



POSITIONER

Compact / Reliable / High Quality

Welding Equipment

POSITIONER

With proper fixture, a welding positioner grips and rotates the workpiece setting up ergonomic working posture during welding, machining and assembly of workpieces for the operator and providing faster and more efficient process.

ProArc PT series welding positioners allow steel fabrication shops operator to position the jobs for 'downhand' position in the shortest possible time, without the use of cranes and manpower. The constructions of ProArc positioners provide safe, long-life operation and trouble-free service.



Features

- Capacities range from 100 to 20,000 kilograms 360° degree rotation, 135° degree tilts on all models.
 - High frequency protected.
 - Machined "T" slots table with pilot and through hole.
 - High quality worm gear reducers for smooth operation and minimal backlash.
 - Free maintenance grounding system.
 - AD type adjustable table height option available.
 - Standard forward/reverse rotation and variable speed control.
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Optional accessories

- Current brush with higher amperage capacity
- Grippers
- Servo motor for rotational axis
- Variable speed foot control



CB-102 / CB-102D

Digital controller with reference function for 100kg, 200kg positioner.



CB-500

Advanced ServoArc controller.



AD type

Adjustable height positioner.



PG-150

3-Jaw gripper
OD 4 - 150 mm.



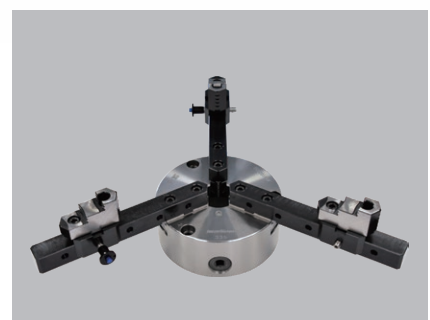
PG-450L

3-Jaw gripper
OD 4 - 450 mm.



PG-500

3-Jaw gripper
OD 4 - 500 mm.



Specification

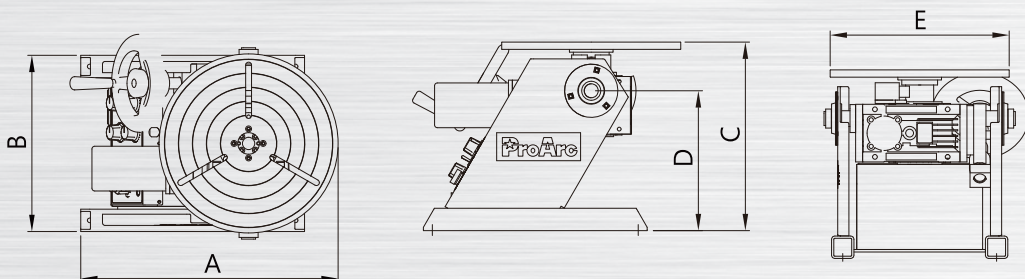
Model	Unit	PT-103(4)	PT-203(4)	PT-500(M)	PT-1000	PT-2000	PT-3000	PT-5000	PT-10K	PT-15K	PT-20K	
Power input	~	AC 100~240V, 50/60Hz, 1 Phase				AC 220V 50/60Hz 1 Phase	AC 220V, 50/60Hz, 3 Phase					
Overall length (A)	mm	460	460	750	1,100	1,380	1,540	1,800	2,450	2,720	3,050	
Overall width (B)	mm	315	315	650	930	1,200	1,310	1,470	1,800	2,000	2,250	
Overall height (C)	mm	340	340	620	800	1,036	1,140	1,250	1,460	1,630	1,785	
Center to floor (D) (AD type)	mm	250	250	540 (540~915)	700 (700~1,075)	900 (900~1,300)	1,000 (1,000~1,500)	1,100 (1,100~1,800)	1,250 (1,250~2,050)	1,400 (1,400~2,400)	1,530 (1,530~2,530)	
Capacity	kg	100/60	200/130	500	1,000	2,000	3,000	5,000	10,000	15,000	20,000	
Rated center of gravity	mm	100			300	300	300	300	300	300	300	
Rated eccentricity	mm	Please refer to ※3			100	200	300	200	200	300	300	
Table dimension (E)	mm	320	320	450	600	800	1,000	1,200	1,500x1,500	1,750x1,750	2,000x2,000	
Table slot bolt size		M10	M10	M12	M12	M16	M20	M24	M30	M30	M30	
Tilt range	deg	0~120	0~120	0~135	0~135	0~135	0~135	0~135	0~135	0~135	0~135	
Rotation speed	rpm	Please refer to ※3			0.12~2	0.05~1	0.05~0.8	0.05~0.8	0.04~0.8	0.02~0.5	0.01~0.25	
Welding timer	sec	0~60	0~60	0~60								
Earthing	amp	200	200	400	400	800	800	800	800	800	800	
Weight	kg	38	42	135	350	750	1,800	2,800	4,200	5,300	6,500	

※1 Digital type (PT-104, PT-204)

※2 Manual Tilt (PT-500M)

※3 Please refer to E.Z.Arc catalogue

Dimensions



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