WELDING NODE

A Software Package to Make Welding Easy

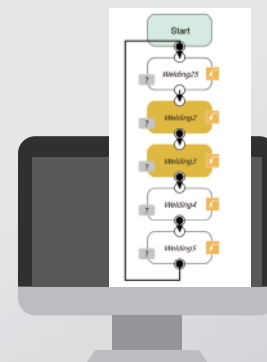**Welding Node is an Add-on Feature in TMflow™ 1.88**

1. Teach with Hands

- Teach robot with built-in buttons in a fast way
- Easy to operate
- Teach and start welding in MINUTES

2. Intuitive User-Interface

- Flow-based UI for ANY operator
- No more well-trained programmers needed
- Editable settings for welding parameters

#	Title	Voltage (V)	Current (A)	Weld Speed (mm/s)
1	Steel_5mm_1	28	110	10
2	Steel_6mm	32	150	5
3	Steel_8mm	32	200	5
4		0	0	0
5		0	0	0
6		0	0	0
7		0	0	0
8		0	0	0

3. Ready-to-use Configurator

- Built-in UNIVERSAL configurator to connect with common welding machines on market
- Supports I/O connections
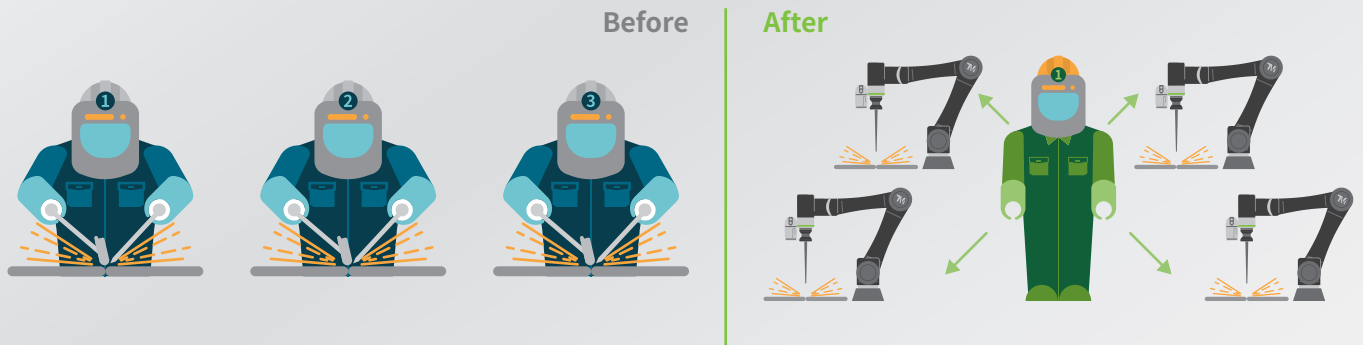- Suitable for MIG/MAG/TIG process

▪ PANASONIC 350VZ1   ▪ LORCH S-Series   ▪ And more

WHY COBOT WELDER?

1. Reduce Personnel Cost

- Worker shortage? Thanks to easy operation, ONE experienced welder now could operate multiple cobots
- Release the loading on welders, only MONITORING

Before | **After**

2. Flexible Solution

- Flexible solution due to lightweight design and could be RELOCATED easily
- No safety fence is needed and LESS space required
- Re-program to different welding tasks easily for HIGH-MIX production

Before | **After**

3. Stable Result & Reduce Risk

- STABLE result that is easy to manage and SCALE up/down
- REDUCE the cost and risk of occupational health and safety for personnel since fewer workers on site

Before | **After**

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