



With a maximum reach of 2 metres, these speed of these robot arms in the major axis is amongst the fastest in industry.

TL series

The new developed TL Robot series by Panasonic has the opportunity to work in a 2 meter working area for wide and maximum reachable welding procedures. With the efficient and rapid mechanical system this robot is the fastest robot on the market. Compared to former products the speed of the major axis is adjusted to its maximum. An integrated wire feeder and an optional usable wire guiding are only two outstanding advantages of the new Panasonic robot model. The new torch design allows an optimal adjustment of the welding torch according to the installed TCP-properties. Through this an improved path accuracy and therefore an optimal welding result can be achieved.

TL series

<https://eu.connect.panasonic.com/cz/cs/robot-welding/industrial-robots/tl-series>

Payload	TL 1800: 8kg
	TL 2000: 6kg
Repeatability	TL 1800: ± 0.15mm
	TL 2000: ± 0.15mm
Weight	TL 1800: 215kg
	TL 2000: 216kg
Max. Reach	TL 1800: 1.801mm
	TL 2000: 1.999mm
Max. Speed Swivel	TL 1800: 195°/sTL 2000: 195°/s
Max. Speed For/Backward	TL 1800: 197°/sTL 2000: 197°/s
Max. Speed Up/Downward	TL 1800: 205°/sTL 2000: 205°/s
Max. Speed Rotation	TL 1800: 385°/sTL 2000: 385°/s
Max. Speed Bending	TL 1800: 375°/sTL 2000: 375°/s
Max. Speed Twisting	TL 1800: 624°/sTL 2000: 624°/s