



EASY TO USE



HIGH SAFETY



HIGH WELDING SPEED



TR QUBO

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TECNOROBOT

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**your
robsolution.**

 **TECNOROBOT®**



WELDING
PENETRATION
(mm)

WOBBLE (mm)

TEMPERATURE (C°)

SPOT DENSITY

65 45 35

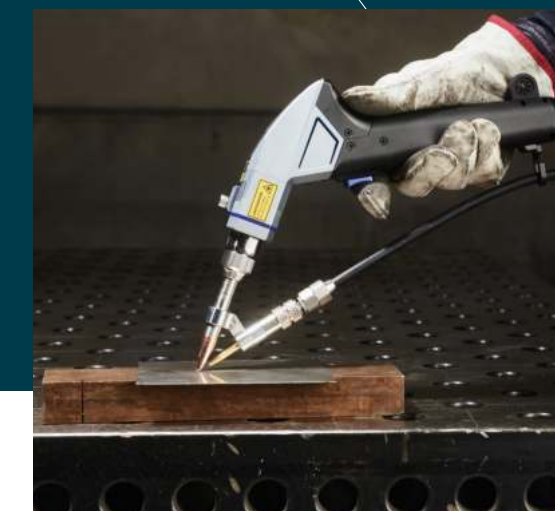
STAINLESS STEEL	6,5	4,5	3,5
CARBON STEEL	6,5	4,5	3,5
ALUMINIUM	5,5	4	2
GALVANIZED SHEET	6,5	4,5	3,5
BRASS	4,5	3,5	2
COPPER			

0 - 4
0 - 40
95,1 MW/cm ² 76,1 MW/cm ² 63,4MW/cm ²



ADVANTAGES

- > Ease of use
- > Exceptional quality of weld joints
- > High welding speed
- > Low welding operation costs
- > Significant decrease in thermally altered zones
- > Exceptionally high plant system safety levels



TR QUBO

MANUAL LASER WELDING

TR QUBO, a mobile welding system developed by Tecnorobot, revolutionises welding operations. In fact, it allows even the most inexperienced operators to use laser technology in a **simple, swift and friendly manner**, as well as to manually weld high-precision joints with an enhanced aesthetic appearance.

QUBO 15 also features a powerful built-in, air-cooled fibre laser generator. The HMI touchscreen also facilitates the input of different settings to facilitate easy welding operations with superior quality production results.



SAFETY

The TR QUBO mobile laser welding system is manufactured by Tecnorobot and stands apart for its outstanding performances in terms of welding quality as well as exceptionally high safety standards.

The laser device perfectly complies with all the characteristics envisaged by Class 4 of the IEC 60825 standard and it fully complies with the CE marking requisites.