



DCW-5-O (DCW-1500-O) Circle Welder



Features:

- OTC-DAIHEN Wire feeder control
- Wire feeder with one set of drive rolls
- P.M. motor and speed control for rotation with digital readout
- Gun and cable assembly
- Burnback control
- 50 ft. (15 m) control cable and gas hose
- Quick disconnects for welding lead
- Weld switch
- Cold wire inch switch
- Wire direction switch
- Pre and post flow included
- Wire reel adaptor for 30 lbs. (14 kg) spools
- Vertical and horizontal adjustment rack and pinion
- Rise and fall cam with 5" (125 mm) of movement
- Brushes and collector rings for welding current, rated at 300 amps 100% duty cycle
- Emergency stop
- Overlap
- Return to start position



Technical Data:

Current Rating:	0-300 amps, 100% duty cycle
Input Voltage:	Rotational 115 VAC
Wire Sizes:	.030-1/16" (0.8 - 1.6 mm)
Rise and Fall Cam:	5" (125 mm)
Rotation Speed:	.5-5.9 rpm
Welding Diameter:	1-12" (25-300 mm)
Height:	29" (737 mm)
Net Weight:	TBD

The DCW-5-O may be used with OTC-DAIHEN Welbee Power Source (see back).

Options:

CWO-1645	Pendulum Type Oscillator Variable Speed Mechanical
CWO-3670	Step Adaptor 1/2-4" (13-102 mm) couplings.
CWO-4530	Carriage with lever.
CWO-4540	Carriage with winch.
CWO-4550	Carriage with motorized lift

Motorized racking is available.
Water cooling package for water cooled gun is available.



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OTC-DAIHEN Welbee Inverter WB-P400

- Eliminates the need for expensive helium gas mixtures
- High durability and low maintenance

Precision pulse waveform control virtually eliminates even the fine spatter attributed with aluminum MIG welding.

In addition, you can easily achieve a TIG-like bead appearance with OTC's enhanced and patented Wave Pulse process. This low frequency pulse GMAW process modulates both wire feeding and pulse current achieving beautiful high speed welds with improved metallurgical benefits.



Features

Phases:	3
Rated frequency:	50/60Hz
Rated input voltage:	208/230V, 460V
Rated output current:	400A
Rated load voltage:	34V
Rated output current range:	30-400A
Rated output voltage range:	12-36V
Maximum no-load voltage:	83/92V, 80V
Rated duty cycle:	60% (DC), 50% (Pulse)
Dimensions (W x D x H):	15.6" x 28" x 31.9" (395 x 710 x 810 mm)
Weight:	185.2 lbs. (84 kg)

OTC-DAIHEN AF-4012 Robot Wire Feeder



- 4-feed rolls for increased drive force for any wire alloy
- Control circuits built into power source offering durability
- Fully enclosed wire drive mechanism keeps dirt out
- Standard wire cover flap keeps dirt away from welding wire
- Suitable for any major brand of welding guns

Features

Item No.:	CMRE-741
Style:	Auto & Robot Retrofit
Wire feed speed:	866 in/min (22 m/min)
Wire diameters:	
Mild steel:	.030", .035", .040", .045", .052", 1/16" (0.8, .09, 1.0, 1.2, 1.4, 1.6 mm)
Stainless steel:	.030", .035", .040", .045", .052", 1/16" (0.8, .09, 1.0, 1.2, 1.4, 1.6 mm)
Hard Alum (AL/MG):	.040", 3/64", 1/16" (1.0, 1.2, 1.6 mm)
Soft Aluminum:	3/64", 1/16" (1.2, 1.6 mm)
Weight:	15.4 lbs. (7 kg)