

CaB 44, 55, 66 and 77

Column and Boom

- The Column & Boom CaB 44, 55, 66 and 77 is purposely designed and robustly built to withstand the rugged environment in the welding industry.
- A smooth 360-degree lockable rotation.
- All vertical and horizontal guidings are precisely machined for smooth movement.
- Solid state inverter for variable speed of horizontal travel and travel carriage.
- Worm gearbox for vertical travel via AC motor complete with brake for added safety.
- High tensile roller chain used for vertical travel with the addition of a counter balance system with the column that provides smooth effortless travel.

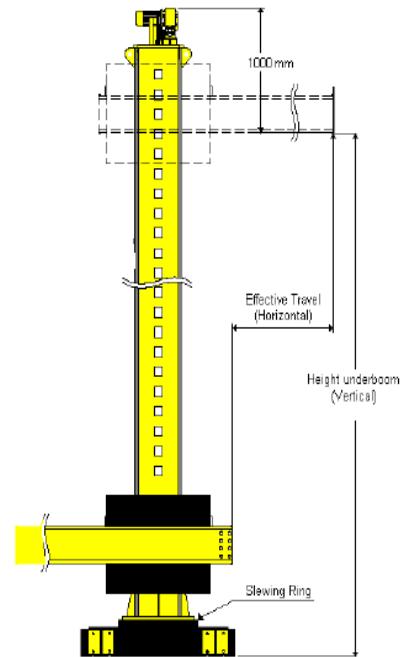


- IP 55 pendant control station using low voltage on the generous 10 metre cable.
- A standard safety feature including anti-fall device and limit switches for all motions.
- Pay load of 420 kg.

Applications

- **Wind Tower Fabrication**
- **Pressure Vessels**
- **Profiles**
- **Beam Welding**

Technical data: CaB	44	55	66	77
Overall height, mm	5425	6425	7425	8425
Boom length, mm	5700	6700	7700	8700
Vertical under boom (min), mm	1000	1000	1000	1000
Vertical under boom (max), mm	4000	5000	6000	7000
Boom range horizontal, mm	4000	5000	6000	7000
Rail G-G, mm	2000	2000	2500	3000
Vertical speed, mm/min	1250/1500 (50/60 Hz)			
Boom speed, mm/min	165/1650 (50/60 Hz)			
Travel Speed, mm/min	333/3335 (5~50Hz)			
Electrical	IP55			
Power Supply	380/400/415V-50Hz/3ph			
Power Supply	440/460/480V-60Hz/3ph			
Control Voltage, V AC	24			
Slewing	Manual			

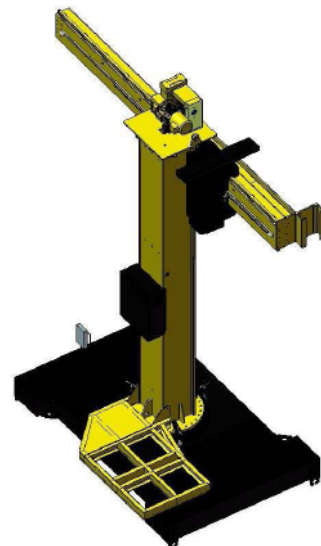


Ordering Information

CaB 44, motorised carriage	0370 250 601
CaB 55, motorised carriage	0370 250 602
CaB 66, motorised carriage	0370 250 603
CaB 77, motorised carriage	0370 250 604
CaB 44, fixed stand	0370 250 606
CaB 55, fixed stand	0370 250 607
CaB 66, fixed stand	0370 250 608
CaB 77, fixed stand	0370 250 609

Options

Camera system	0370 250 616
Spools at rear end of the boom	0370 250 617
Motorised rotation	0370 250 618
Tandem platform	0370 250 619
0.5 meter boom section	0370 250 620
0.5 m column section	0370 250 621



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