



The New Standard for High-Speed, High-Quality Welding

Next Generation of Synchro Feed Standard Machine

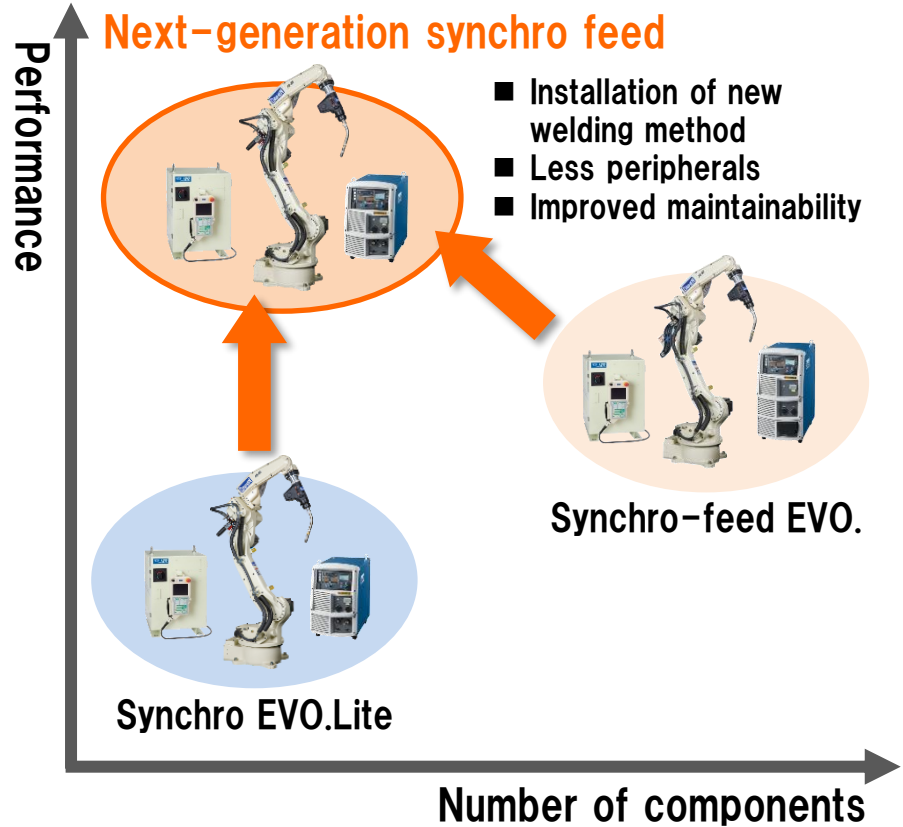
Problems at the welding site

- Generation of post-process associated with sputter deposition
- To reduce product weight and ensure strength
- Increased material type (AL, SUS, etc...)

Synchro-feed welding system

- Ultra-low sputtering
- Low heat input, high welding
- Multi-material compatibility

Synchro feed evolves further



Further evolution of conventional high-quality welding

- Welding speed 1.2 times faster or more
- New welding method developed

High maintainability

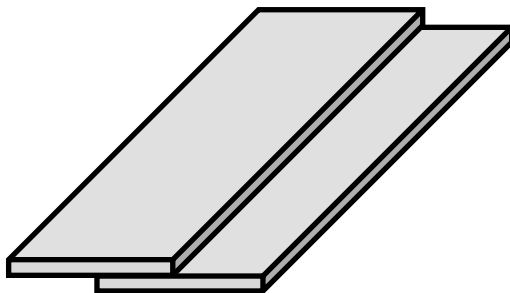
- Reduced equipment and simple configuration
- Reduced consumable parts, lower running costs (25% reduction)
- Enclosure structure for easy discharging of dust, etc. (Cleaning once/week → once/3 months)

We offer a high-quality welding system that is easy to use.

	EVO	EVOLite	Next-generation synchro
Synchro welding	★★	★★	★★★★
High current range (above 300 A)	★★	-	★★
Alternating current welding	★★	-	★★
Reel wire compatible	★★	-	★★
Aluminum wire compatible	★★	-	★★
Maintainability	★	★★	★★★★
Running cost	★	★★	★★



Ultra-low spatter high-speed weld of plate thickness 2.3 mmt



Welding conditions	
Welding current and voltage	250 A、17.0 V
Welding speed	120 cm/ portion
Base metal	SPCC plate thickness 2.3 mmt lap fillet
Shield gas	MAG
Wire	YM-28 1.2 mm Φ (pack wire)

**Provides the highest quality welding system
that enables DAIHEN's new synchro feed to
be handled easily**

DAIHEN