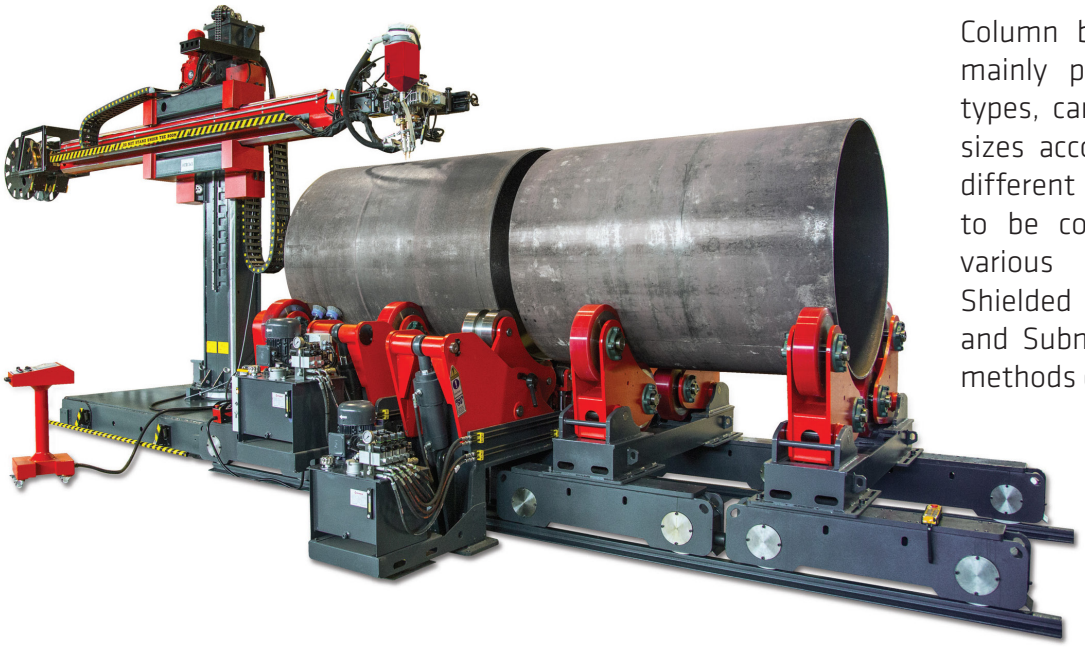
TECHNICAL SPECIFICATIONS

Column-Boom Systems are systems that allow the workpiece to be welded with circular or longitudinal welding methods. The workpiece can be welded using a rotator , positioner or independently. With the column boom systems that can be designed as fixed to the ground or movable on the rail, various workpieces such as metal tanks and steel constructions can be welded at high production speeds and at high quality.



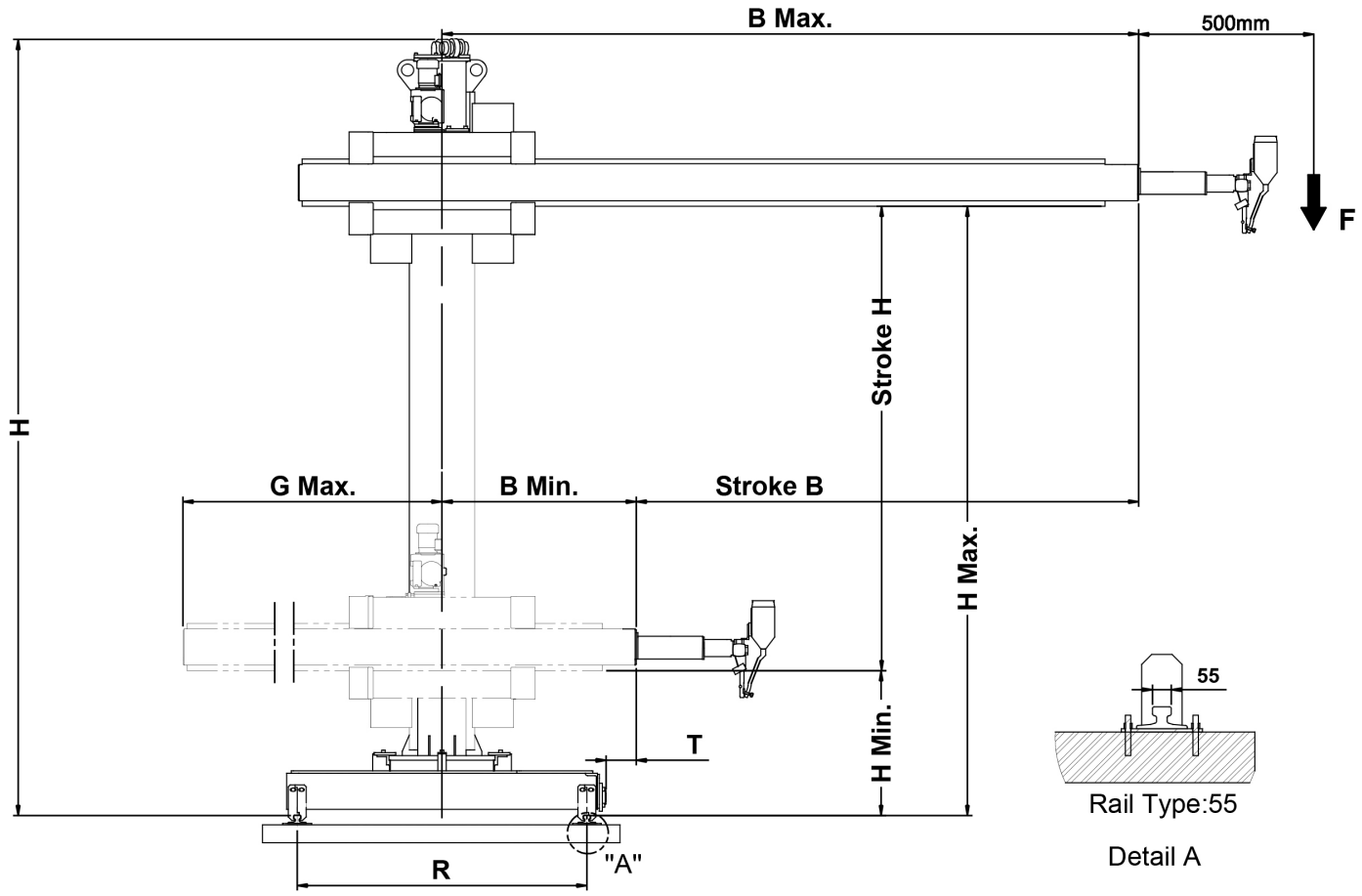
Column boom systems, which are mainly preferred in 3x3 and 9x9 types, can be produced in different sizes according to the needs. With different types of welding machines to be connected to the systems, various methods such as Gas Shielded Arc Welding (MIG-MAG) and Submerged Arc welding (SAW) methods can be performed.

Standard Features

- 359° Rotatable column (manual) Mobile cabled controller
- V type slide system for spaceless working
- Adjustable linear Boom speed
- Boom speed digital indicator
- Setting for Boom speed (fast/slow)
- Mechanical locking system for Boom fall
- Counter weight system for Boom (Elevator)
- Limit switch on all movements
- Welding power unit's table (above the column)
- Motors with break
- Cable channels on Column – Boom
- Fixed on the floor system

Optional Features

- Travelling Carrier
- Master Control Panel
- Auto Rotation Column
- Operator Seat (With Stair, only with GMCB2 & GMCB3)
- Camera Monitoring System
- Tandem Welding Apparatus
- Lighting
- Stair
- Rotators PLC Control
- Oscillator System (only MIG/MAG)
- Rail (only with Travelling Carrier)
- SAW, MIG/MAG or TIG Weldings
- Joint Tracking System – Laser
- Joint Tracking System – Mechanical Sensor
- Flux Drying Systems (only SAW)
- Mobile Control Panel
- Automation Systems
- Special Isolations For Hazardous Environment
- Tandem Welding Heads (SAW)
- Twin Welding Heads (SAW)
- Twin Tandem Welding Heads (SAW)
- AC/DC Single Power Source (SAW)



S.N.	MODEL	Max. Load Capacity (kg)	Min. Height Under Boom (mm)	Max. Height Under Boom (mm)	Total Height (mm)	Boom min. Distance (mm)	Boom max. Distance (mm)	Stroke (mm)	Boom Rear Max. Distance (mm)	Boom- Carrier Distance (mm)	Distance Between Rails (mm)	Horizontal Bom Speed (mm/dk)	Carrier Speed (mm/dk)	Column Rotation Angle (°)
		F	Hmin	Hmax	H	Bmin	Bmax	H / B	Gmax	T	R			
1	GMCB1 3x3	300	780	3000	4250	695	3485	2220 / 2790	3600	190	1490	160 - 780	2000	360
2	GMCB1 4x4	250	780	4000	5250	690	4490	3220 / 3800	4600	300	1655	160 - 780	1970	360
3	GMCB1 5x5	200	780	5000	6250	690	5490	4220 / 4800	5606	300	1655	160 - 780	1970	360
4	GMCB1 6x6	150	780	6000	7246	940	6740	5220 / 5800	6856	50	1655	160 - 780	1970	360
5	GMCB2 3x3	600	1200	3000	4433	1280	3850	1800 / 2570	3681	90	2400	200 - 932	1970	360
6	GMCB2 4x4	500	1200	4000	5433	1280	4870	2800 / 3590	4681	90	2400	200 - 932	1970	360
7	GMCB2 5x5	450	1200	5000	6443	1280	5770	3800 / 4490	5681	90	2400	200 - 932	1970	360
8	GMCB2 6x6	300	1200	6000	7400	1280	6770	4800 / 5490	6681	90	2400	200 - 932	1970	360
9	GMCB3 9x6	300	1300	9000	10900	1290	7070	7702 / 5775	7050	95	2400	200-2000	2000	360
10	GMCB3 9x9	200	1300	9000	10900	1290	10070	7702/ 8775	10050	95	2400	200-2000	2000	360