



COLUMN & BOOM

MEDIUM DUTY, FROM 2020 TO 3030 SIZE



Key Attributes

- Sturdy design with precise guides for long-lasting use and low maintenance.
- Designed for pay load of upto 150 kgs at the end of the boom.
- Safety mechanism prevents falls if the chain fails.
- Smooth, accurate vertical and horizontal movement.
- Ensures high-quality welding regardless of operator skill.



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Additional Attributes

- Column base available in Pedestal or Trolley type.
- 360-degree manual rotation for full radial access to the welding head.
- Fixed speed AC motor for vertical lift at 750mm/min or 1000mm/min.
- Variable horizontal speed from 150 to 1500mm/min with VFD drives.
- Machined guideways for vertical and horizontal motion.
- Easy guide pressure adjustment with roller bearings and eccentric pin.
- Electrical and mechanical limits to prevent overriding.
- Dust-protected, pre-loaded bearings for durability.
- Trolley version provides access across the entire shop length.
- Slewing ring for column rotation.
- Up and down lead screw type with safety nut.

Optional Attributes

- Seam tracking, oscillation, twin wire feed and flux recovery.
- Linear motion guideways for vertical and horizontal motion.
- Motorized column swiveling from 0 to 360 degrees.
- Operator chair for all C&B models.

Applications

- ADOR's Column and Boom range is ideal for positioning welding heads for SAW and MIG/MAG welding of long and circular seams on tanks, barrels, pressure vessels, process equipment, and tubular components.
- Perfect for improving productivity and quality in repetitive tasks in heavy equipment manufacturing, railway workshops, shipyards, steel plants, and process equipment production for sugar mills, cement, and fertilizer plants.

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Technical Specifications

MODEL	VERTICAL STROKE (MM)	HORIZONTAL STROKE (MM)	HEIGHT UNDER BOOM (MM)		OVERALL DIMENSION (MM)			INNER DISTANCE BETWEEN RAIL
			Minimum	Maximum	Length	Width	Height	
CBL 2020(P)	2000	2000	850	2850	4000	1800	3750	N.A.
CBL 2020(T)	2000	2000	875	2875	4000	1800	3775	1000
CBL 2525(P)	2500	2500	850	3350	4500	1800	4250	N.A.
CBL 2525(T)	2500	2500	875	3375	4500	1800	4275	1000
CBL 3030(P)	3000	3000	1100	4100	5300	2100	5000	N.A.
CBL 3030(T)	3000	3000	1150	4150	5300	2100	5050	1440

WARRANTY DETAILS

Duration: One year from the commissioning date. ADOR WELDING LIMITED ensures new equipment sold through Plant/Area Offices/Authorized Distributors is free from defects in materials and workmanship, performing as per applicable specifications.

Cable Wear: ADOR is not liable for wear and damage to cables caused by flexing and abrasion. Users must regularly inspect cables for wear and address any issues before cable failure occurs.

Design and Specification Changes: ADOR WELDING LIMITED reserves the right to modify designs and specifications without prior notice due to continuous development.

Customer Care: Supported by a dedicated customer care package.



ADOR WELDING LIMITED

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