

# Super Active TAWERS WGIII

**APPLICATION TYPE**

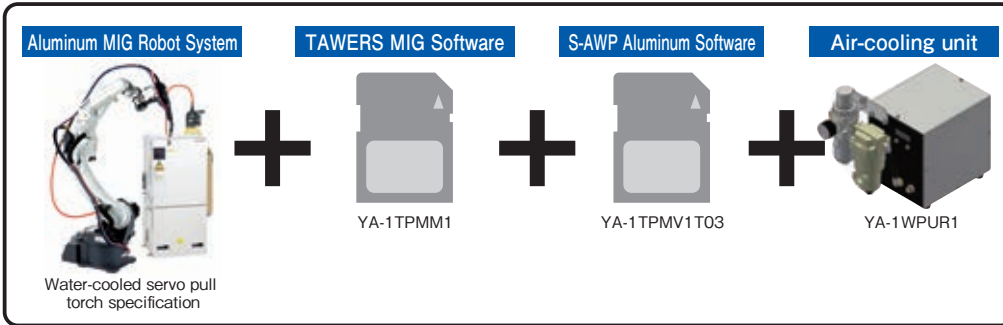
Super Active Wire Feed Process (S-AWP)  
Also Available on Aluminum

## Super Active TAWERS Aluminum

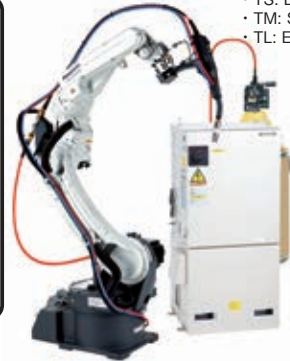
Super Active TAWERS's very low-spatter performance is applied to aluminum MIG.

WGIII		
TS	TM	TL
800	1100	1800
950	1400	2000
	1600	
	1800	
	2000	

- TS: External
- TM: Separate
- TL: External



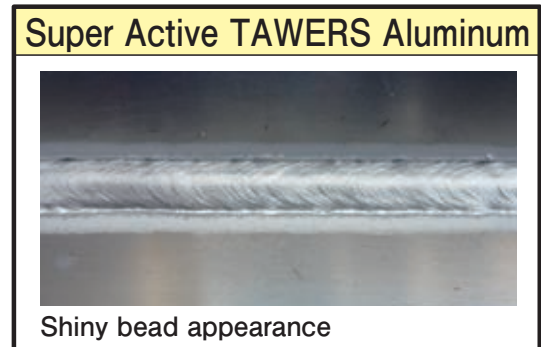
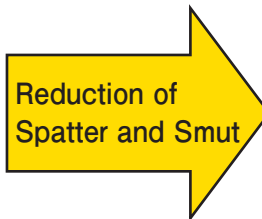
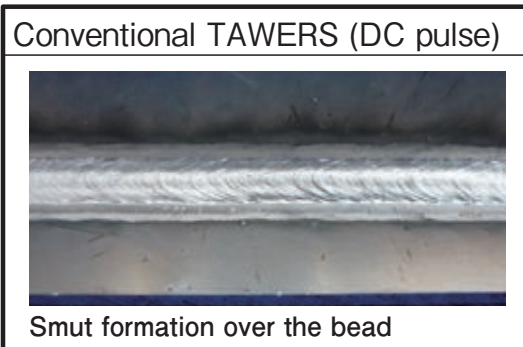
Consult us for details.



### Super Active Wire Feed Process for aluminum MIG! Less spatter and smut!

- S-AWP's low-spatter performance proven in mild steel is applied to aluminum.
- Wider current range (40 to 180 A) allows higher welding speed and welding of thinner and thicker plates.

Example of medium thickness (30 mm) plate



Weld conditions: •Base metal: A5052 •Joint: Fillet  
•Weld current: 155 A •Weld speed: 60 cm/min  
•Plate thickness: 3.0 mm

### Great for thin aluminum welding!

Example of 0.6 mm thin plate welding



Weld conditions: •Base metal: A5052 •Joint: Butt •Weld current: 50 A  
•Weld speed: 150 cm/min •Plate thickness: 0.6 mm

**APPLICATION TYPE**

## Pull AC-MIG System

AC Unit

AC control and stable wire feed for high quality aluminum MIG welding.

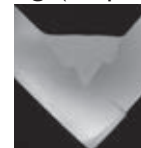
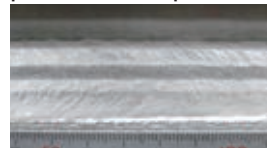
Powerful output for various welding. AC Unit increases applications of aluminum MIG welding.

Note: This system cannot be used in combination with TAWERS Aluminum function. YX-350AC1



**350 A rated output** Thin to thick plates

Supports both delicate thin aluminum AC welding and powerful thick plate welding. (Output current: 22 A to 350 A)



Weld conditions:  
• Joint: Flat fillet welding  
• Base metal: A5052  
• Plate thickness: 15.0 mm  
• Wire: A5356WY (1.2 mm)  
• Weld speed: 40 cm/min  
• Weld current:  
280 A DC for one pass,  
250 A DC for two or three passes.