



**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/gb/en/products/robot-welding/tl-series>

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