



# COLD WIRE FEEDER UNITS & TORCHES

FOR SPECIFIC APPLICATIONS

## WF-1 & WF-3 COLD WIRE FEEDER UNITS



**WF-1**

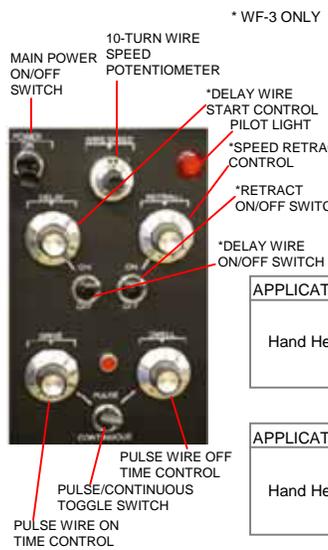
Voltage: 115V AC  
(220V AC 50 hz. -special item)  
Phase: Single Phase  
Frequency: 50 / 60 hz  
Height: 15 in. (38.1 cm)  
Width: 10 in. (25.4 cm)  
Length: 21 in. (53.3 cm)  
Weight: 39 lbs. (17.7 kg)  
Motor Type: DC permanent magnet  
Motor Rating: 1/3 hp at 4000 rpm  
Filler Wire Spool Size: 12 in. (30.5 cm)  
Filler Wire Sizes: .023" (.5mm), .030" (.8mm), .035" (.9mm), .045" (1.1mm), 1/16" (1.6mm).

Wire Feed Speed Range: 0 - 500 ipm (0 - 1250cm)  
Feed Time (pulsed mode): continuously variable  
Dwell Time (pulsed mode): continuously variable  
(WF-3 only) Delay Start Time: continuously variable  
(WF-3 only) Wire Retract Time: continuously variable



**WF-3**

### Front Panel (WF-3) Control



- Automates adding of filler metal in TIG Welding.
- All weld parameters can be duplicated.
- Dual Groove Drive Roll system accepts multiple wire sizes.
- Eliminates TIG rod stub loss.
- Cabinet keeps filler wire clean.
- Makes fully automatic machine TIG welding possible.
- Results are consistent and high quality welds

### WF1 COLD WIRE FEED UNIT (CK EXCLUSIVE)

APPLICATION	WIRE SIZE	DRIVE ROLL	PART NUMBER	PRICE EA
Hand Held	.020" - .035"	20-35DR	WF1-035	\$2,350.00
	.030" - .045"	30-45DR	WF1-045	\$2,350.00
	.045" - 3/64"	45-564DR	WF1-364	\$2,350.00
	3/64" - 1/16"	45-564DR	WF1-116	\$2,350.00

### WF3 COLD WIRE FEED UNIT (CK EXCLUSIVE)

APPLICATION	WIRE SIZE	DRIVE ROLL	PART NUMBER	PRICE EA
Hand Held	.020" - .035"	20-35DR	WF3-035	\$2,699.50
	.030" - .045"	30-45DR	WF3-045	\$2,699.50
	.045" - 3/64"	45-564DR	WF3-364	\$2,699.50
	3/64" - 1/16"	45-564DR	WF3-116	\$2,699.50

## THESE TORCHES ARE USED IN CONJUNCTION WITH WF1 AND WF3 WIRE FEEDERS.



### Water Cooled

300 amp ACHF or DCSP @ 100%  
8 in. (20.3 cm) • 5 oz (141 gm)  
3 Series Head Accessories  
(45V11) Power Cable Adapter

ALL  
\$495.00 Ea

### CWH2512 RIGID COLD WIRE TORCH

HEAD STYLE	CABLE	SIZE / TYPE	PART NUMBER
Rigid Head w/o Valve	12-1/2 ft Separate Cables 25 ft cables are available upon request.	.030" Soft	CWH2512-030S
		.030" Hard	CWH2512-030H
		.035" Soft	CWH2512-035S
		.035" Hard	CWH2512-035H
		.045" Soft	CWH2512-045S
		.045" Hard	CWH2512-045H
		1/16" Soft	CWH2512-116S
		1/16" Hard	CWH2512-116H



### Water Cooled

400 amp ACHF or DCSP @ 100%  
9 1/2 in. (24.1 cm) • 6 1/2 oz (184 gm)  
3 Series Head Accessories  
(45V11) Power Cable Adapter

ALL  
\$445.00 Ea

### CWH3512 RIGID COLD WIRE TORCH

HEAD STYLE	CABLE	SIZE / TYPE	PART NUMBER
Rigid Head w/o Valve	12-1/2 ft Separate Cables 25 ft cables are available upon request.	.030" Soft	CWH3512-030S
		.030" Hard	CWH3512-030H
		.035" Soft	CWH3512-035S
		.035" Hard	CWH3512-035H
		.045" Soft	CWH3512-045S
		.045" Hard	CWH3512-045H
		1/16" Soft	CWH3512-116S
		1/16" Hard	CWH3512-116H



### Water Cooled

ALL  
\$495.00 Ea

180 amp ACHF or DCSP @ 100%  
8 1/8 in- (20-6 cm) • 3 1/2 oz (99 gm)  
24 (8) SERIES Head Accessories  
(45V11) Power Cable Adapter

### CWH1812 RIGID COLD WIRE TORCH

HEAD STYLE	CABLE	SIZE / TYPE	PART NUMBER
Rigid Head w/o Valve	25 ft cables are available upon request.	.030" Soft	CWH1812-030S
		.030" Hard	CWH1812-030H
		.035" Soft	CWH1812-035S
		.035" Hard	CWH1812-035H
		.045" Soft	CWH1812-045S
		.045" Hard	CWH1812-045H
		1/16" Soft	CWH1812-116S
		1/16" Hard	CWH1812-116H



### Water Cooled

ALL  
\$495.00 Ea

300 amp ACHF or DCSP @ 100%  
8 1/4 in. (20-9 cm) • 3 3/4 oz (106 gm)  
2 Series Head Accessories  
(45V11) Power Cable Adapter

### CWH2312 RIGID COLD WIRE TORCH

HEAD STYLE	CABLE	SIZE / TYPE	PART NUMBER
Rigid Head w/o Valve	25 ft. cables are available upon request.	.030" Soft	CWH2312-030S
		.030" Hard	CWH2312-030H
		.035" Soft	CWH2312-035S
		.035" Hard	CWH2312-035H
		.045" Soft	CWH2312-045S
		.045" Hard	CWH2312-045H
		1/16" Soft	CWH2312-116S
		1/16" Hard	CWH2312-116H

## COLD WIRE TORCHES MACHINE MOUNTED



### Water Cooled

ALL  
\$495.00 Ea

300 amp ACHF or DCSP @ 100%  
18 in. (45-7 cm) • 6 oz (170 gm)  
2 Series Head Accessories  
(45V11) Power Cable Adapter

### CWM2312 MACHINE COLD WIRE TORCH

HEAD STYLE	CABLE	SIZE / TYPE	PART NUMBER
** Straight Barrel	12-1/2 ft Tri Flex 25 ft cables are available upon request.	.030" Soft	CWM2312-030S
		.030" Hard	CWM2312-030H
		.035" Soft	CWM2312-035S
		.035" Hard	CWM2312-035H
		.045" Soft	CWM2312-045S
		.045" Hard	CWM2312-045H
		1/16" Soft	CWM2312-116S
		1/16" Hard	CWM2312-116H



### Water Cooled

ALL  
\$475.00 Ea

350 amp ACHF or DCSP @ 100%  
18 in- (45-7 cm) • 6 1/4 oz (177 gm)  
2 Series Head Accessories  
(45V11) Power Cable Adapter

### CWM3512 MACHINE COLD WIRE TORCH

HEAD STYLE	CABLE	SIZE / TYPE	PART NUMBER
** Straight Barrel	12-1/2 ft Separate Cables 25 ft cables are available upon request.	.030" Soft	CWM3512-030S
		.030" Hard	CWM3512-030H
		.035" Soft	CWM3512-035S
		.035" Hard	CWM3512-035H
		.045" Soft	CWM3512-045S
		.045" Hard	CWM3512-045H
		1/16" Soft	CWM3512-116S
		1/16" Hard	CWM3512-116H

\*\* A separate remote switch, Part No. CWMES \$65.00 Ea, is required for complete installation.