

ISO 9001 Registered



Welbee



New Generation Digital Welding Machine

Realizing High Accuracy and High Quality

P500L

P400

M400L

M500

M400

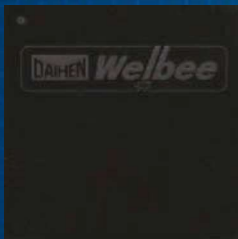


DAIHEN Corporation

Opening windows to a new world of welding!

Welding control LSI

Welbee



Welding control LSI “Welbee” which realises a significantly improved welding performance and enhanced IT functionalities

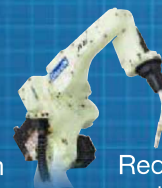
Evolution to nanotechnology is realized by introducing “Welbee”, uniquely developed by DAIHEN. “Welbee” realizes a precise waveform control by providing exact feedback of the ultra high-speed sampled welding current and voltage, in order to realize a high precision and high quality welding. Additionally the utilization of the integrated USB or LAN functionalities provides a smart welding control.

Significant improvement in welding performance

Realization of a flat and beautiful weld bead appearance

Realization of a low spatter generation equivalent to MAG welding even by CO₂ welding

M400L



Reduction by up to **80%** at 200A



Pursuing durability and maintainability

High dust resistance | Easy maintenance

Easy connection to an external unit



M400



M500



Significant improvement in the arc stability, from a low to a high electric current range.
Realization of a beautiful weld bead appearance with uniform weld bead end and less voltage fluctuation even during high speed welding.

M400L



Significant reduction in spatter generation, in the transitionsarc (150 - 230A).
Thanks to the new developed "CBT ex" process.

P400



Realization of a high quality pulse welding by utilizing an optimized waveform control according to various kinds of materials.
The arc stability is perfect even in a high-speed welding.

P500L



The top model, achieving an optimum welding performance in welding of steel, stainless, and aluminum.
It combines the new features of the M400/500, the M400L and the P4000 model and is the perfect choice for all kind of applications.