

Welding Positioner

- The working table is fine processed using steel material, position lines are equally marked on the table, and several “T” type grooves are available for installing all kinds of orientating and tightening device.
- High quality frequency converter is used to realize stepless rotation speed adjusting of the work table. It has the advantages of wide speed adjusting range and reliable working.
- Worm wheel– worm decelerating device is adopted on the rollover process to obtain a stable rollover speed with the angle range of 120° . It has the advantages of large rollover moment, self lock function, reliable orientation.
- It can steadily sit on the ground, and generally do not need being fixed to the groundwork, which make it easy to move.
- Using hand controller to realize remote control, easy to operate. The linkage connection on the electrical box make the positioner able to realize linkage function with manipulator and welding machines manufactured by us or other companies.
- Applicable to welding all kinds of axes, tray, tubbiness like work piece.



TB1-Series

Technical Specifications

Model	TB1-6	TB1-12	TB1-20	TB1-30	TB1-40	TB1-50	TB1-80	TB1-100	TB1-150	TB1-200	TB1-250
Rated weight bearing(kg)	600	1200	2000	3000	4000	5000	8000	10000	15000	20000	25000
Turning velocity (r/min)	0.05-0.5	0.03-0.3	0.03-0.3	0.03-0.3	0.03-0.3	0.02-0.2	0.02-0.2	0.02-0.2	0.02-0.2	0.02-0.2	0.02-0.2
Overtuning velocity (r/min)	0.75	0.37	0.37	0.37	0.37	0.25	0.25	0.2	0.15	0.15	0.15
Turning angle (°)	0-120	0-120	0-120	0-120	0-120	0-120	0-120	0-120	0-90	0-90	0-90
Diameter of working table (mm)	800	1100	1100	1400	1400	1600	1800	2000	2200	2500	3000
Height of working table (mm)	1000	1250	1250	1600	1600	1800	1800	2100	2300	2600	3100
Max Load Eccentricity (mm)	150	200	200	200	200	200	200	200	200	200	200
Max Load Gravity (mm)	200	250	300	300	300	300	350	400	500	600	650
Turning motor power (kw)	0.37	1.5	1.5	2.2	2.2	2.2	3	3	4	5.5	5.5
Overtuning motor power (kw)	0.75	0.75	1.1	2.2	3	3	4	5.5	7.5	11	15

Welding Positioner

TIME
GROUP INC

TB1 series

29

Minitype positioner is driven by DC motor which is stepless speed regulation. It is controlled by Micro-computer when the positioner and the welding power source are connected together to use. This product with professional anti-EMI characteristic, high-frequency interference can be avoided during welding. Its drive system with worm wheel and worm is self-locked. The overturning angle of worktable is 0-90°. It can turn stepless. Gun support, adjustment part, rail and core clumper can be configured according to use's needs to realize workpiece's automatic welding.



TB1-01



TB1-05



TB1-1



TB1-3T



B1-5

Technical Specifications

Model/T	B1-01T	B1-05T	B1-1	TB1-3T	B1-5	
Rated weight bearing (kg)	10/5	50/251	00/503	00/150	500	
Turning velocity (r/min)	2~20	1~7/15	0.2~7/15	0.2~2.50	.05~0.5	
Overturning velocity (r/min)	manual turning	manual turning	manual turning	manual turning	0.5	
Overturning angle(°)	0~90	0~90	0~90	0~90	0~90	
Diameter of working table (mm)	1803	15	3454	50	650	
Height of working table (mm)	2153	75	4155	00	675	
Max Load Eccentricity (mm)	---	---	---	1503	00	
Max Load Gravity (mm)	---	---	---	---	300	
Turning motor power(w)1	08	01	20	2003	00	
Overturning motor power (w)	---	---	---	---	300	
Dimension	L(mm)3	70	4305	00	5006	50
	B(mm)	2704	30	4705	20	800
	H(mm)2	15	3754	15	5006	75