

BLUE TORCH III Series

XTEND-ARC **PUSH-PULL TORCH**

***Air Cooled now:
60% Duty Cycle @ 280A!***

Extended Reach

***- Up to 39 feet lead for your
large-area welding challenges***

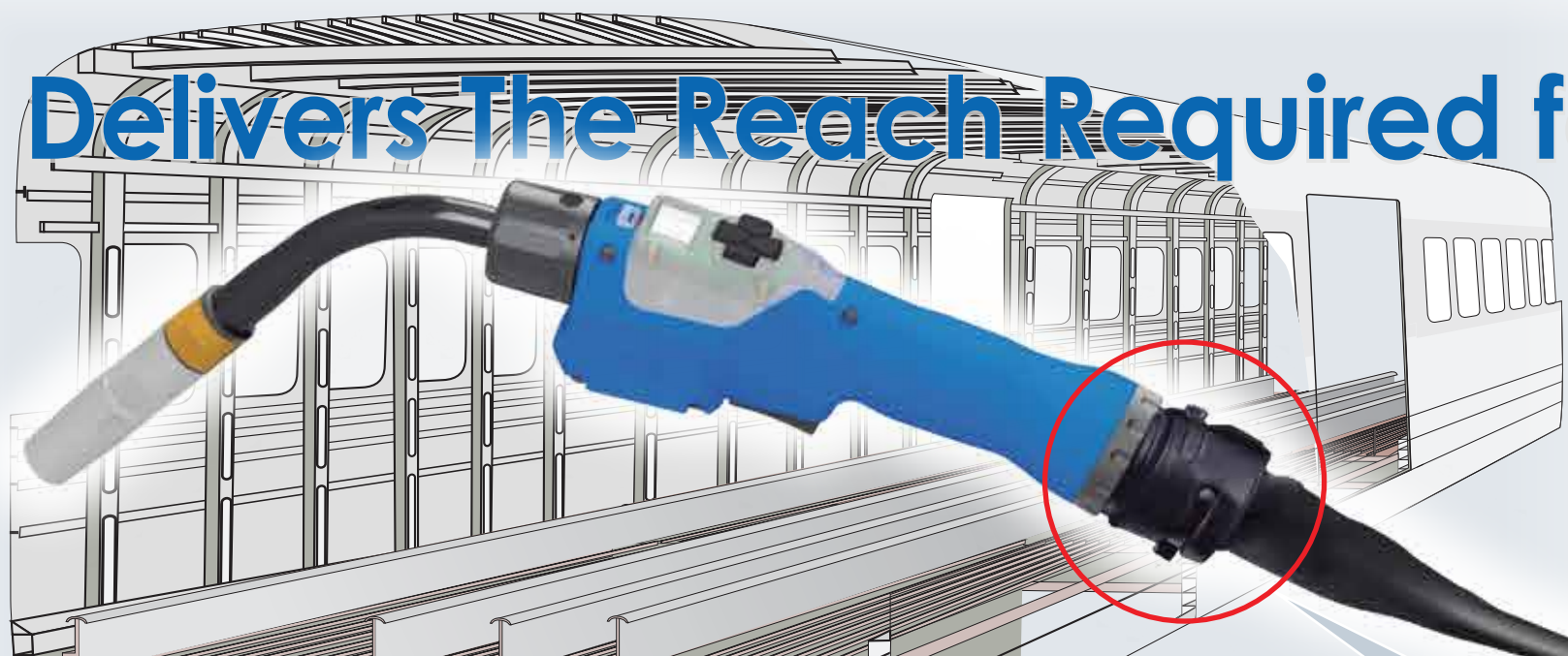
On-torch Control+Display

- More time welding and less walking



DAIHEN Inc.

Delivers The Reach Required for your Large-Area Project

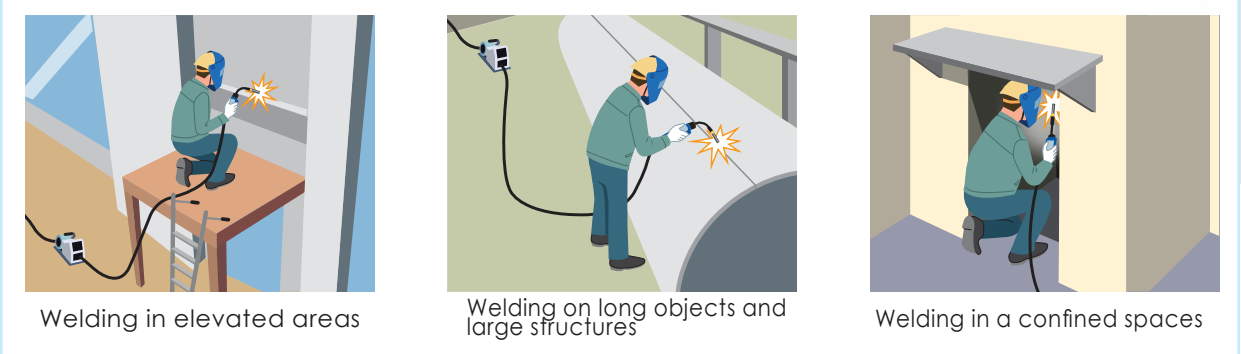


Four Features Reduce The Burden on Welders

- 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

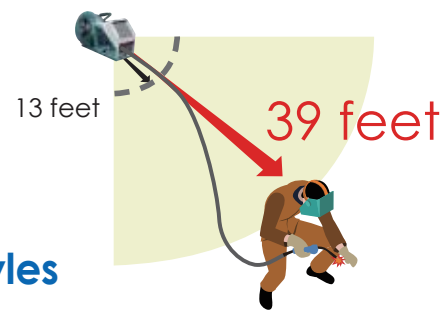
New, improved flex joint / handle to improve reliability

Up to 39 feet

New, easy access sheath for simplified repairs.

Expanded work area

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



Torch grip styles

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

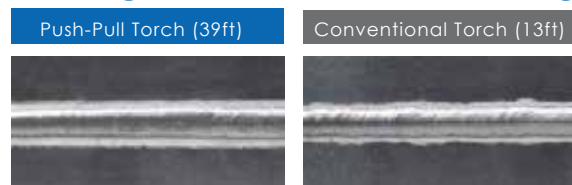


Inline Grip



Pistol Grip

Consistent aluminum welding through reliable wire feeding



Soft Aluminum, 1.2mmφ, Wire feed speed: 200 IPM

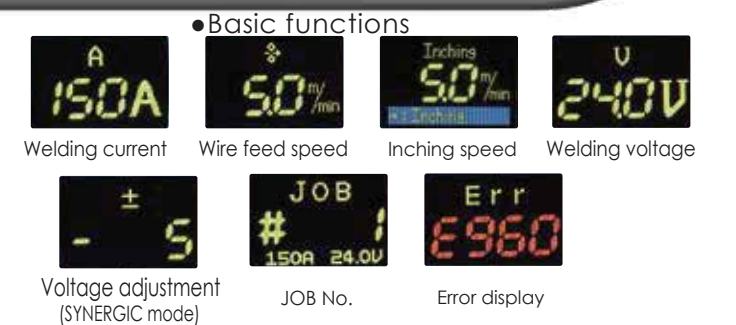
Aluminum Wire Sizes

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

* Only with WB-P402, WB-P402L, WB-P502L 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.



Basic functions

Welding current Wire feed speed Inching speed Welding voltage
Voltage adjustment (SYNERGIC mode) JOB No. Error display

LED headlight

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

LED headlight illumination



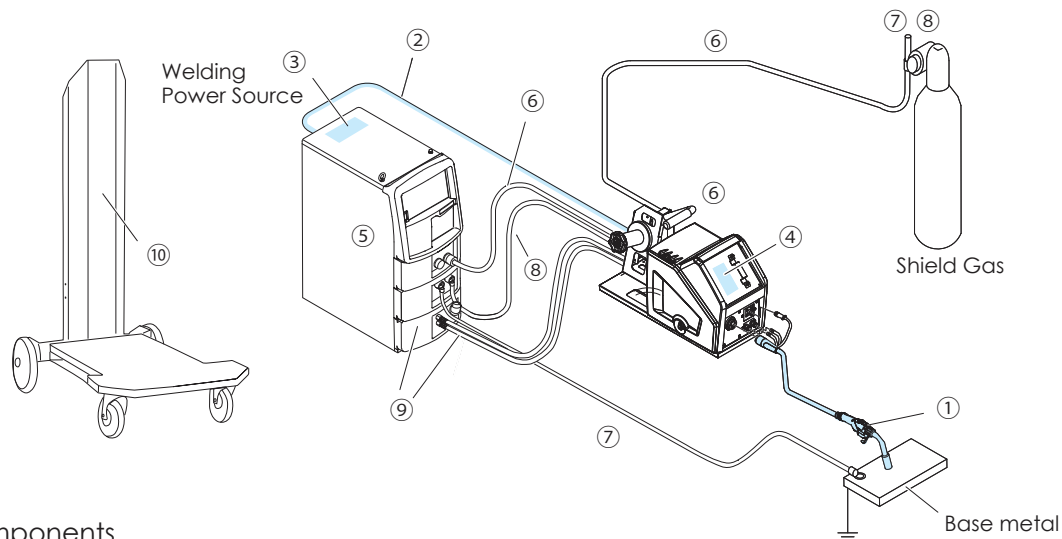
LED

New



Auto-Inching Gas Check & Language Log & Torch Load





●Standard Components

Product		Model	
①*1	XTEND-ARC Push-Pull Torch	Air-cooled Water-cooled	BTPA302-08T, BTPGA302-08T, BTPA302-12T, BTPGA302-12T 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		191AR-60 (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

Grip type		CO ₂ /MAG				MIG			
		Inline		Pistol		Inline		Pistol	
Cooling system		Air	Water	Air	Water	Air	Water	Air	Water
Model		BTP302-08T BTP302-12T	BTPW35D-08T BTPW35D-12T	BTPG302-08T BTPG302-12T	BTPGW35D-08T BTPGW35D-12T	BTPA302-08T BTPA302-12T	BTPAW35D-08T BTPAW35D-12T	BTPGA302-08T BTPGA302-12T	BTPGAW35D-08T BTPGAW35D-12T
Maximum welding current	DC C ₂ O /MAG	300A 35%	350A 100%	300A 35%	350A 100%	—			
	DC MIG	—				280A 60%	320A 100%	280A 60%	320A 100%
Rated duty cycle	PULSE MAG	280A 60%	300A 100%	280A 60%	300A 100%	280A 60%	300A 100%	280A 60%	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-M352, M352L, M502, P402, P402L, P502L, 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



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