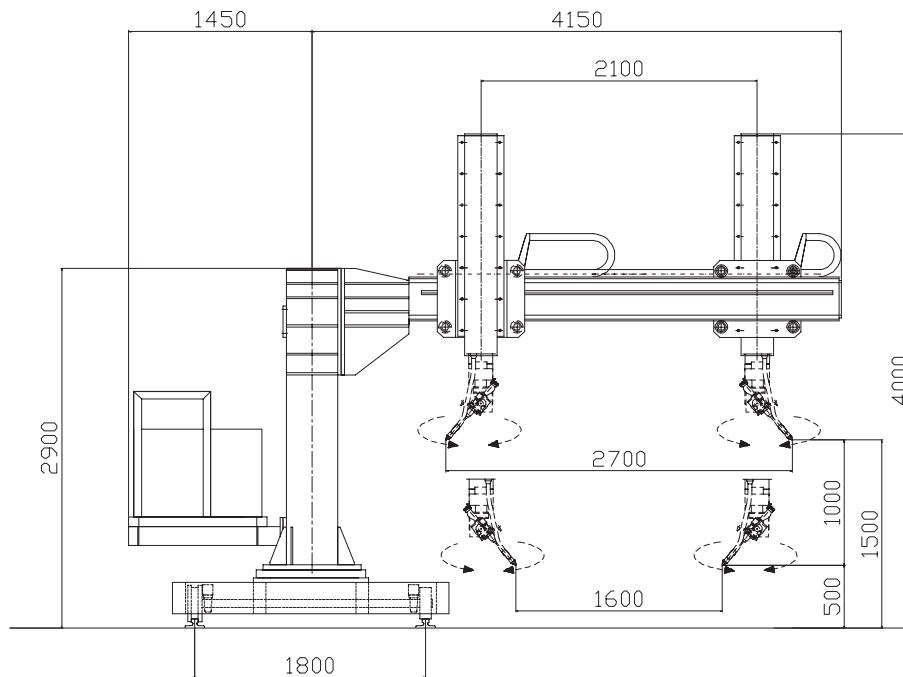


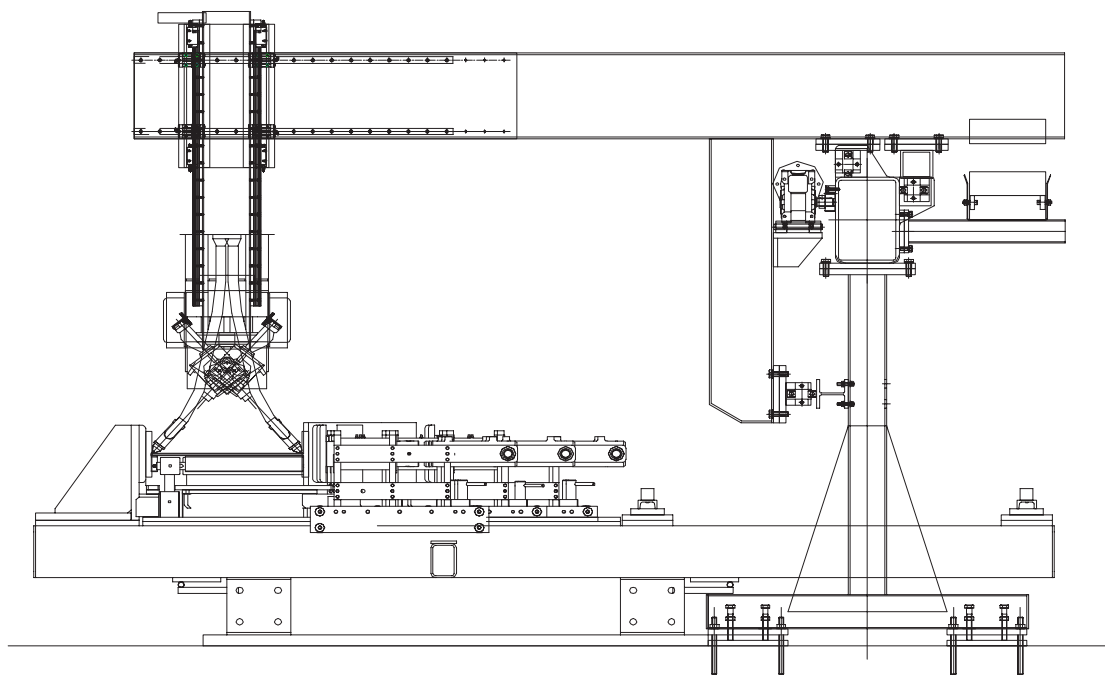
GIRDER MANIPULATORS	CB-HH-2C 2x2	CB-HH-2C 3x3	CB-HH-2C 4x3
Number of carriage / welding torches	2		
Max height from floor	4500 mm	5500 mm	6500 mm
Max height under torch	2000 mm	3000 mm	4000 mm
Boom elevation speed	1000 mm/min		
Carriages travel speed	200-2000 mm/min		
Max. horizontal carriage stroke	2000 mm	3000 mm	
Max vertical boom stroke	1500 mm	2500 mm	3500 mm
Max. distance between the torches	2500 mm	3500 mm	3500 mm
Base traverse speed	200-2000 mm/min		
Rails distance	1500 mm		
Vertical arms lenght	1000 mm	1000/1500 mm	1500-1750 mm
Rotation of mast	360° manual		
Application	Single submerged arc / Twin-arc / (Tandem as option)		



### GIRDER MANIPULATORS

### FCB-HH-2C 1,5x2

GIRDER MANIPULATORS	FCB-HH-2C 1,5x2
Number of carriage / welding torches	2
Max height from floor	4000 mm
Max height under torch	1500 mm
Boom elevation speed	fixed height boom
Carriages travel speed	200-2000 mm/min
Max. horizontal carriage stroke	2100 mm
Max vertical boom stroke	
Max. distance between the torches	2700 mm
Base traverse speed	200-2000 mm/min
Rails distance	1800 mm
Vertical arms lenght	1000 mm
Rotation of mast	360° manual
Application	Single submerged arc / Twin-arc / (Tandem as option)



### SHAPED GIRDER MANIPULATORS

### FCB-HH-2C 1,5x2

Number of welding torches	2
Max height from floor	2900 mm
Minimum height under torch	700 mm
Maximum height under torch	1200 mm
Raising / lowering welding torch	type pneumatic stroke 500 mm
Torches horizontal travel	type pneumatic stroke 600mm
Web dimension range (standard)	180-600 mm
Flange dimension range (standard)	120-160 mm
Carriage travel speed	200-3500 mm
Max shaped beam angle	25°
Application	Single submerged arc / MIG