



Head and Tail Positioners

Equipment to turn around pieces 360 degrees. They have two parallel columns, with motorized plates which rotate the part. They can have fixed or variable elevation (with adjustment pins or motorized), great for long devices such as frames or railroad cars.

Features

Usually, only one of the plates is motorized for the spin while the other one is used as stabilizer. However, for very big applications both can have coordinated mechanization.

The distance between the head and the tail can be fixed or variable, although they have to be very well aligned. In case variable distance is required, rails are recommended.



- Rotating in $n \times 360^\circ$
- Stepless speed adjustment, with slowing down impact of start-up and stop.
- The rotation of workplate is controlled by worm and gear reducer transmission, rotating in $n \times 360^\circ$. The torque is large and equipped with self-locking function.
- Lifting device is an option.
- Foundation needed before installation.
- It can be operated in any place by remote control box.
- Control box function includes Power indicator, Alarm lamp, Start, Tilting forwarder/reverse, speed adjustment, Stop, Emergency.
- Insulation class is IP45.

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Model	Load Capacity (ton)	Tilting speed	Tilting angle	Height (from tilting center to ground)	Max. tilting torque	Worktable dia.	Dimension (single) LxWxH
HBTW-10	1 ton	0.5rpm	±360°	800mm	2.5KN.m	Ø500mm	795x700x1150
HBTW-20	2 ton	0.5rpm	±360°	1000mm	5KN.m	Ø500mm	610x800x1460
HBTW-30	3 ton	0.5rpm	±360°	1000mm	7.5KN.m	Ø500mm	700x800x1600
HBTW-60	6 ton	0.05-0.5rpm	±360°	1500mm	15KN.m	Ø800mm	700x1300x2100
HBTW-80	8 ton	0.05-0.5rpm	±360°	1700mm	20KN.m	Ø1000mm	700x1300x2400
HBTW-100	10 ton	0.05-0.5rpm	±360°	1700mm	25KN.m	Ø1000mm	750x1300x2400
HBTW-200	20 ton	0.02-0.2rpm	±360°	2000mm	50KN.m	Ø1500mm	850x1600x2600
HBTW-300	30 ton	0.02-0.2rpm	±360°	2100mm	75KN.m	Ø1500mm	950x2000x2750
HBTW-400	40 ton	0.02-0.2rpm	±360°	2500mm	100KN.m	Ø1500mm	1100x2400x3200

Standard configuration:

- Head column
- Tail column
- Control cabinet
- Remote controller
- 10m control cable

Options includes:

Lifting stroke, Foot pedal, Clamping chuck, Expanding arm.



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