

Column Boom Manipulators



Features

Column & Boom is one of the main equipment for welding boiler, pressure vessel, pipeline and structural metal; It is composed to automatic welding system with roller, positioner and rotation mechanism that used for welding pressure vessel, spherical head welding and inside cladding for barrel and shell covers. It could use TIG, PAW, TIG, MIG/MAG, SAW welding process.

PARAMETERS		MCB-2000	MCB-3000	MCB-4000	MCB-5000
Beam vertical traverse (mm)		2000	3000	4000	5000
Beam horizontal traverse (mm)		2000	3000/2	4000	5000
Beam vertical speed (mm/min)		850	850	840	840
Beam horizontal speed (mm/min)		110~1100	>110~1100	120~1200	120~1200
Column rotation(°)	Motor-driven	+/-180	+/-180	+/-180	+/-180
	Manual	+/-180	+/-180	+/-180	+/-180
Dimension (LxWxH)		2000*3400*4200	2000*4400*5100	2300*5500*6500	2300*6500*7500
Welding trolley speed (mm/min)		4000	4000	2100	2100