YASKAWA

Welding Wizard

Easy Programming of the Weld4Me and HC10DT IP67 robot

Welding Programming Tool

- Single window with main features at a glance
- Calibration assistance
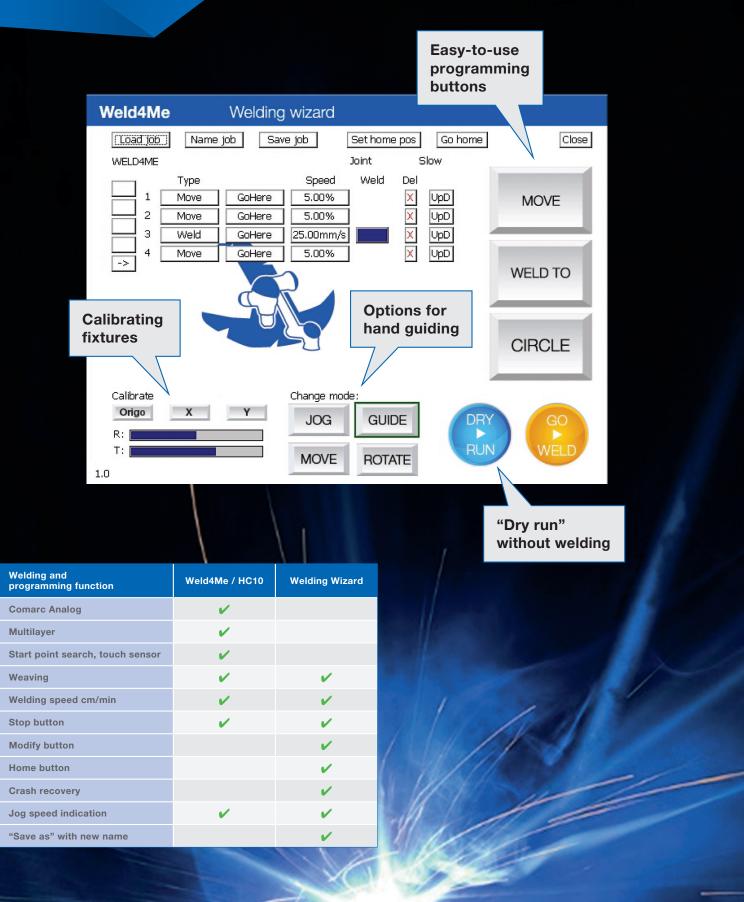- Dry run without actual welding

The Welding Wizard is designed to simplify the steps needed to create a working robot welding program with the Weld4Me and MOTOMAN HC10DT IP67 collaborative robot. By hand guiding the torch to the desired positions, the required movement and welding seam points can be taught easily.

Easy application window

Although the powerful robot programming pendant can be used, it is not necessary to learn all its functions, buttons and programming commands. The Welding Wizard application window guides through all the steps required for making a welding program.

Easy-to-use programming buttons, such as "Move", "Weld to" and "Circle", make it easy to put together a welding job for the robot. Before the actual welding process starts, the motions can be tested in a "dry run" for adjusting and verifying the program.

Controlled by YRC1000

Easy-to-use programming buttons

Weld4Me   Welding wizard

| Load job | Name job | Save job | | Set home pos | Go home | | Close |

WELD4ME   Joint   Slow

	Type		Speed	Weld	Del	
1	Move	GoHere	5.00%		X	UpD
2	Move	GoHere	5.00%		X	UpD
3	Weld	GoHere	25.00mm/s		X	UpD
4	Move	GoHere	5.00%		X	UpD

->

MOVE

WELD TO

CIRCLE

Calibrating fixtures

Options for hand guiding

Calibrate

| Origo | X | Y |

R:
T:

1.0

Change mode:

| JOG | GUIDE |
| MOVE | ROTATE |

DRY ▶ RUN

GO ▶ WELD

"Dry run" without welding

Welding and programming function	Weld4Me / HC10	Welding Wizard
Comarc Analog	✔	
Multilayer	✔	
Start point search, touch sensor	✔	
Weaving	✔	✔
Welding speed cm/min	✔	✔
Stop button	✔	✔
Modify button		✔
Home button		✔
Crash recovery		✔
Jog speed indication	✔	✔
"Save as" with new name		✔

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