

**NXT**  
CUTTING SYSTEMS



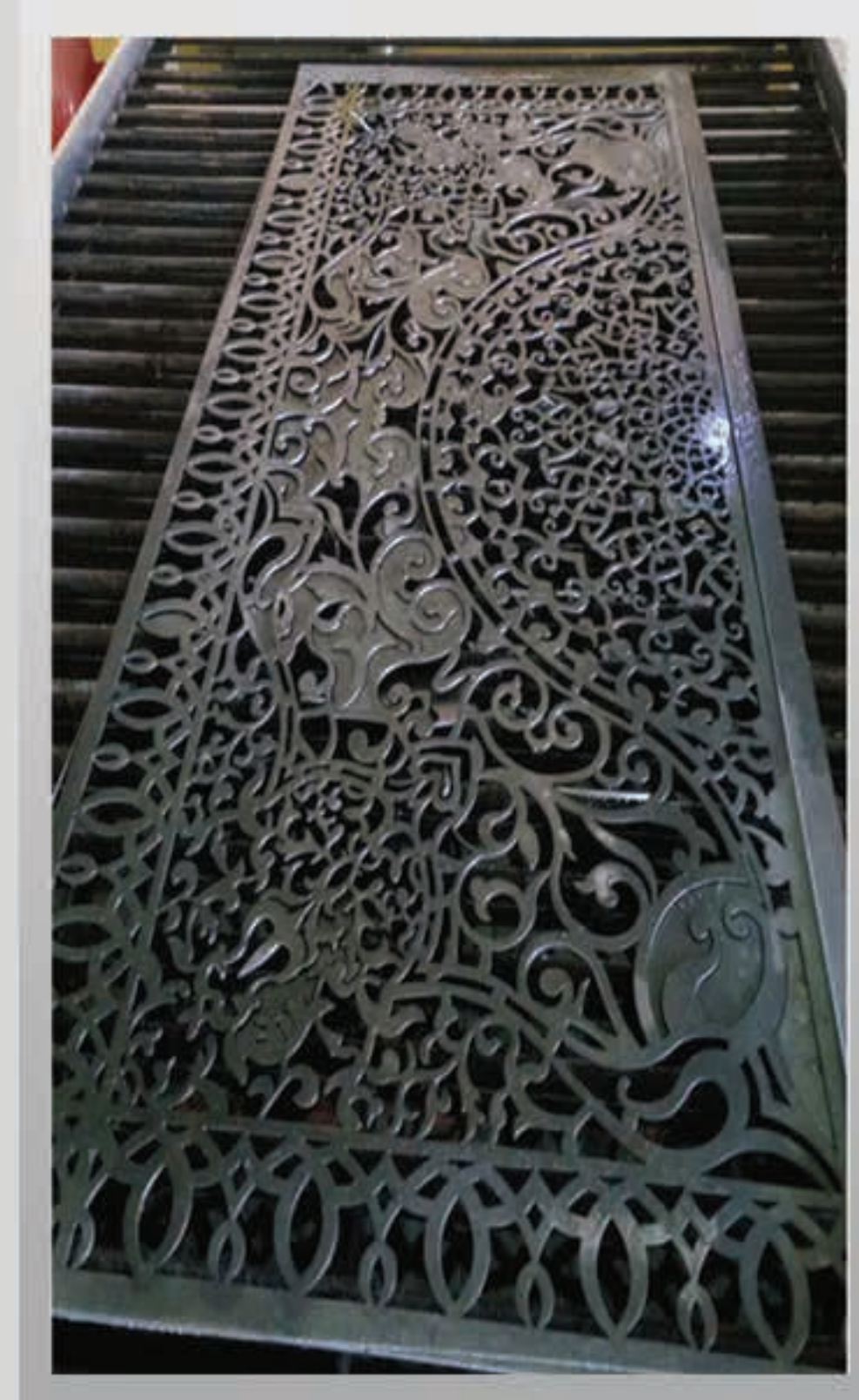
**CATALOG**

**CNC** | CUTTING  
TABLES





## FLASHCUT



## FLASHCUT PLUS



### ● Specification

Model	FLASHCUT
Power supply	1 phase, 110V, 220V, 230V, 240V, 50Hz, or customised
Input capacity	3KW
Screen	7" , colorful interface
Cutting width	1500mm, 2000mm
Cutting length	3000mm, 4000mm, 5000mm, 6000mm
Cutting model	Plasma(Flame to be optional)
CNC controller	Hugong HG612
Plasma	Powermax45 65 85 105
Positioning speed	12,000mm/min
Recommended Positioning Speed	6000-8000mm/min
Accuracy	Positioning: 0.5mm/1000mm、 Repeatability: 0.2mm/1000mm
Machine size	4500*2700*1600mm
Optional 1	Plate rider
Optional 2	FastCAM, Turbonest, Pronest
Optional 3	Special for 1mm-3mm



Working process



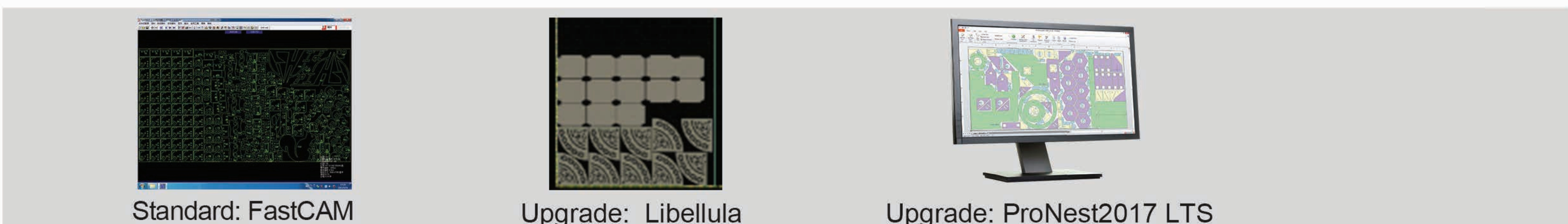
**Option 1**  
Controllers



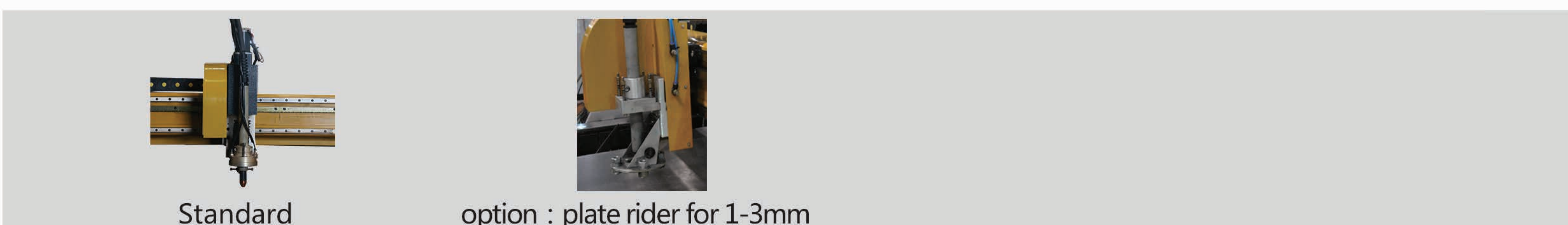
**Option 2**  
Plasma unit



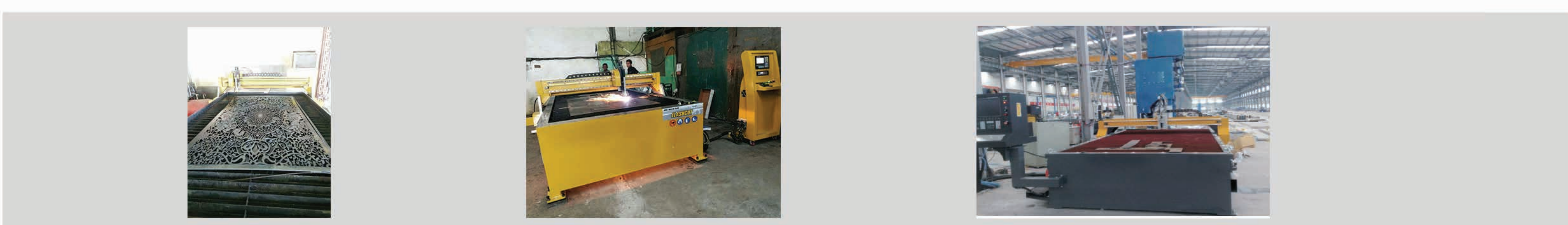
**Option 3**  
Nesting software



**Option 4**  
Torch Height controller

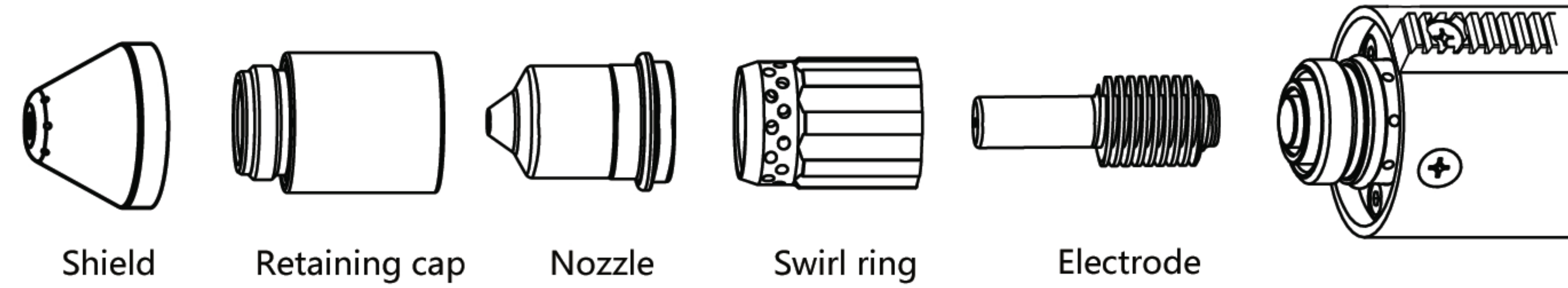
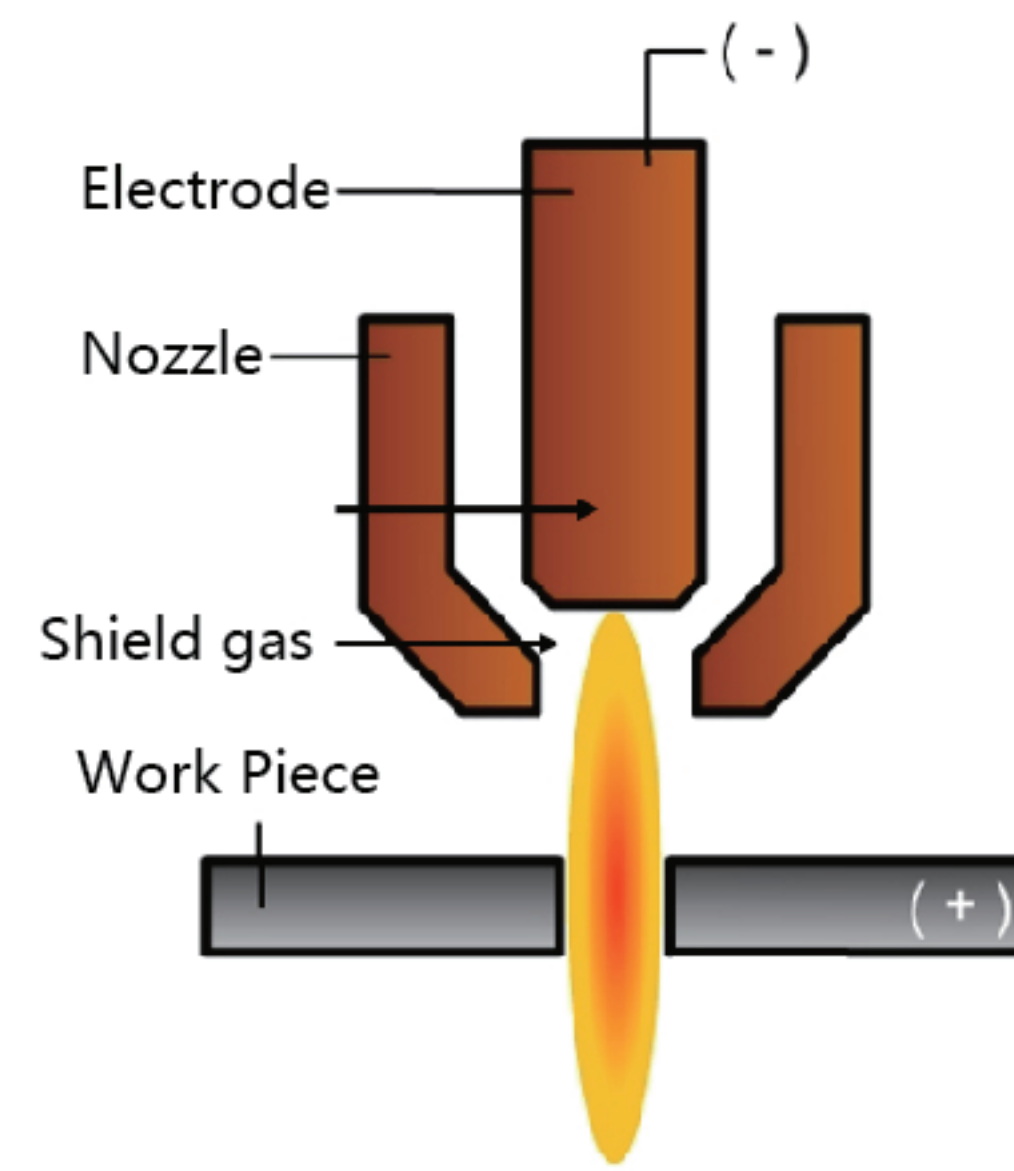


**Option 5**  
Machine at sites



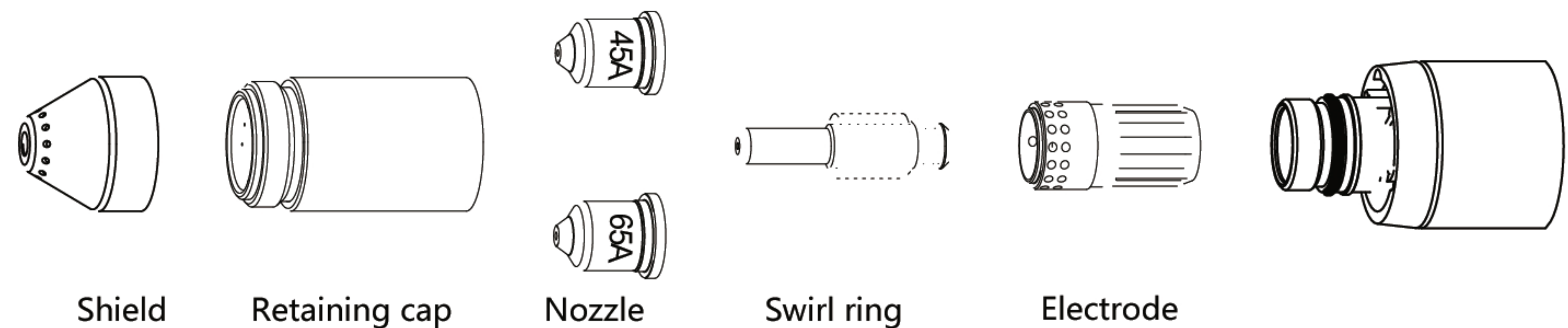
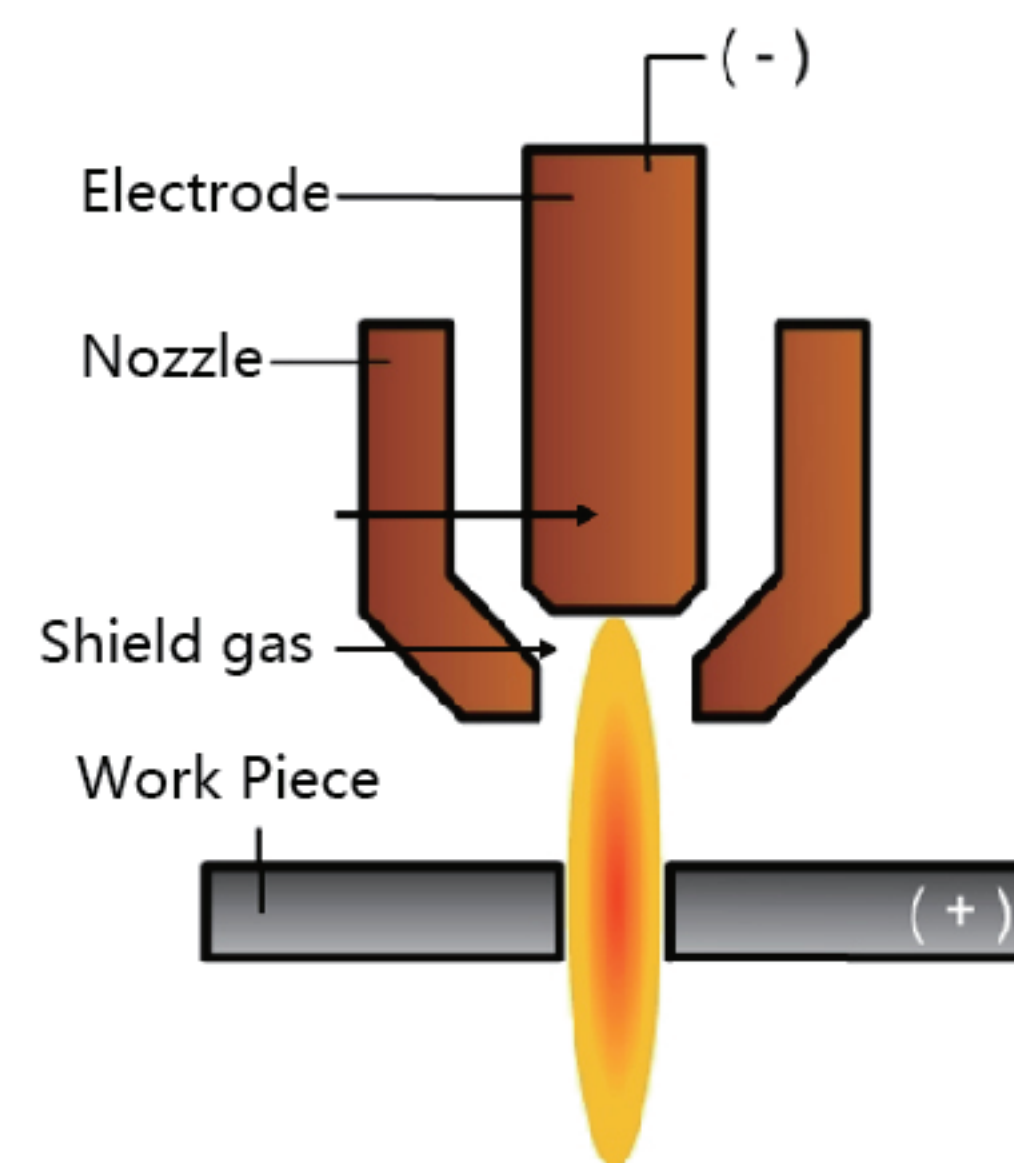


## Powermax45



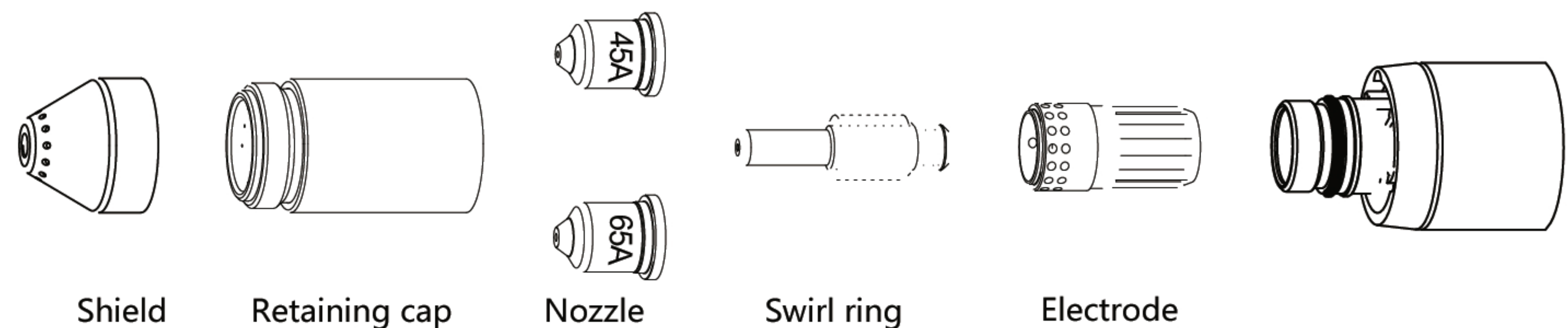
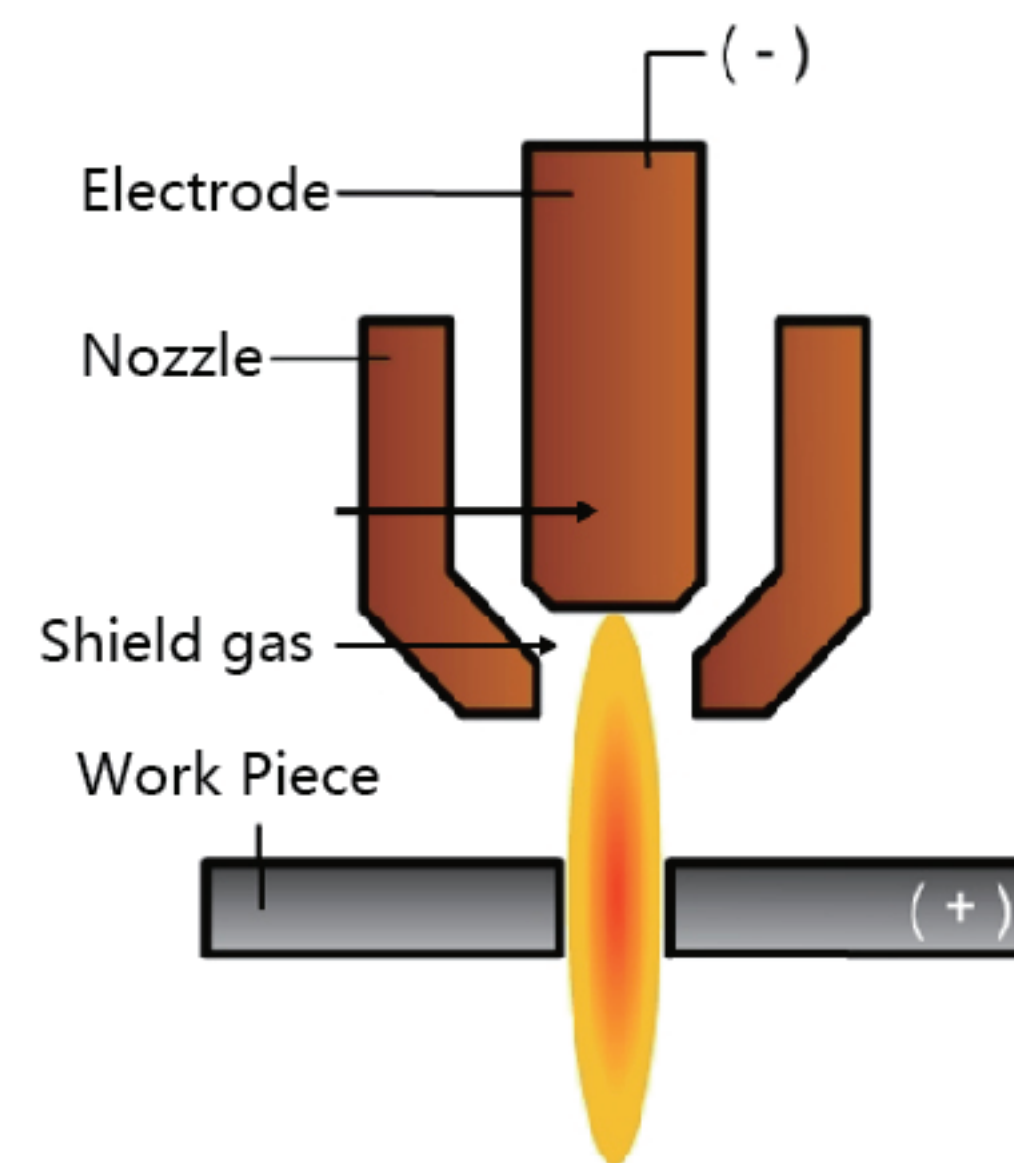
Specs	Thickness(mm)	"Shield/Deflector Life time (h)"	"Retaining cap Life time (h)"	"Nozzle /Life time (h)"	"Swirl ring Life time (h)"	"Electrode Life time (h)"	Auxiliary gas Air/Air
45A	1mm~10mm	220673 (32 hour)	220713 (960 hour)	220671 (6 hour)	220670 (720 hour)	220669 (6 hour)	Air/Argon
10A	0.1mm	420542 (32 hour)	220854 (960 hour)	420415 (6 hour)	220857 (720 hour)	220842 (6 hour)	

## Powermax65



Specs	Thickness(mm)	"Shield/Deflector Life time (h)"	"Retaining cap Life time (h)"	"Nozzle /Life time (h)"	"Swirl ring Life time (h)"	"Electrode Life time (h)"	Auxiliary gas
45A	1mm-6mm	220817 (32 hour)	220854 (960 hour)	220941 (6 hour)	220857 (720 hour)	220842 (6 hour)	Air/Air
65A	2mm-16mm	220817 (32 hour)	220854 (960 hour)	220819 (6 hour)	220857 (720 hour)	220842 (6 hour)	Air/Air
Fine cut	0.5mm-4mm	220948 (32 hour)	220953 (960 hour)	220930 (6 hour)	220842 (720 hour)	220857 (6 hour)	Air/Air

## Powermax85

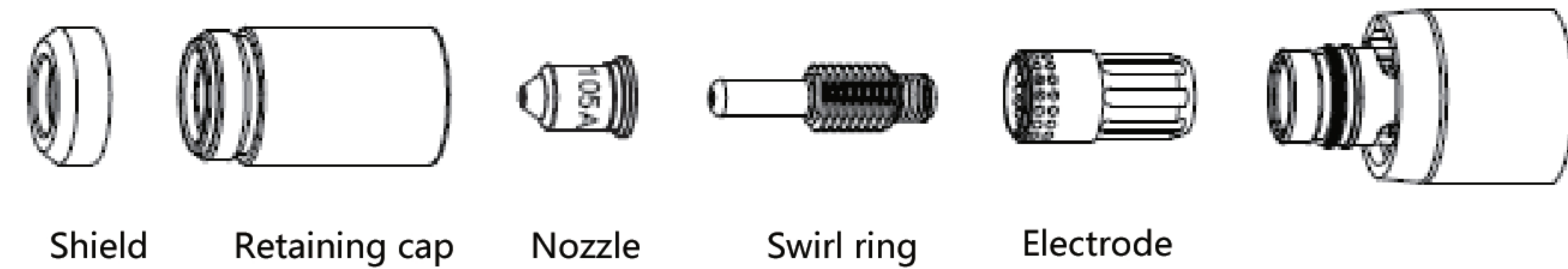
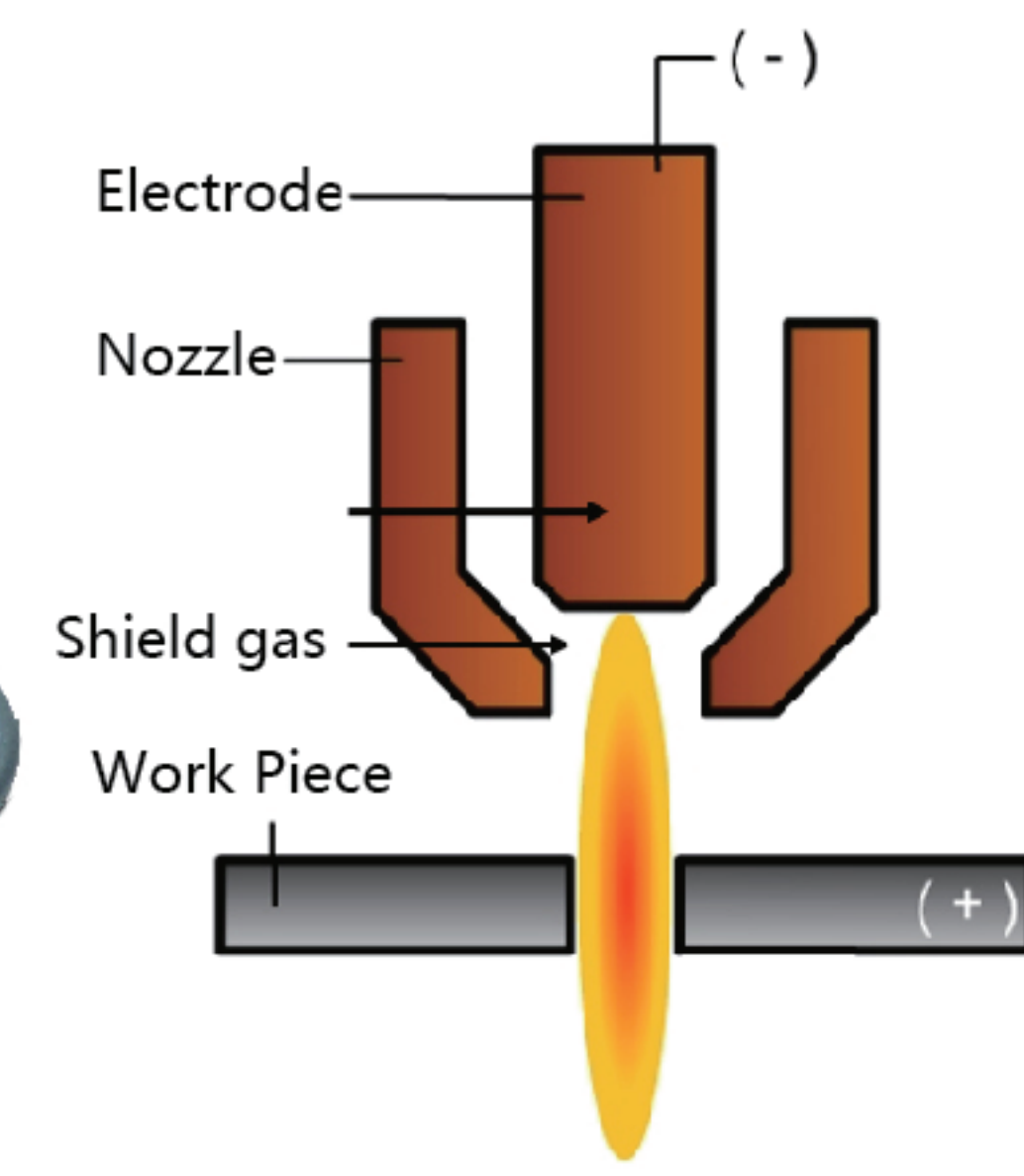


Specs	Thickness(mm)	"Shield/Deflector Life time (h)"	"Retaining cap Life time (h)"	"Nozzle /Life time (h)"	"Swirl ring Life time (h)"	"Electrode Life time (h)"	Auxiliary gas
45A	1mm-6mm	220817 (32 hour)	220854 (960 hour)	220941 (6 hour)	220857 (720 hour)	220842 (6 hour)	Air/Air
65A	2mm-16mm	220817 (32 hour)	220854 (960 hour)	220819 (6 hour)	220857 (720 hour)	220842 (6 hour)	Air/Air
85A	3mm-18mm	220817 (32 hour)	220854 (960 hour)	220816 (6 hour)	220857 (720 hour)	220842 (6 hour)	Air/Air
Fine cut	0.5mm-4mm	220948 (32 hour)	220953 (960 hour)	220930 (6 hour)	220842 (720 hour)	220857 (6 hour)	Air/Air



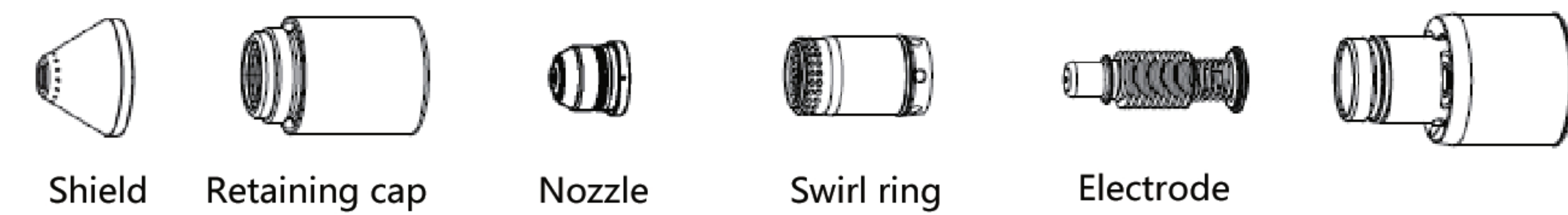
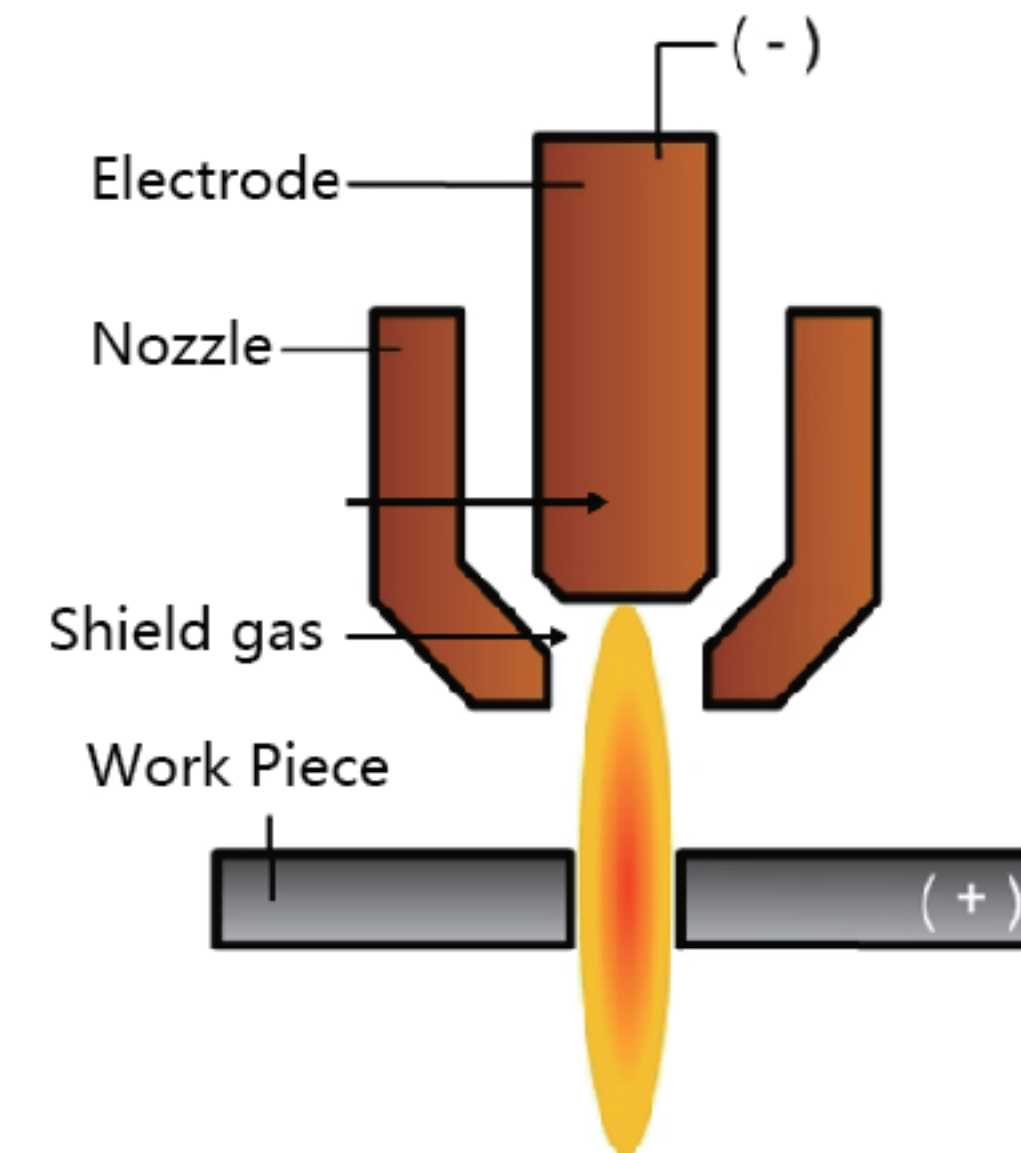


## Powermax105



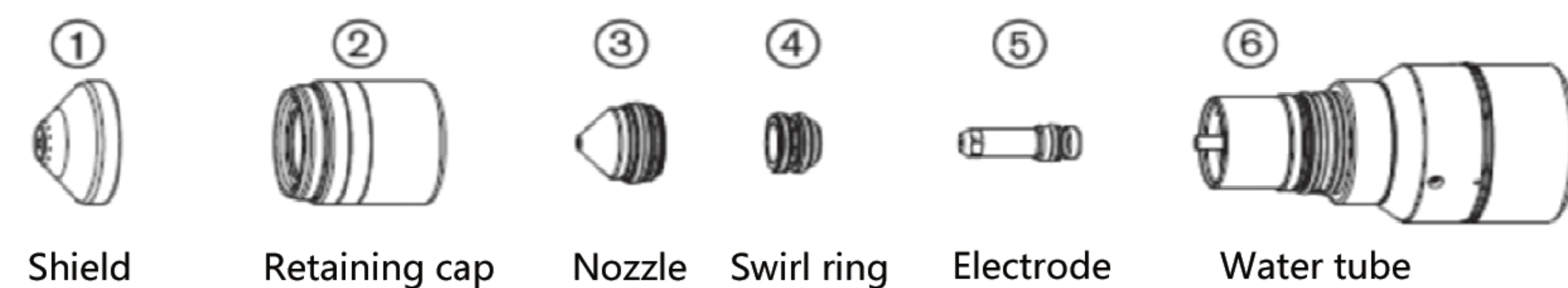
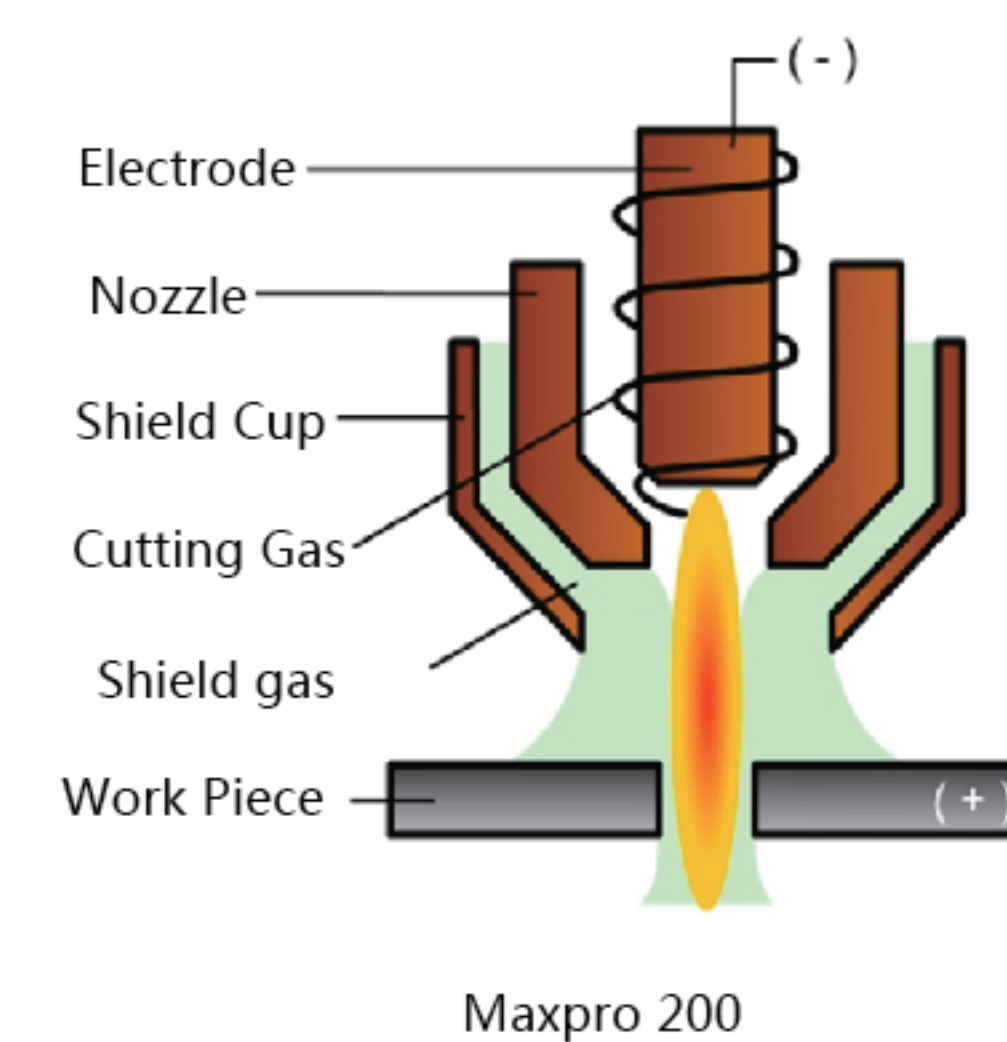
Specs	Thickness(mm)	"Shield/Deflector Life time (h)"	"Retaining cap Life time (h)"	"Nozzle /Life time (h)"	"Swirl ring Life time (h)"	"Electrode Life time (h)"	Auxiliary gas
45A	0.5mm-6mm	220817 (35 hour)	220854 (960 hour)	220941 (5 hour)	220994 (720 hour)	220842 (5 hour)	Air/Air
65A	2mm-16mm	220817 (35 hour)	220854 (960 hour)	220819 (5 hour)	220994 (720 hour)	220842 (5 hour)	Air/Air
85A	3mm-18mm	220817 (35 hour)	220854 (960 hour)	220816 (5 hour)	220994 (720 hour)	220842 (5 hour)	Air/Air
105A	6mm-20mm	220993 (35 hour)	220854 (960 hour)	220990 (5 hour)	220994 (720 hour)	220842 (5 hour)	Air/Air
Finecut	0.5mm-4mm	220948 (35 hour)	220953 (1440 hour)	220930 (4 hour)	220994 (720 hour)	220842 (4 hour)	Air/Air

## Powermax125



Specs	Thickness(mm)	"Shield/Deflector Life time (h)"	"Retaining cap Life time (h)"	"Nozzle /Life time (h)"	"Swirl ring Life time (h)"	"Electrode Life time (h)"	Auxiliary gas
45A	1mm-6mm	420168 (35 hour)	220977 (1440 hour)	420158 (5 hour)	220997 (720 hour)	220971 (5 hour)	Air/Air
65A	2mm-8mm	420168 (35 hour)	220977 (1440 hour)	420169 (5 hour)	220997 (720 hour)	220971 (5 hour)	Air/Air
105A	6mm-20mm	220976 (35 hour)	220977 (1440 hour)	220975 (5 hour)	220997 (720 hour)	220971 (5 hour)	Air/Air
125A	6mm-25mm	220976 (35 hour)	220977 (1440 hour)	220975 (4 hour)	220997 (720 hour)	220971 (4 hour)	Air/Air
Finecut	0.5mm-4mm	420152 (35 hour)	220977 (1440 hour)	420151 (4 hour)	420159 (720 hour)	220971 (4 hour)	Air/Air

## MAXPRO200



Specs	Thickness(mm)	"Shield/Deflector Life time (h)"	"Retaining cap Life time (h)"	"Nozzle /Life time (h)"	"Swirl ring Life time (h)"	"Electrode Life time (h)"	"Water tube Life time (h)"	Auxiliary gas
50A	0.5mm-6mm	220532 (40 hour)	220935 (800 hour)	220890 (5.5 hour)	220529 (240 hour)	220528 (5.5 hour)	220521 (2400 hour)	Air/Air
50A	0.5mm-6mm	220532 (40 hour)	220935 (800 hour)	220891 (5.5 hour)	220529 (240 hour)	220528 (5.5 hour)	220521 (2400 hour)	O2/Air
130A	3mm-32mm	220536 (40 hour)	220935 (800 hour)	220892 (5.5 hour)	220488 (240 hour)	220487 (5.5 hour)	220521 (2400 hour)	Air/Air
130A	3mm-38mm	220491 (40 hour)	220935 (800 hour)	220893 (5.5 hour)	220488 (240 hour)	220487 (5.5 hour)	220521 (2400 hour)	O2/Air
130A	5mm-20mm	220536 (40 hour)	220935 (800 hour)	220892 (5.5 hour)	220529 (240 hour)	020415 (5.5 hour)	220521 (2400 hour)	N2/N2
200A	6mm-50mm	420045 (40 hour)	220935 (800 hour)	420044 (5.5 hour)	220488 (240 hour)	220937 (5.5 hour)	220521 (2400 hour)	Air/Air
200A	6mm-50mm	220832 (40 hour)	220935 (800 hour)	220831 (5.5 hour)	220834 (240 hour)	220937 (5.5 hour)	220521 (2400 hour)	O2/Air
200A	5mm-38mm	420045 (40 hour)	220935 (800 hour)	420044 (5.5 hour)	220529 (240 hour)	020415 (5.5 hour)	220521 (2400 hour)	N2/N2



THE NEXT GENERATION OF CUTTING TOOLS



CONTACT

PHONE

(55) 4352 0183

E MAIL

[contacto@tesyc.mx](mailto:contacto@tesyc.mx)

WEB

[www.mundo-plasma.com](http://www.mundo-plasma.com)

WE ARE EXPERTS IN CUTTING