



Single Base Positioner

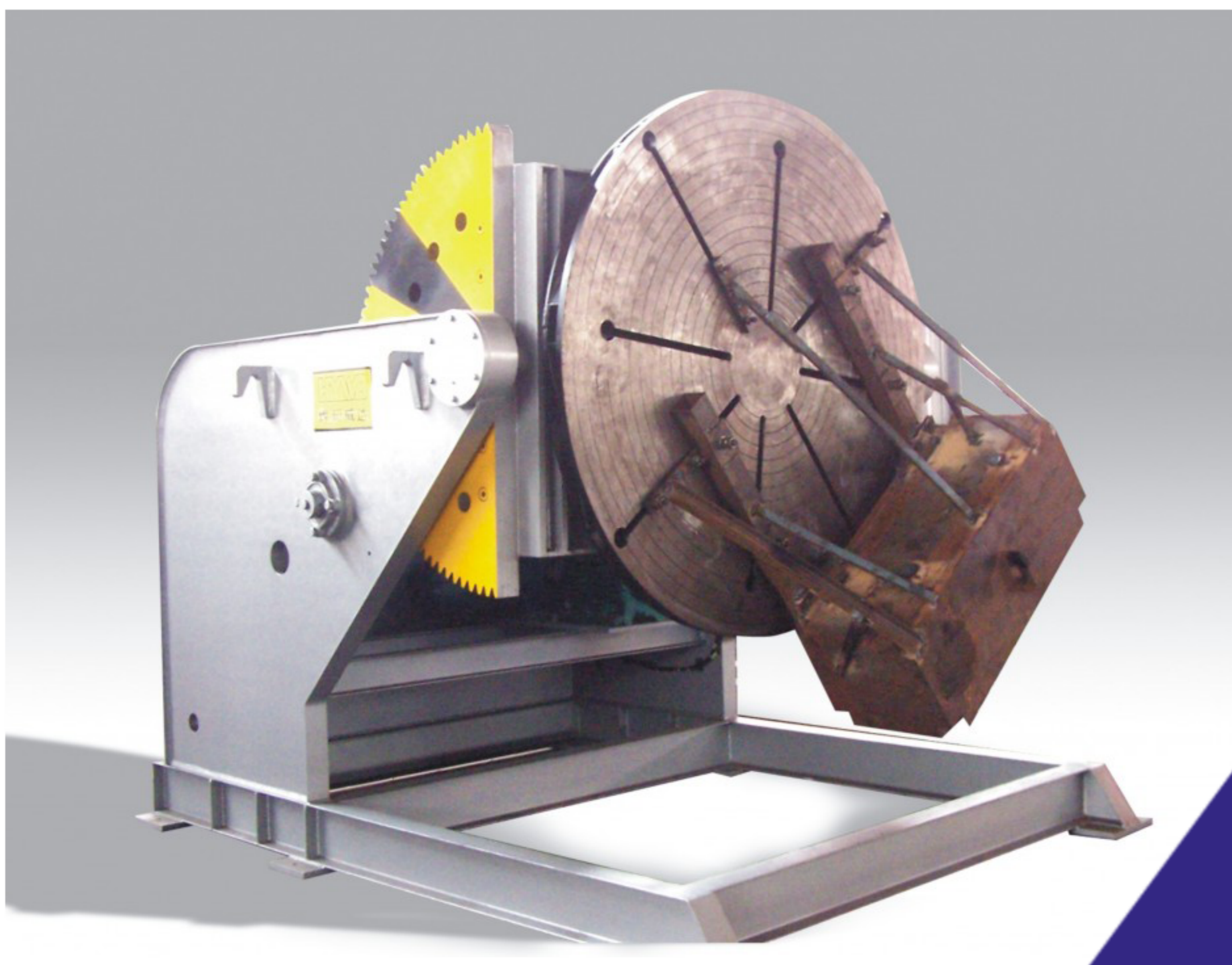
An equipment to manipulate parts to apply some process such as cutting, welding, polishing, painting, etc.

Positioner manufacturing capability from 150 kg to 200 ton. All positioners can be placed directly on the ground.

Features

Work table surface is made of finished casting, not easy to be hurt by welding spatter. Uniform positioning lines are engraved on the surface. T-shaped channels are available, which can facilitate the installation of various fixing and clamping unit.

Stepless speed adjustment is available for work table rotation. Tilting of work table adopts gear worm reducer to keep constant-speed tilting within 120°, with large tilting torque, self-locking and reliable positioning.



- Tilting drive adopts motor with brake, forming brake double insurance, to ensure the accuracy and security of stop.
- Both tilting and rotation are using a dual-drive mode, which has small transmission gap and safer system.
- Radial T slot is available on the worktable for fixing work piece.
- Control system has over-current, over-voltage, over-torque protection.
- Controller function: Rotating speed display, Speed adjustment, Rotating direction, Tilting direction, Start, Emergency.
- Insulation class is IP45.

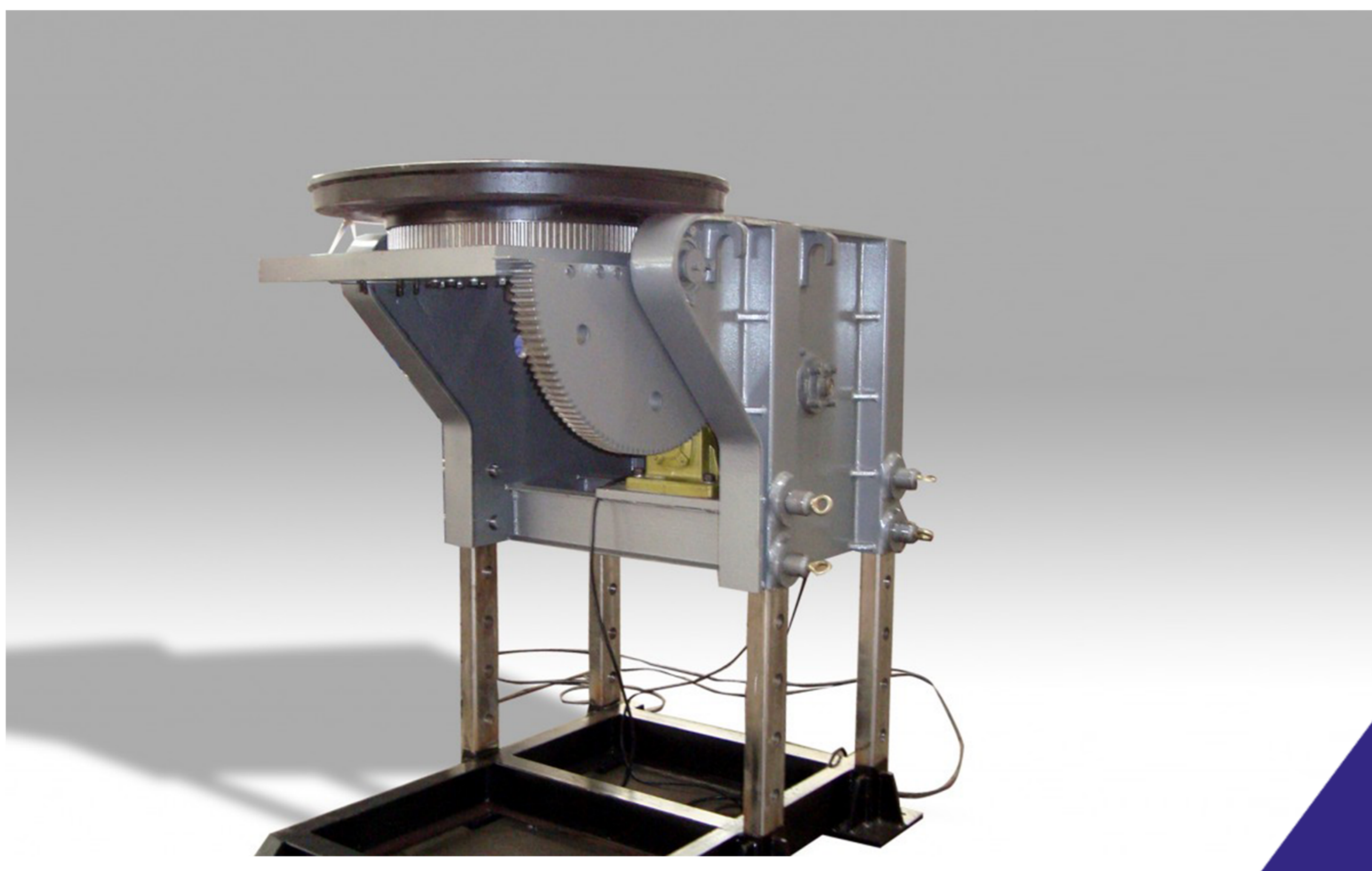
Model	Load Capacity (ton)	Tilting speed (rpm)	Tilting angle	Max. Rotating dia. (tilting to 90°)	Max. CG distance	Rotating speed (rpm)	Rotating angle	Max. eccentricity	Worktable dia.(expand is option)	Dimension LxWxH
HB-5	0.5	0.37	Forward 100° backward 20°	1100	250mm	0.09~0.9	n×±360°	250mm	Ø800mm	1175x896x836
HB-10	1	0.45	Forward 100° backward 20°	1500	300mm	0.08~0.8	n×±360°	300mm	Ø1200mm	1702x1383x1150
HB-20	2	0.33	Forward 100° backward 20°	1800	300mm	0.08~0.8	n×±360°	300mm	Ø1200mm	1844x1434x1310
HB-30	3	0.39	Forward 100° backward 20°	2000	300mm	0.07~0.7	n×±360°	300mm	Ø1400mm	2047x1706x1452
HB-50	5	0.33	Forward 100° backward 20°	2200	400mm	0.05~0.5	n×±360°	250mm	Ø1600mm	2156x1873x1534
HB-100	10	0.23	Forward 100° backward 20°	2900	400mm	0.05~0.5	n×±360°	250mm	Ø1800mm	2684x2100x1977
HB-150	15	0.2	Forward 90° backward 45°	4000	600mm	0.05~0.5	n×±360°	200mm	Ø3000mm	3500x2640x2140
HB-200	20	0.2	Forward 90° backward 45°	4000	600mm	0.05~0.5	n×±360°	200mm	Ø3400mm	3700x3000x2140
HB-300	30	0.2	Forward 90° backward 45°	4000	600mm	0.05~0.5	n×±360°	200mm	Ø3400mm	4800x3560x2700
HB-400	40	0.01~0.1	Forward 90° backward 45°	5000	800mm	0.0035~0.35	n×±360°	200mm	Ø3400mm (expand to Ø5000mm)	5000x3830x3200
HB-500	50	0.01~0.1	Forward 90° backward 45°	5000	1000mm	0.0035~0.35	n×±360°	300mm	Ø3400mm (expand to Ø5000mm)	5500x3830x3550
HB-600	60	0.005~0.05	Forward 90° backward 45°	5000	1000mm	0.0035~0.35	n×±360°	300mm	Ø3400mm (expand to Ø5000mm)	5500x4270x3550
HB-800	80	0.005~0.05	Forward 90° backward 45°	5000	1000mm	0.0035~0.35	n×±360°	300mm	Ø3400mm (expand to Ø5000mm)	5900x4800x4000
HB-1000	100	0.005~0.05	Forward 90° backward 45°	7000	1500mm	0.0035~0.35	n×±360°	300mm	Ø4000mm (expand to Ø7000mm)	6300x5450x4285
HB-1200	120	0.005~0.05	Forward 90° backward 45°	7000	1500mm	0.0035~0.35	n×±360°	300mm	Ø4000mm (expand to Ø7000mm)	6500x5450x4400
HB-1500	150	0.003~0.03	Forward 90° backward 45°	7000	1500mm	0.0035~0.35	n×±360°	300mm	Ø4000mm (expand to Ø7000mm)	7000x5890x4710

Standard configuration:

- Positioner
- Control cabinet
- Remote controller
- 10m control cable

Options includes:

- Foot pedal, Mechanical lifting / Hydraulic lifting, Expanding arm.



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