Powered by
Japan technology

PATAGONIA
CNC MACHINES

# PATAGONIA FRAMEPRO

## AUTOMATED WELDING OF TRAILERS, CHASSIS & DUMP TRUCKS

**The first welding system with automated AI software. Automated welding without programming the robot. Perfect structures, without human intervention.**

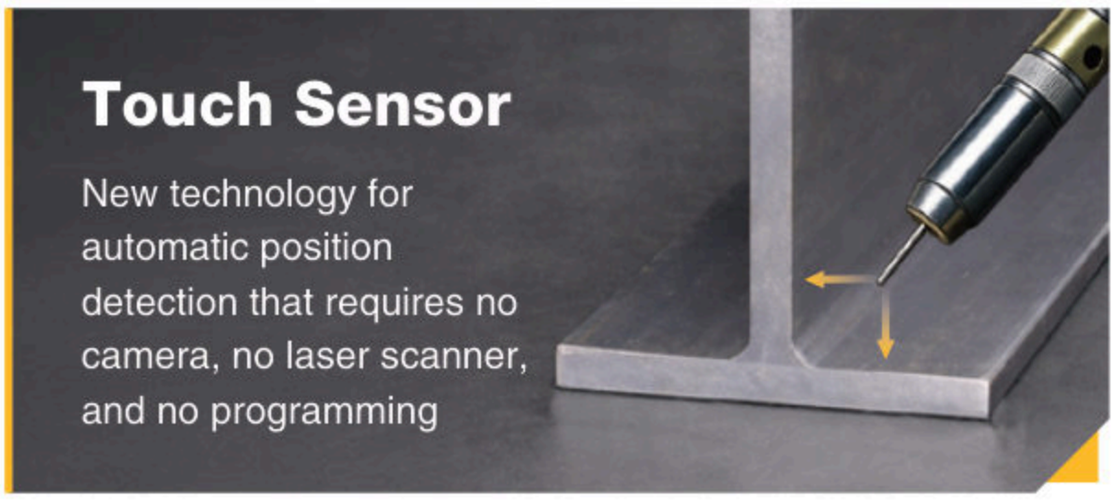


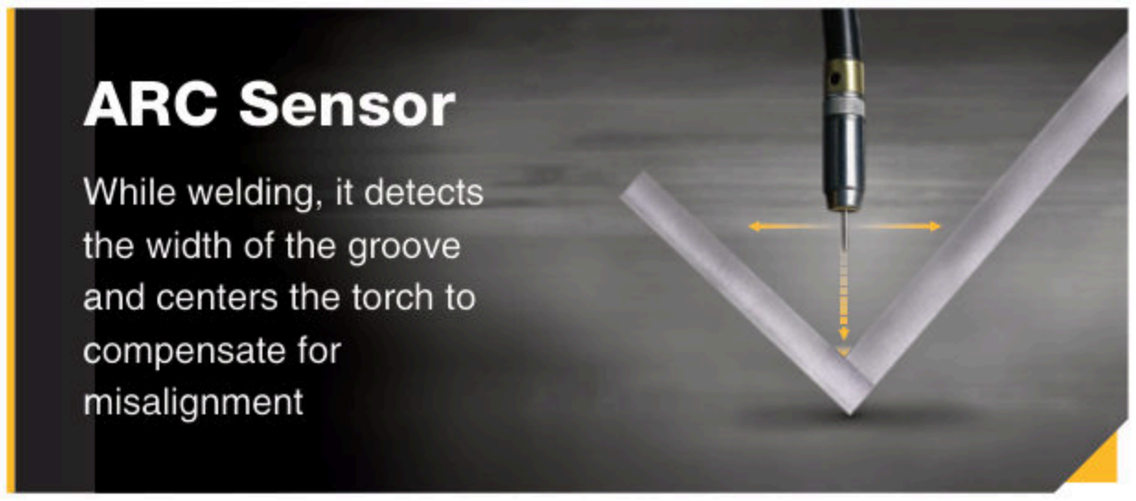
AI. SOFTWARE INTEGRATION

PerfectARC

INNOVATION IN AUTOMATION
& INDUSTRIAL DIGITALIZATION

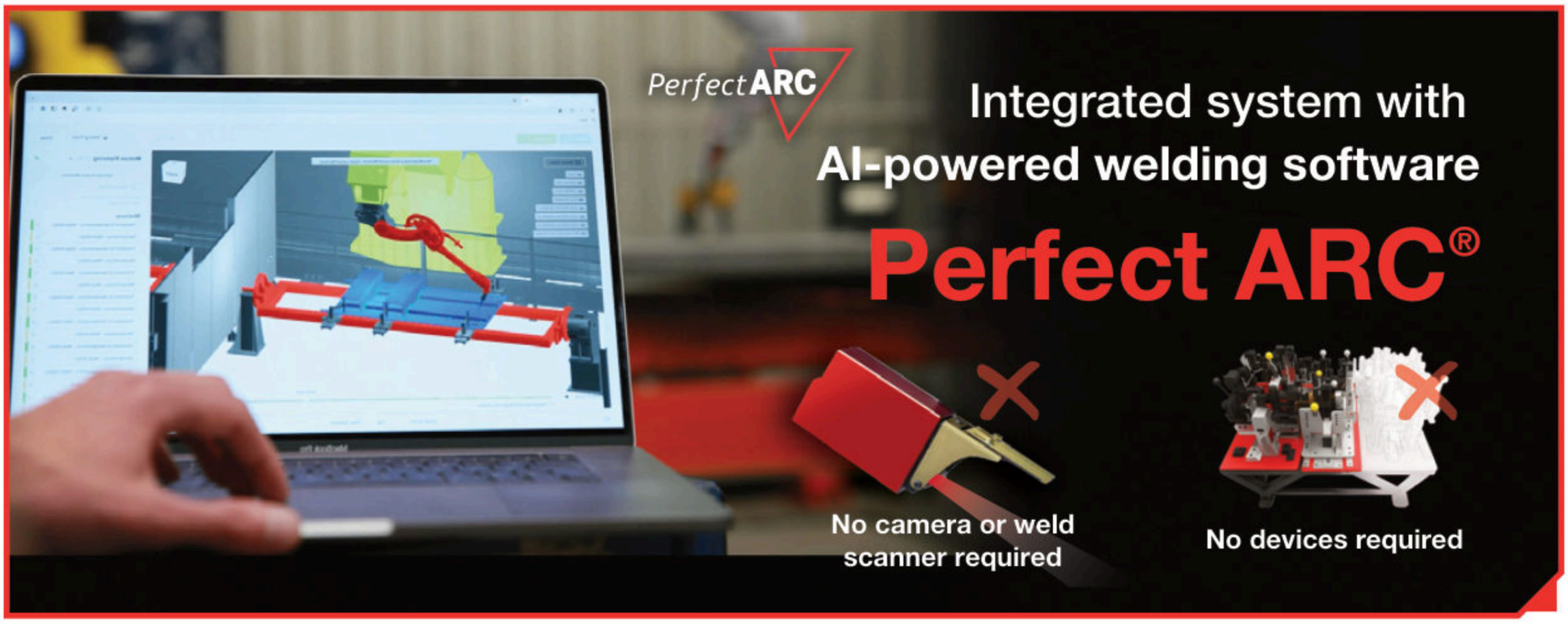

Panasonic Welding Robot
A global leader in welding robotics, manufactured entirely in Japan, the Tawer G4 series offers the only integrated communication system on the market, with communication speeds 250 times faster than conventional systems.
The patented collision-avoidance system prevents TCP loss; see other advantages.
Panasonic


Touch Sensor
New technology for automatic position detection that requires no camera, no laser scanner, and no programming


ARC Sensor
While welding, it detects the width of the groove and centers the torch to compensate for misalignment


Welding of connectors and reinforcements in a single operation
Designed exclusively for welding structural profiles: H- and W-beams, HSS columns, channels, and fabricated beams. Maximum efficiency for streamlined, standardized production


No programming required
2 hours of training
No hardware required—just an internet connection

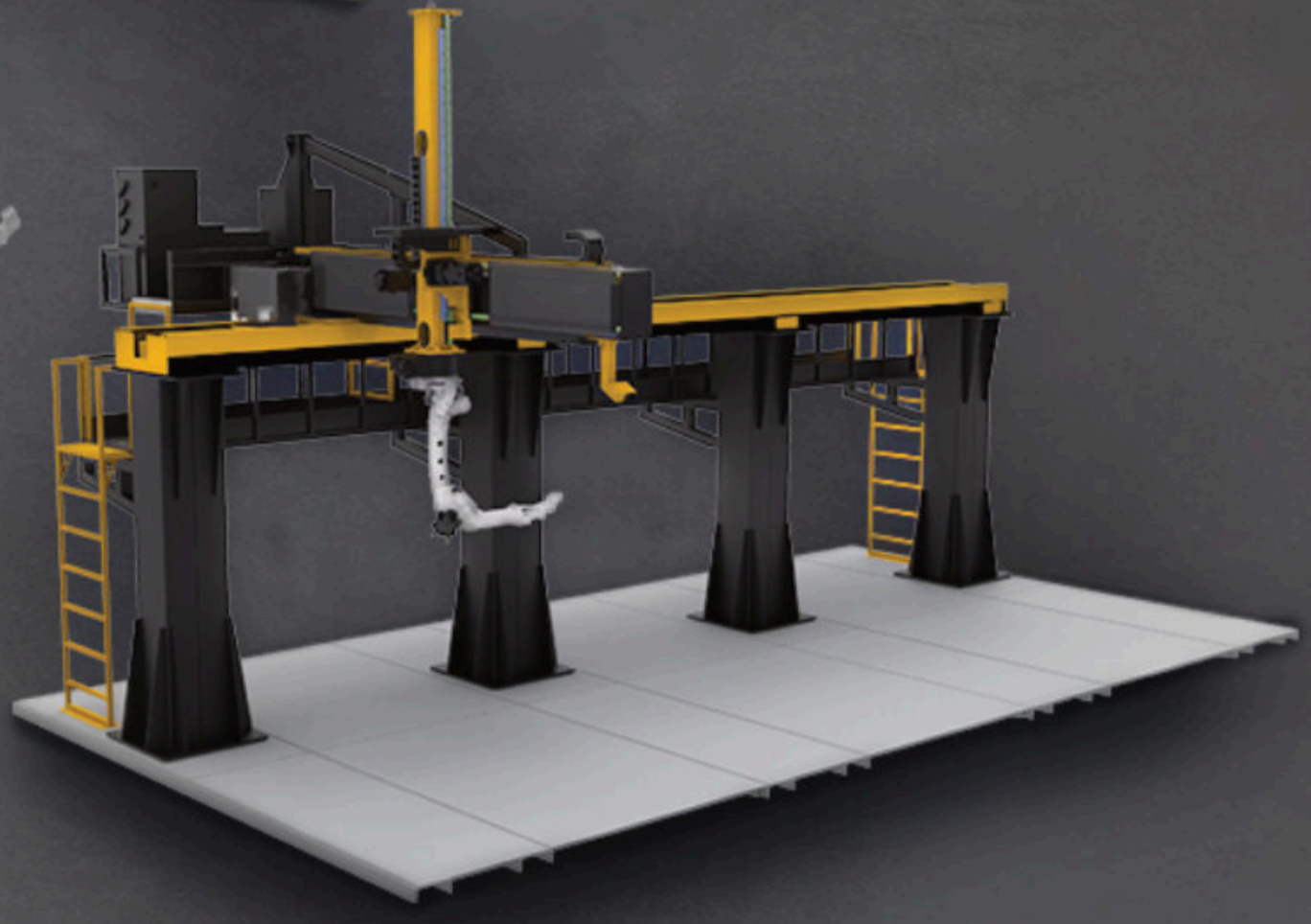

PerfectARC
Integrated system with AI-powered welding software
Perfect ARC®
No camera or weld scanner required
No devices required

# Modular Design

FramePro can be adapted to different configurations







| Features | Patagonia FramePro | Manual Welding | Robot with camera |
|---|---|---|---|
| Programming time | None | N/A | High |
| Compatible welding equipment | ★★★★ | ★★★★★ | ★★ |
| Environment preparation | Not required | Requires preparation | Requires preparation |
| Operator skill level | Low | High | Very high |
| Requires devices (flexibility) | Not required | Not required | Requires device |
| Efficiency loss due to sensing | Low | N/A | High |

# Global Leader in Metallurgical Automation

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