Welding Power Source

Shield Gas

Base metal

Standard Components

	Product		Model
①*1	XTEND-ARC Push-Pull Torch	Air-cooled	BTPA30D-08T, BTPGA30D-08T, BTPA30D-12T, BTPGA30D-12T
		water-cooled	BTPAW35D-08T, BTPGAW35D-08T, BTPAW35D-12T, BTPGAW35D-12T
②*1	BBTP-04 type control cable		BBTP-0401, BBTP-0404, BBTP-0409, BBTP-0414, BBTP-0419, BBTP-0424
③*1	Pull torch kit for welding power source		K8066A00
④*1	Pull torch kit for wire feeder		K8110A00
⑤	Welding power source		WB Series (See in Specifications)
⑥	Wire feeder		CM-743U (includes 2m control cable and 2m gas hose)
⑦	2m power cable, 2m ground cable, regulator		WCD-300 (for 350 and 400 amp units), WCL-500 (for 500 amp units)
⑧	Gas regulator		HFR-1425 (included with WCD or WCL kit)
⑨	Built-in water cooling unit		WTCB-M2: includes Cooler, wire harness, trolley, hoses and fittings
⑩	Welding trolley		(optional for air-cooled torch, required for water cooling package)

*1 Required components for XTEND-ARC Push-Pull Torch.

●Specifications

		C0$_2$/MAG				MIG			
Grip type		Inline		Pistol		Inline		Pistol	
Cooling system		Air	Water	Air	Water	Air	Water	Air	Water
Model		BTP30D-08T BTP30D-12T	BTPW35D-08T BTPW35D-12T	BTPG30D-08T BTPG30D-12T	BTPGW35D-08T BTPGW35D-12T	BTPA30D-08T BTPA30D-12T	BTPAW35D-08T BTPAW35D-12T	BTPGA30D-08T BTPGA30D-12T	BTPGAW35D-08T BTPGAW35D-12T
Maximum welding current Rated duty cycle	DC C$_2$O /MAG	300A 35%	350A 100%	300A 35%	350A 100%	—			
	DC MIG	—				280A 35%	320A 100%	280A 35%	320A 100%
	PULSE MAG	250A 35%	300A 100%	250A 35%	300A 100%	250A 35%	300A 100%	250A 35%	300A 100%
Torch Lead Length		"-8T" is 26 feet(8m), Tweco#4; "-12T" is 39 feet(12m), Tweco#4							
Wire Diameter *1*2*3	Mild Steel solid	(0.030), (0.0350), (0.040), 0.045, (0.052), (1/16)				—			
	Mild steel flux-cored	(0.045), (0.052), (1/16)				—			
	Aluminium	—				3/64, (1/16)			
Welding Power Source *4		WB-M350, M350L, M500, P400, P500L, W400				WB-M350, M350L, M500, P400, P500L, W400			
Wire Feeder		CM-743U							

*1 Stainless steel is not supported
*2 Wire diameter 0.045(1.2mm) is standard setup
*3 Refer to welding power source manual for suitable wire diameter
*4 WELBEE Low-Spatter mode is not supported

BLUE TORCH III Series XTEND-ARC
PUSH-PULL TORCH

Extended Reach

- up to 39 feet lead for your large-area welding challenges

On-torch Control+Display

- More time welding and less walking

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OTC-19 REV 06/21

Delivers The Reach Required for your Large-Area Project

Four Features Reduce The Burden on Welders

① **Easy access to your entire, large-area fabrication project**
Long lead eliminates the need to constantly move the wire feeder

② **Consistent aluminum welding**
Reliable wire feed supports all aluminum wire.

③ **Remote control of the welding power source in the palm of your hand**
Monitoring and changing the welding conditions and inching the wire.

④ **Built-in LED headlight**
Illuminate your confined or dark work spaces

Display

Remote control

Welding in elevated areas

Welding on long objects and large structures

Welding in a confined spaces

Up to 39 feet

Expanded work area

Improve the reach of your welder without the need to constantly reposition your wire feeder.

13 feet

39 feet
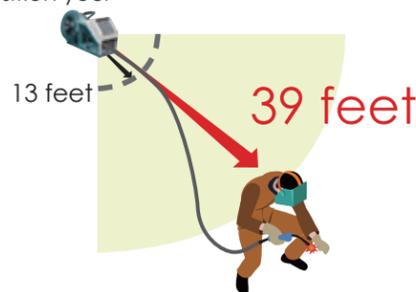
Torch grip styles

Select a torch grip style to best suit your welding position.

Inline Grip

Pistol Grip

Consistent aluminum welding through reliable wire feeding

Push-Pull Torch (39ft)	Conventional Torch (13ft)
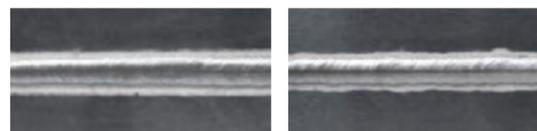
Soft Aluminum, 1.2mmφ, Wire feed speed: 200 IPM

● Aluminum Wire Sizes

Wire material	Welding mode	Wire diameter
Soft Al	DC, DC Pulse*,	3/64, 1/16
Hard Al	DC WavePulse II*	3/64, 1/16

* Only with WB-P400, WB-P500L and WB-W400

Remote control of the weld power source from the palm of your hand

Monitor and change the welding conditions and advance(inch) the wire feed, built-in to the torch handle.

LED headlight

LED headlight is built-in to the torch handle delivering bright illumination over a wide area

● LED headlight illumination

LED

●Basic functions

150A	5.0 m/min	5.0 m/min
Welding current	Wire feed speed	Inching speed
240V	− S	JOB # 1
Welding voltage	Voltage adjustment (SYNERGIC mode)	JOB No.

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