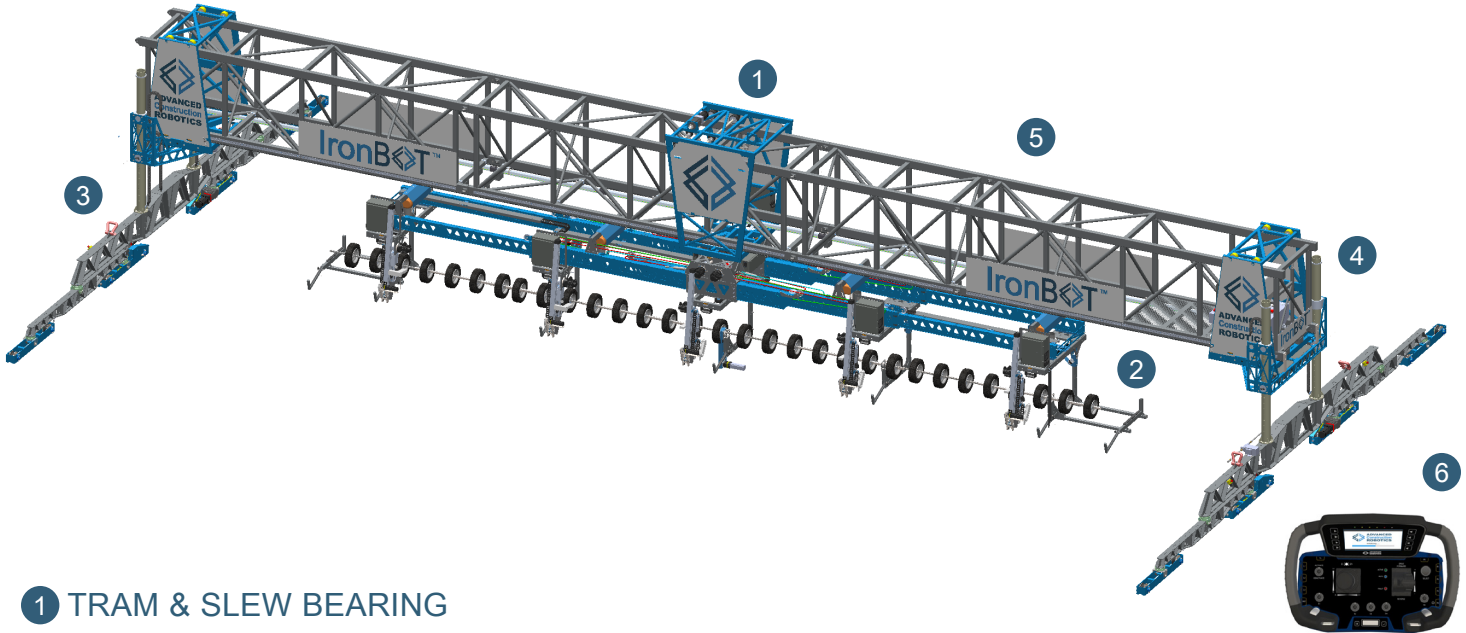


Product Specifications



1 TRAM & SLEW BEARING

Provides lateral and rotational adjustment to adapt to varying job site requirements.

Moves Placement Boom Along Track System
Slew Bearing Provides Rotational Movement
No Calibration, Plan Input, or Pre-Programming Required

2 PLACEMENT BOOM

Lifts and singulates the rebar bundle for placement. Places longitudinal and transverse bar.

Payload Capacity:	5,000LBS (2,267.96KG)
Rebar Length (Min/Max):	9-60FT (2.74-18.29M)
Bar Sizes:	#4 - #8
Min Bar Chair Height:	1.0IN (2.54CM)
Max Bar Release Height:	6IN (15.24CM)
Bar Placement Spacing (Min/Max):	3-16IN (76.2-406.4MM)
Max Rebar Bundle Diameter:	12IN (30.48CM)

3 LEGS AND BOGIES

Adjusts legs to accommodate varying widths, heights, cross-slopes, and skews. Bogies ride on existing or supplied rails.

Travel Speed:	0.66FT/SEC (.2M/SEC)
Wheelbase (Outside Bogie):	29.5FT (9M)
Min Wheel Spacing:	48IN (121.92CM)
Max Static Wheel Loading:	2,950LBS per Wheel
Min Clearance to Deck:	21.5IN (54.61CM)
Max Rail to Mat Distance:	53IN (134.62CM)
Max Cross-Slope:	6% up to 40FT (12.19M) 4% at 40FT (12.19M) to Max Width
Max Longitudinal Grade:	6% up to 70FT (21.35M) 4% at 70FT (21.35M) to Max Width
Max Plan View Skew:	0-90DEG

4 POWER

Single Cummins Onan Generator that continually operates for 50+ hours without refueling.

Power:	7,000 Watts
Generator Fuel Tank Capacity:	53GAL (200.63L)
Voltage, Amps:	Split Phase 240 Volts, 30 Amps
Fuel Consumption (Full Load):	0.95GPH (3.6L/HR)
Generator Fuel Grade:	87 Octane (Unleaded)

5 GANTRY SYSTEM

Durable and easily transportable. Easily assembled onsite in 4-8 hours.

IronBOT Rail Width (Min/Max):	27-117FT (8.23-35.66M)
Truss Width x Height:	52 x 66.8IN (132.08 x 169.67CM)
Weight Unloaded (Min/Max):	21K-31K LBS (10K-14K KG)
Height (Min/Max):	11-15FT (3.43-4.77M)

6 TRANSMITTER "BELLY BOX"

Mobile robot interface unit allows communication between robot and supervisor.

Safety Controls (E-Stop)
Operating Mode Selection (Service, Placement, Manual)
Operational Inputs (Bar Spacing, Direction to Start)
Operational Reporting Information
Operational Overrides (Skip, Continue, Replace)