

C  **RMAC** TM

LEAD BY INNOVATION

WELDING COLUMN AND BOOM



Overview

Unleash welding perfection with CARMAC TECHNOLOGIES PVT. LTD. Column and Boom system. Tackle any project, from lengthy seams to intricate dished ends, with light, medium, or heavy-duty options reaching up to 10 meters. Enjoy unwavering stability with pedestal or trolley mounting, and optional motorized mobility. Anti-falling protection grants peace of mind, while custom builds cater to unique needs. Sag control ensures precision, and durable construction takes on the toughest jobs. User-friendly controls and compatibility with various welding machines round out this dynamic duo. Boost productivity and accuracy – choose CARMAC TECHNOLOGIES PVT. LTD., the perfect column and boom for your welding world.

Features



Wide range of motion

Extendable boom and adjustable column provide horizontal and vertical movement, reaching awkward and intricate sections.



Multiple configurations

Choose from light, medium, and heavy-duty models to handle varying workpiece weights and sizes.



Stable mounting

Opt for pedestal or trolley mounting, with motorized options for increased mobility. Anti-fall protection ensures safety.



Precise control

Variable speed drives and sag control systems guarantee accurate weld placement and minimal boom deflection.



Durable construction

Built to withstand harsh welding environments with high-quality materials and robust fabrication.



Customizable solutions

Many manufacturers offer custom designs to accommodate specific workpiece shapes and welding processes.

Advantages



Increased Productivity

Achieve faster welding times with efficient positioning and reduced setup requirements.



Improved Weld Quality

Consistent torch movement and access to difficult angles lead to more precise and reliable welds.



Reduced Operator Fatigue

Eliminate awkward postures and manual manipulation, minimizing fatigue and improving worker safety.



Versatility

Suitable for various welding techniques (MIG, TIG, SAW) and a wide range of workpieces, from tanks and vessels to pipes and structural components.



Cost-Effectiveness

Increased productivity and quality can lead to overall cost savings in the long run.

Applications



Heavy Fabrication

Ideal for welding large and complex structures in shipbuilding, power plant construction, and oil and gas industries.



Tank and Vessel Production

Perfect for circumferential and longitudinal seam welding of storage tanks, pressure vessels, and boilers.



Automotive and Aerospace

Used for precise welding of car frames, aircraft components, and other critical parts.



Pipe Welding

Efficiently weld long pipe sections in pipelines, oil and gas installations, and power plants.



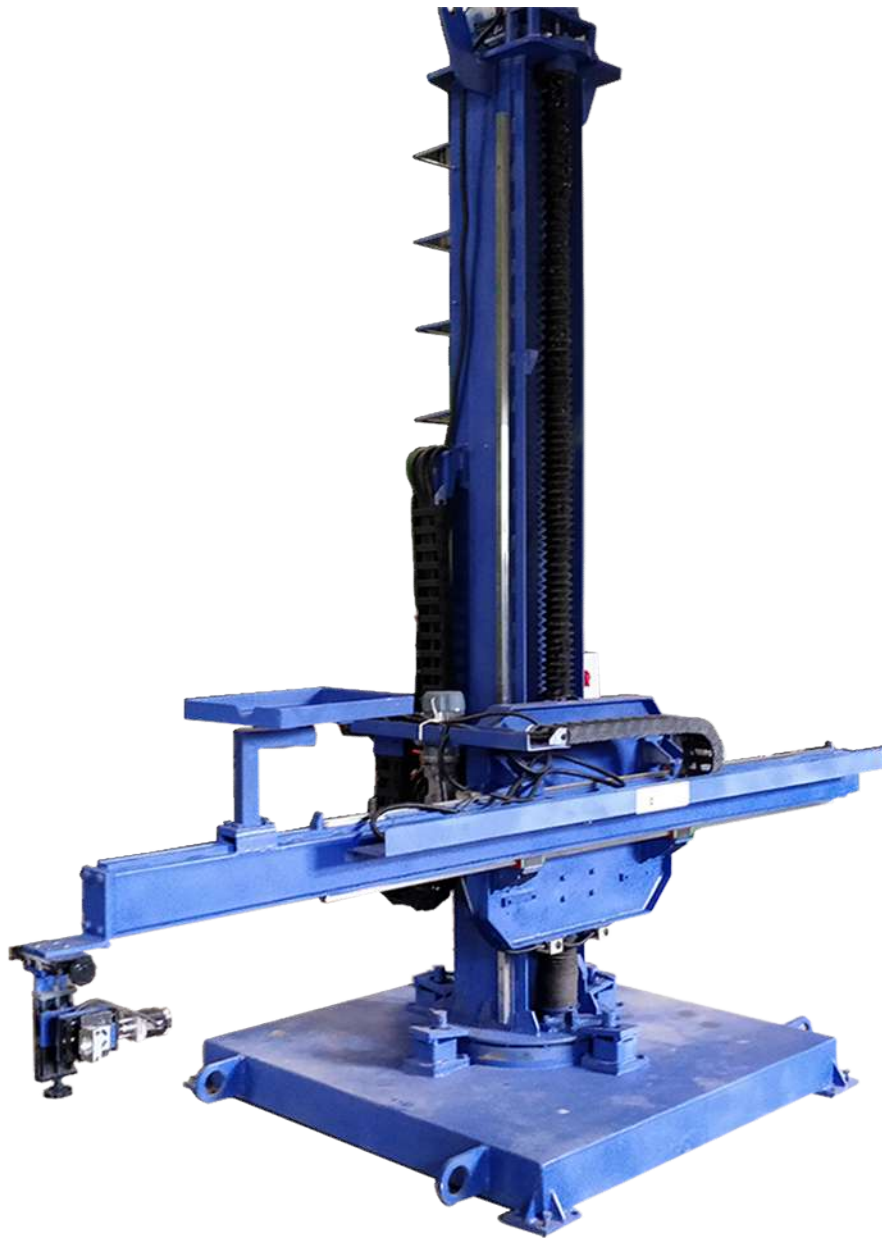
General Fabrication

Applicable for various welding tasks in steel fabrication shops, machine shops, and maintenance facilities.

Technical Specifications

MODEL	VERTICLE STROKE	HORIZONTAL STROKE	BOOM TRAVERSE SPEED	BOOM LIFTING SPEED	MAXIMUM LOAD AT EXTREMITY
	(mm)	(mm)	(mm / minute)	(mm / minute)	(kg)
CB1515	1500	1500	150 - 1250	750	100
CB2020	2000	2000	150 - 1250	750	100
CB3030	3000	3000	150 - 1250	750	200
CB4040	4000	4000	150 - 1250	750	200
CB5050	5000	5000	150 - 1250	600	300
CB6060	6000	6000	150 - 1250	600	300

PEDESTAL MOUNTED WELDING COLUMN & BOOM



Model - CB5050(P)

Carmac make Pedestal Mounted Column and Boom is sturdy, stationary option ideal for repetitive tasks in controlled environments.

TROLLEY MOUNTED WELDING COLUMN & BOOM



Model - CB5050(T)

Carmac make Trolley Mounted Column and Boom Gain incredible mobility with this configuration, effortlessly gliding around large workpieces for seamless welding.



Model - CB5050(P)

Conquer vertical challenges by Carmac make Pedestal Mounted Column and Boom with Ladder, featuring an integrated ladder for convenient access to elevated weld points.

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