



COLUMN & BOOM

HEAVY DUTY, FROM 2020 TO 7070 SIZE



Key Attributes

- Sturdy design with precise guides for long-lasting use and low maintenance.
- Designed for pay load of upto 350 kg 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.



COLUMN & BOOM

HEAVY DUTY, FROM 2020 TO 7070 SIZE

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.
- Operator chair, maintenance platform and monkey ladder for all C&B models..

Optional Attributes

- Seam tracking, oscillation, twin wire feed, flux recovery, grinding / buffing attachments.
- Walkway for all C&B models.
- Motorized column swiveling from 0 to 360 degrees.

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.

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	
CBM 2020(P)	2000	2000	850	2850	4000	1800	3750	N.A.
CBM 2020(T)	2000	2000	875	2875	4000	1800	3775	1000
CBM 2525(P)	2500	2500	850	3350	4500	1800	4250	N.A.
CBM 2525(T)	2500	2500	875	3375	4500	1800	4275	1000
CBM 3030(P)	3000	3000	1100	4100	5300	2100	5000	N.A.
CBM 3030(T)	3000	3000	1150	4150	5300	2100	5050	1440

Cont...

COLUMN & BOOM

HEAVY DUTY, FROM 2020 TO 7070 SIZE

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	
CBM 4040(P)	4000	4000	1200	5200	6700	2500	6100	N.A.
CBM 4040(T)	4000	4000	1250	5250	6700	2500	6150	1440
CBM 5050(P)	5000	5000	1200	6200	7700	2500	7100	N.A.
CBM 5050(T)	5000	5000	1250	6250	7700	2500	7150	1600
CBM 6060(P)	6000	6000	1300	7300	8700	2500	8200	N.A.
CBM 6060(T)	6000	6000	1350	7350	8700	2500	8250	1830
CBM 7070(P)	7000	7000	1350	8300	9700	2500	9500	N.A.
CBM 7070(T)	7000	7000	1350	8350	9700	2500	9750	1830

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

Corporate Marketing Office: Survey No.147 / 2B+3, Near Khandoba Mandir, Akurdi Chowk, Chinchwad, Pune - 411019. Maharashtra. India.

☎ 1800 233 1071 ✉ cmo@adorians.com 📞 +91 20 40706000

