

CO<sub>2</sub>/MAG DC Manual DC Gouging

Duty cycle  
**100%**

It is particularly suitable for long-time and large current welding!



600KH2

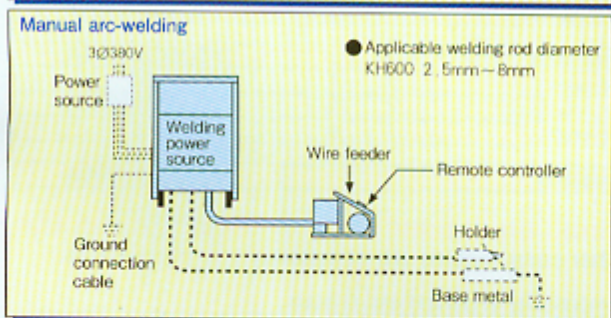
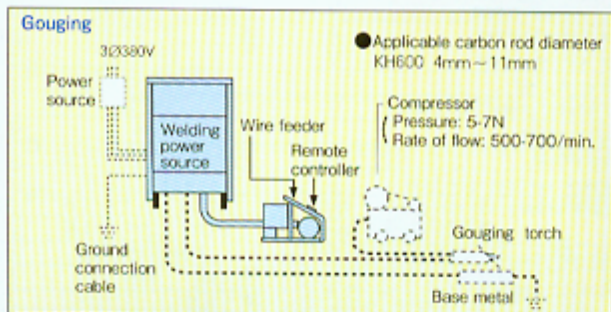
■ It is particularly suitable for thick plate welding of heavy machinery.

■ The rated duty cycle is 100%. The welding machine can be equipped with air-cooling, water-cooling wire feeder and welding torch.

■ Selectable four functions

■ Four kind of function such as CO<sub>2</sub>/MAG welding, DC manual welding and gouging can be selected by the selector switch or remote controller on wire feeder.

■ In case of CO<sub>2</sub>/MAG welding, both solid wire and FCW can be used.



■ Windproof model is also available.

■ With specially made windproof torch, gas regulator and gas hose assy, KH2 can be used as windproof welding machine, adaptable to the condition of wind speed less than 10m/sec.

	Used at the wind speed less than 5/sec.	Used at the wind speed less than 10/sec.
Torch	YT-501CCT6	YT-501CPT4
Regulator	YX-1203CT1	YX-1203CT1(2 sets)
Gas hose	-	MWG50052

■ Wide adjustable range of welding current

■ Equipped with low current (60-200A) output terminals and heavy current (200-630A) output terminals, with wide range of application.

■ Effective protection functions.

■ Various protection functions such as overheat protection, secondary overcurrent protection and under-voltage protection of the welding machine can effectively prevent the welding machine from accidents.

■ Rated specifications

Model		YD-600KH2
Control method	-	Thyristor
Rated input voltage, number of phases	-	AC380V 3-phase
Input power source frequency	Hz	50 / 60
Rated input capacity	kVA/kW	45/40
Rated output current	A	600
Rated output voltage	V	44
Rated duty cycle	%	100
Rated output no-load voltage	V	80
Output current range	A	60~720
Output voltage range	V	17~44
Crater current range	A	60~720
Crater voltage range	V	17~44
Method of welding	-	Individual / Unitary
Output current (air gouging) range	A	150~630
Output voltage (air gouging) range	V	55
Output current (manual welding) range	A	100~540
Output voltage (manual welding) range	V	24~41.6
Outer casing protection class	-	IP21S
Insulation class	-	H
Cooling mode	-	Forced air cooling
Applicable welding wire type	-	solid / FCW
Applicable welding wire diameter	mm	Solid 1.2/1.4/1.6
	mm	FCW 1.2/1.4/1.6
Overall dimensions (WxDxH)	mm	500x690x920
Mass	kg	232

Wire feeder		YW-60KCW2HAE
Applicable welding wire diameter	mm	1.2/1.6
Length of cable	m	1.8

Welding torch		YT-601CCWHAE
Rated current	A	600
Duty cycle	%	CO <sub>2</sub> : 100 MAG:100(550A)
Applicable welding wire diameter	mm	1.2/1.4/1.6
Length of welding gun cable	m	3

Gas regulator		YX-25CD1HAH
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Cooling water unit (optional)	-	YX-09KGC1HGE
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※Model # and specifications are subject to change without notice.

■ Simple Unitary / Individual adjustment

■ When Simple Unitary mode is selected and welding current is set by the current adjust knob on the remote controller, almost corresponding welding voltage is automatically set. Fine-tuning of voltage is also possible.

■ Other features

■ Electricity-saving function, Class-H insulation.