Weldcraft™ Air-Cooled Torches

Recommended for welding amperages under 250 amps. Air-cooled torches are great for portable applications as they do not require a water-circulator. For power sources without a built-in gas solenoid the air-cooled two-piece torch is the solution of choice.

Weldcraft™ Water-Cooled Torches

Recommended for welding amperages above 200 amps. Offering a small torch design, water-cooled torches allow for precise control due to the efficient around-the-head cooling. This same cooling allows for extended torch life and higher amperage capacities.

Weldcraft™ Specialty Torches

Specialty torches are designed to fit best in unique applications. The Modular Series torches allow for a quick change to many different torch styles for any joint configuration. For those hard-to-reach areas the W-125 MicroTIG® torch provides access and superior maneuverability.

Weldcraft™ Automation Torches

Ideal for mechanized applications, the Weldcraft Automation Series offers air-cooled and water-cooled torches designed for low- and high-amperage mechanized applications.

Process
- TIG (GTAW)

Suggested power sources
- Multimatic® 215 (A-150)
- Multimatic® 220 AC/DC (A-150)
- Multimatic® 235 (A-150)
- Multimatic® 255 (A-150)
- Maxstar® 280 Multiprocess (A-200, A-250, W-280)
- Dynasty® 300 Multiprocess (A-200, A-250, W-280)
- XMT Series (A-200, A-250)
- CST™ 282 (A-250)
- Maxstar® 161 STL/STH (A-150)
- Syncrowave® 210 (A-150)
- Syncrowave® 300 (W-280)
- Syncrowave® 400 (W-375)
- Maxstar® 210 (A-150, W-250)
- Maxstar® 280 (A-200, A-250, W-280)
- Dynasty® 210 (A-150, W-250)
- Dynasty® 300 (A-200, A-250, W-280)
- Maxstar®/ Dynasty® 400 (W-375)
- Dynasty® 800 (W-400)

Weldcraft™ A-80 Series

See literature AY/21.0

Formerly known as WP-24 Series

A-80 Flex (WP-24F)

A-80 Flex Valve (WP-24FV)

Innovative air-cooled torches designed for intricate welding applications, especially in limited-access areas and on thin-gauge materials.

Featherweight torch body is well balanced to improve operator comfort and control.

Minimize discontinuities. Insulating gasket on torch body minimizes gas leakage and minimizes weld discontinuities.

Combined flexible neck and gas valve (A-80 Flex Valve) is ideal for optimal positioning and gas flow control.

Applications
- Shipbuilding
- Motorsports
- Aerospace
- Restricted areas

Most popular consumables
- Collets
  - 53N16 1.0 mm (.040 in.)
  - 53N14 1.6 mm (1/16 in.)
  - 24C332 2.4 mm (3/32 in.)
- Collet Bodies
  - 53N18 1.0 mm (.040 in.)
  - 53N19 1.6 mm (1/16 in.)
  - 24CB332 2.4 mm (3/32 in.)
- Alumina Nozzles
  - A53N24 #4, 6.4 mm (1/4 in.)
  - A53N25 #5, 7.9 mm (5/16 in.)
  - A53N27 #6, 9.5 mm (3/8 in.)

Most popular accessories
- Collet Body Wrench 53N20

Model	Rubber 3.8 m (12.5 ft.)	7.6 m (25 ft.)	Type	Rated Output	Electrode Range
A-80 Flex	WP-24F-12-R	WP-24F-25-R	Air-cooled	DC: 80 A at 60% duty cycle AC: 50 A at 60% duty cycle	0.5–2.4 mm (.020–3/32 in.)
A-80 Flex Valve	WP-24FV-12-R	WP-24FV-25-R			