

PANASONIC WELDING ROBOTS



The Arc Welding Robot System

Robot and controller fused with welding power source and servo wire feeder to one unit. Faster, better and worldwide unique. All from one manufacturer that pays off.



WG3
350A, 80% ED / DC
(pulse 60% ED / DC)



WGH3
450A, 100% ED / DC
(standard / pulse)

TAWERS 100 kHz advanced inverter technology

- Low spatter welding
- Welding with less heat input
- Thin and thick plate welding with one system
- Rework elimination / reduction
- High flexibility in weld process
- Reduction of production costs
- Improve quality and productivity



TM-1100



TM-1400



TM-1800

PANASONIC WELDING ROBOTS

TM-Series

Specifications

Model	6 Axes	TM-1100	TM-1400	TM-1800
Payload (kg)		6	6	6
Max. Speed	RT Swivel	225°/s	225°/s	195°/s
	UA For/Backward	225°/s	225°/s	197°/s
	FA Up/Downward	225°/s	225°/s	205°/s
	RW Rotation	425°/s	425°/s	425°/s
	BW Bending	425°/s	425°/s	425°/s
	TW Twisting	629°/s	629°/s	629°/s
Max. Reach (m)	m)	1.163	1.437	1.809
Repeatability		± 0,08 mm or less		
Approximate Weight (kg)		156	170	215



TL-1800



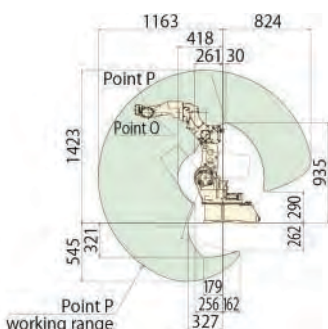
TL-2000

TL-Series

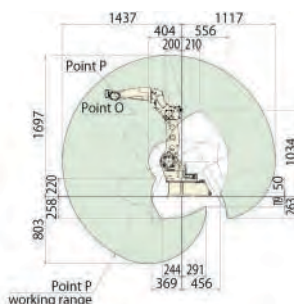
Specifications

Model	6 Axes	TL-1800	TL-2000
Payload (kg)		8	6
Max. Speed	RT Swivel	195°/s	195°/s
	UA For/Backward	197°/s	197°/s
	FA Up/Downward	205°/s	205°/s
	RW Rotation	385°/s	385°/s
	BW Bending	375°/s	375°/s
	TW Twisting	624°/s	624°/s
Max. Reach (mm)		1.801	1.999
Repeatability		± 0,08 mm	± 0,15 mm
Approximate Weight (kg)		215	216

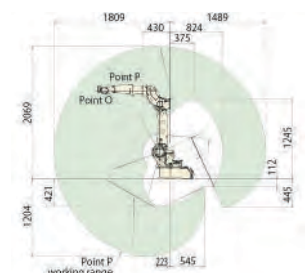
TM-1100



TM-1400

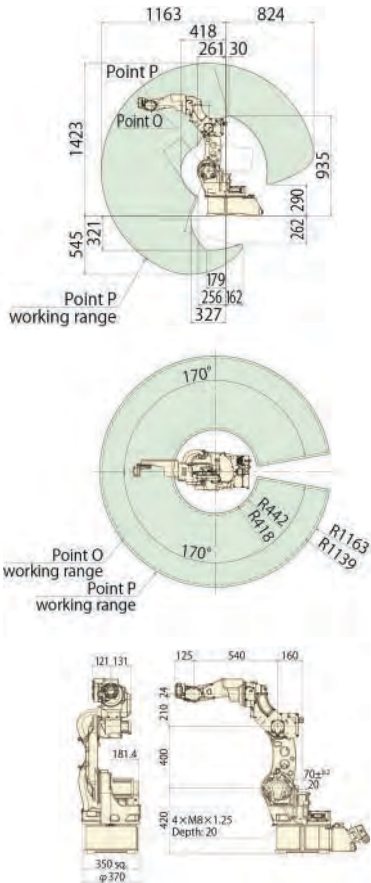


TM-1800

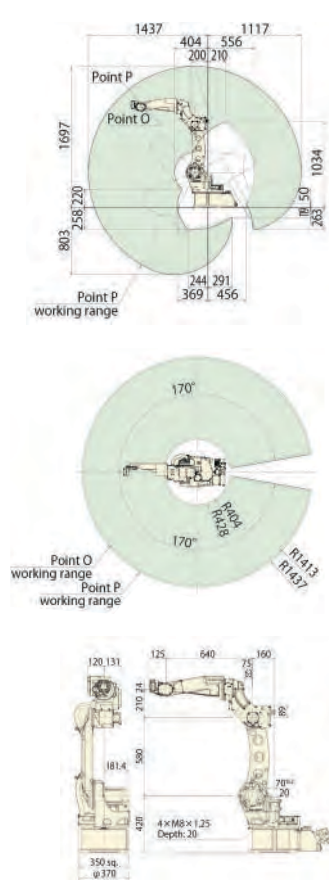


PANASONIC WELDING ROBOTS

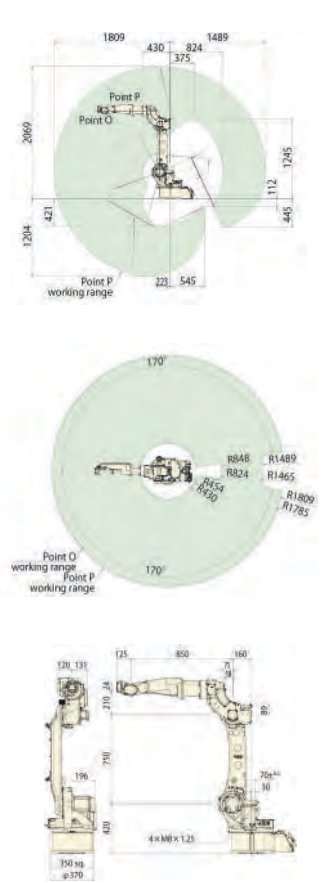
TM-1100



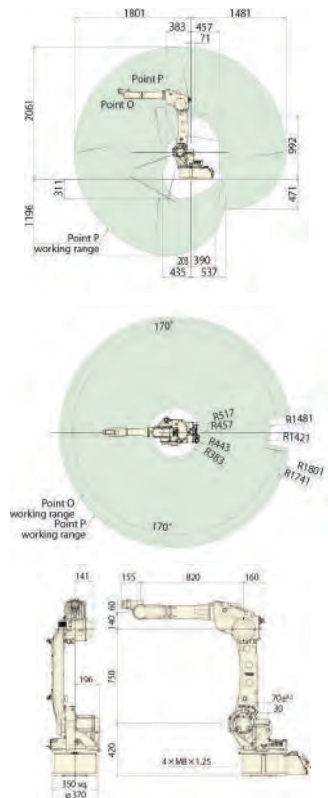
TM-1400



TM-1800



TL-1800



TL-2000

