

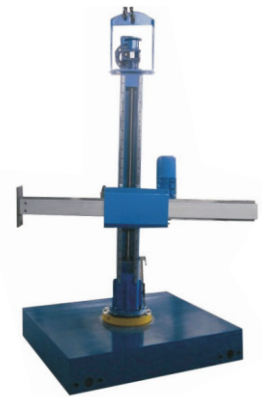
COLUMN AND BOOM / MANIPULATOR

Features:

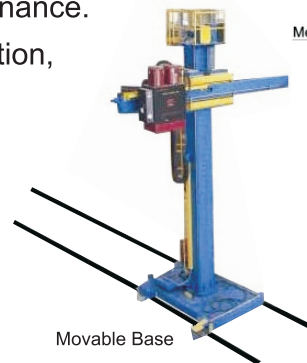
- Heavy Duty Structure made out of fabrication steel.
- Extremely robust and vibration free.
- Stress relieved and Precision machined.
- Highly stable and accurate motion even at low speeds.
- Back-lash free gear box for vertical and horizontal movement.
- Lead screw / ball screw mechanism in Light duty models.
- Rack & Pinion mechanism in Medium and Heavy duty models.
- Fail - Safe, anti-fall mechanism with counter weight arrangement .
- Sealed roller / ball bearings for long service life without maintenance.
- Optional moving base with track with manual or motorized motion, for 3 - Axis operation.
- Optional rotating base arrangement with manual or motorized motion, for 4 - Axis operation.
- Suitable for interfacing with NC or CNC controllers.
- Heavy duty motors of 100% duty cycle.
- Heavy duty Variable Frequency Drive (VFD) for continuous operation without overheating and tripping.
- Supply input 380 - 415 VAC / 3-Phase / 50-60 Hz
- Suitable for TIG, MIG, MAG , Plasma welding.
- Also for SAW, Strip cladding and PTA welding.



Fixed Base

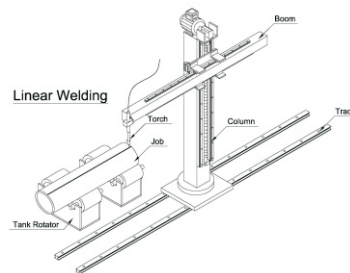
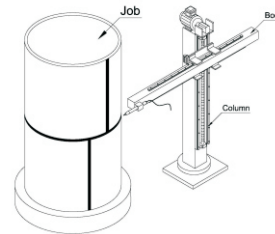


Rotational Base



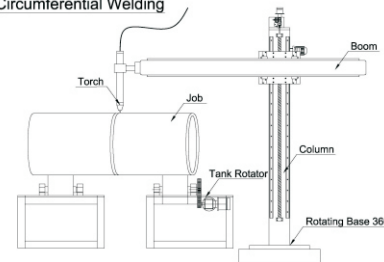
Movable Base

Mechanised Position Welding



Linear Welding

Circumferential Welding



Specifications:

Model	Column Lift (mm)	Boom Stroke (mm)	Column Speed (mm/min)	Boom Speed (mm/min)	Pay Load (Kg)	Movable Base	Revolving Column
CB0505	500	500	1200	100 to 1500	80	Optional	Optional
CB1010	1000	1000	1200	100 to 1500	80	Optional	Optional
CB1515	1500	1500	1200	100 to 1500	80	Optional	Optional
CB2020	2000	2000	1200	100 to 1500	80	Optional	Optional
CB2525	2500	2500	600	100 to 1500	150	Optional	Optional
CB3030	3000	3000	600	100 to 1500	150	Optional	Optional
CB3535	3500	3500	600	100 to 1500	150	Optional	Optional
CB4040	4000	4000	600	100 to 1500	150	Optional	Optional
CB5040	5000	4000	600	100 to 1500	150	Optional	Optional
CB6060	6000	6000	800	100 to 1500	300	Optional	Optional
CB7070	7000	7000	800	100 to 1500	300	Optional	Optional
CB8080	8000	8000	800	100 to 1500	300	Optional	Optional
CB9090	9000	9000	800	100 to 1500	300	Optional	Optional
CB100100	10000	10000	800	100 to 1500	300	Optional	Optional

Specifications are subject to change without notice