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**WELDMATIC**

— AUTOMATION —



# Positioners and Track



## U-type Positioner / 1 Axis

Model	U1-250-1800/800	U1-500-1800/800	U1-1000-1800/800	U1-250-2500/800	U1-500-2500/800	U1-1000-2500/800	U1-2000-3000/800	U1-3000-3000/800
Payload (kg)	250	500	1000	250	500	1000	2000	3000
Height (mm)	650						950	
Frame Size (mm)	1800X1800			2500X800			3000X800	
Rotating Speed (°/s)	78	78	74	78	78	74	64.5	22.6



## Turn-table / 1 Axis

Model	TT1-250-400	TT1-500-400	TT1-750-400
Payload (kg)	250	250	750
Frame Size (mm)	400		
Rotating Speed (°/s)	76.4	67.8	45.3



## L-type Positioner/ Axis

Model	L1-250-400	L1-500-400	L1-1000-800	L1-2000-800
Payload (kg)	250	500	1000	2000
Frame Size (mm)	400		800	
Rotating Speed (°/s)	67.7	45	12.6	11.66



## P-Type Positioner / 2 Axis

Model	P2-250-800	P2-500-800
Payload (kg)	250	500
Frame Size (mm)	800	
Rotating Speed (°/s)-Flipping Axis	78	45
Rotating Speed (°/s)-Rotating Axis	76.4	67.7



## LU-type Positioner / 2 Axis

Model	LU2-2500-1800/800	LU2-500-1800/800	LU2-1000-1800-800	LU2-2000-1800/800
Payload (kg)	250	500	1000	2000
Frame Size (mm)	1800X800			
Rotating Speed (°/s)-Flipping Axis	42.7	12.5	12.5	11.6
Rotating Speed (°/s)	78	78	70	64.9

# Positioners and Track



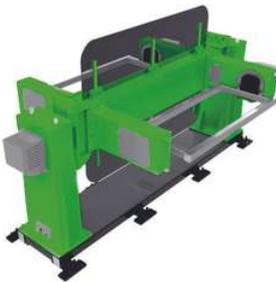
### UT-type Positioner / 2 Axis

Model	UT2-250-1200	UT2-500-1200	UT2-250-1400	UT2-500-1400	UT2-1000-1500	UT2-1000-1600
Payload (kg)	250	500	250	500	1000	1000
Table diameter (mm)	1200		1400		1500	1600
Rotating Speed (°/s)-Flipping Axis	45				42	
Rotating Speed (°/s)-Rotating Axis	67.7				42	



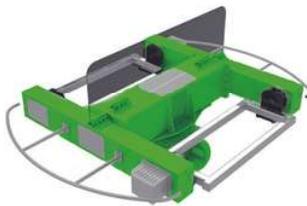
### L-type Positioner / 2 Axis

Model	L2-250-800	L2-500-800	L2-1000-800	L2-2000-800
Payload (kg)	250	500	1000	2000
Table diameter (mm)	800		1200	2000
Rotating Speed (°/s)-Flipping Axis	45.3	42	12.6	11.6
Rotating Speed (°/s)-Rotating Axis	76.4	67.8	42.7	24.5



### U-type Positioner / 3 Axis

Model	U3-250-1800/800	U3-500-1800/800	U3-1000-1800/800	U3-250-2500/800	U3-500-2500/800	U3-1000-2500/800
Payload (kg)	250	500	1000	250	500	1000
Frame Size (mm)	1800X800			2500X800		
Rotating Speed (°/s)-Flipping Axis	64	64	22.6	64	64	22.6
Rotating Speed (°/s)-Rotating Axis	78	78	70	78	78	70



### Horizontal Rotating Positioner / 3 Axis

Model	HRU3-250-1800/800	HRU3-500-1800/800	HRU3-1000-1800/800	HRU3-250-2500/800	HRU3-500-2500/800	HRU3-1000-2500/800
Payload (kg)	250	500	1000	250	500	1000
Frame Size (mm)	1800X800			2500X800		
Rotating Speed (°/s)-Flipping Axis	78	78	74.5	78	78	74.5
Rotating Speed (°/s)-Rotating Axis	42	24.5	11.6	42	24.5	11.6



### Track / Axis 1

Model	R1-500	R1-1000	R1-2000
Payload (kg)	500	1000	2000
Effective working length	1. Effective working length is 3m for 4m rail module, including base but without cover. 2. Effective working length is 5m for 6m rail module, including base but without cover. 3. Effective working length decreases by 20% if cover is added.	1. Effective working length is 2.5m for 4m rail module, including base but without cover. 2. Effective working length is 4.5m for 6m rail module, including base but without cover. 3. Effective working length decreases by 20% if cover is added.	1. Effective working length is 2.5m for 4m rail module, including base but without cover. 2. Effective working length is 4.5m for 6m rail module, including base but without cover. 3. Effective working length decreases by 20% if cover is added.
Maximum moving speed (mm/s)	800	500	500