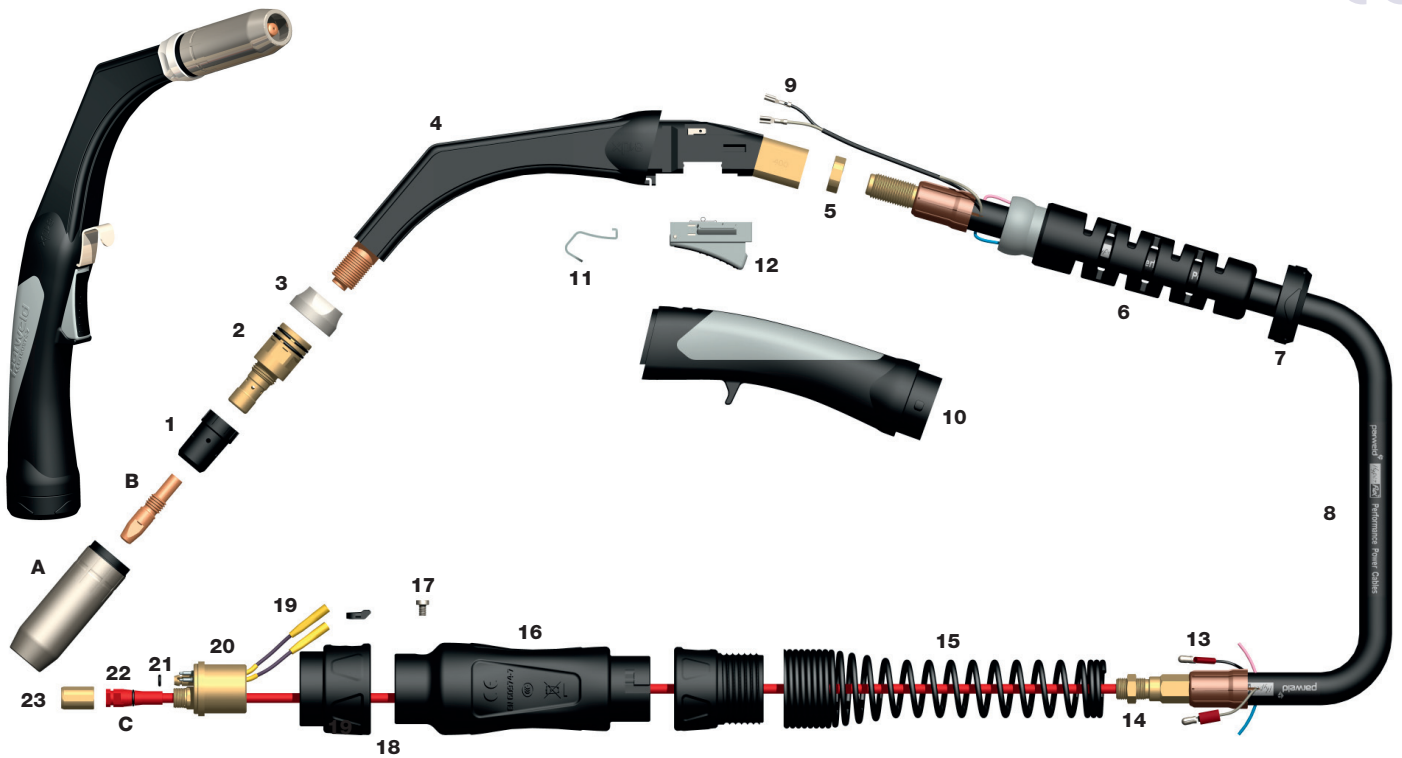


## XP8 400A

### Air Cooled Mig Welding Torch

Rating: 400A, 12kW, Mixed Gas (80/20) @ 80% Duty Cycle, EN60974-7 .045"-3/32"/1.2mm to 2.4mm wires



#### Selecting the correct XP8 Torch

Amperages and duty cycles alone are arbitrary measures of a torches capability.

For a more accurate appreciation wire type, gas type, flow rate and open circuit voltage must all be taken into consideration.

The XP8 is rated in Amps as a guideline but the Kilowattage requirement of a given application provides a far more accurate method for calculating torch selection.

Kilowattage represents the total power rating required and is calculated as follows:

$$\frac{\text{Welding Amps} \times \text{Welding Volts}}{1000} = \text{kW}$$

(Amps x Volts = Watts , 1000 Watts = 1 kW)

#### Table to show the affect on XP8 performance when using alternate gas types

Model	Mixed Gas (80/20)		Mixed Gas (95/5)		100% CO <sub>2</sub>	
	Amps	kW	Amps	kW	Amps	kW
XP8-400A	400	12.0	300	9.0	480	17.2

Note: All ratings are based on a nominal gas flow of 18lpm. A lower gas flow will result in an increase in working temperature but it will not have any adverse affect as long as the gas flow is within the accepted limits for the welding amperage.

Model				
Stock Code	3M	4M	5M	Model Description
XP400A	-30E	-40E	-50E	Welding Torch c/w Euro Fitting

Nozzles	
Stock Code	Description
<b>A</b> XP3002-13	Tapered Nozzle 1/2"/13mm
XP3002-16*	Conical Nozzle 5/8"/16mm
XP3002-16L	Conical Nozzle 5/8"/16mm-Extended
XP3002-19	Cylindrical Nozzle 3/4"/19mm
XP3002-19L	Cylindrical Nozzle 3/4"/19mm-Extended

Contact Tips	
Stock Code	Description
<b>B</b> XP3003-10A	Contact Tip .040"/1.0mm Aluminium M10 CuCrZr
XP3003-12*	Contact Tip .045"/1.2mm M10 CuCrZr
XP3003-12A	Contact Tip .045"/1.2mm Aluminium M10 CuCrZr
XP3003-13	Contact Tip .052"/1.3mm M10 CuCrZr
XP3003-14	Contact Tip .055"/1.4mm M10 CuCrZr
XP3003-16	Contact Tip 1/16"/1.6mm M10 CuCrZr
XP3003-18	Contact Tip .071"/1.8mm M10 CuCrZr
XP3003-20	Contact Tip 5/64"/2.0mm M10 CuCrZr
XP3003-24	Contact Tip 3-32"/2.4mm M10 CuCrZr

Liners	
Stock Code	Description
<b>C</b> XP3524-12-30*	Steel Liner .040"/1.0mm-.045"/1.2mm x 10ft/3m
XP3524-12-40*	Steel Liner .040"/1.0mm-.045"/1.2mm x 13ft/4m
XP3524-12-50*	Steel Liner .040"/1.0mm-.045"/1.2mm x 16ft/5m
XP3524-16-30	Steel Liner .063"/1.6mm x 10ft/3m
XP3524-16-40	Steel Liner .063"/1.6mm x 13ft/4m
XP3524-16-50	Steel Liner .063"/1.6mm x 16ft/5m
XP4024-24-30	Steel Liner .080"/.095"/2.0mm/2.4mm x 10ft/3m
XP4024-24-40	Steel Liner .080"/.095"/2.0mm/2.4mm x 13ft/4m
XP4024-24-50	Steel Liner .080"/.095"/2.0mm/2.4mm x 16ft/5m
<b>NI</b> XP3524PC-16-30	Polyamide-Copper Liner .045"/.063"/1.2-1.6mm x 10ft/3m
XP3524PC-16-40	Polyamide-Copper Liner .045"/.063"/1.2-1.6mm x 13ft/4m
XP3524PC-16-50	Polyamide-Copper Liner .045"/.063"/1.2-1.6mm x 16ft/5m
XP4024PC-20-30	Polyamide-Copper Liner .063"/.080"/1.6-2.0mm x 10ft/3m
XP4024PC-20-40	Polyamide-Copper Liner .063"/.080"/1.6-2.0mm x 13ft/4m
XP4024PC-20-50	Polyamide – Copper Liner .063"/.080"/1.6-2.0mm x 16ft/5m
XP3524PS-16-30	Polyamide – Steel Liner .045"/.063"/1.2-1.6mm x 10ft/3m
XP3524PS-16-40	Polyamide – Steel Liner .045"/.063"/1.2-1.6mm x 13ft/4m
XP3524PS-16-50	Polyamide – Steel Liner .045"/.063"/1.2-1.6mm x 16ft/5m
XP4024PS-20-30	Polyamide – Steel Liner .063"/.080"/1.6-2.0mm x 10ft/3m
XP4024PS-20-40	Polyamide – Steel Liner .063"/.080"/1.6-2.0mm x 13ft/4m
XP4024PS-20-50	Polyamide – Steel Liner .063"/.080"/1.6-2.0mm x 16ft/5m
XP3524PS-16-40	Polyamide – Steel Liner .045"/.063"/1.2-1.6mm x 13ft/4m
XP3524PS-16-50	Polyamide – Steel Liner .045"/.063"/1.2-1.6mm x 16ft/5m
XP4024PS-20-30	Polyamide – Steel Liner .063"/.080"/1.6-2.0mm x 10ft/3m
XP4024PS-20-40	Polyamide – Steel Liner .063"/.080"/1.6-2.0mm x 13ft/4m
XP4024PS-20-50	Polyamide – Steel Liner .063"/.080"/1.6-2.0mm x 16ft/5m

Components		
Stock Code	Description	* Denotes Standard Build
<b>1</b> XP3004B*	Diffuser – Moulded c/w Ceramic Insert – M10 Head	
<b>NI</b> XP3004C	Diffuser-Ceramic – M10 Head	
<b>2</b> XP3505*	Head Assembly – M10 Tips	
<b>3</b> XP3506A*	Aluminium Heat Shield – M10 Head	
<b>NI</b> XP3506B	Heat Shield Moulded – M10 Head	
<b>4</b> XP4001	Swan Neck	
<b>5</b> XP3507	Lock Nut M14	
<b>6</b> XP4008	Ball Joint and Cable Support	
<b>7</b> XP2009	Handle Lock Nut	
<b>8</b> XP4010-30	Cable Assembly x 3m/10ft	
XP4010-40	Cable Assembly x 4m/13ft	
XP4010-50	Cable Assembly x 5m/16ft	
<b>9</b> XP2011	Cable Terminal – Female	
<b>10</b> XP2012	Handle Kit c/w Lock Nut	
<b>11</b> XP2013	Hanger Hook	
<b>12</b> XP2014	Trigger	
<b>13</b> XP2015	Cable Terminal – Male	
<b>14</b> XP2016	Lock Nut M12	
<b>15</b> XP3017	Cable Support	
<b>16</b> XP2018	Air Cooled Gun Plug Housing c/w Nut	
<b>17</b> XP2019	Gun Plug Screw	
<b>18</b> XP2020	Gun Plug Nut	
<b>19</b> Spring Pin 2	Spring Pin Assembly	
<b>20</b> XP2022	Gun Plug Body c/w Spring Pins	
<b>21</b> XP2023	Gun Plug Body O Ring	
<b>22</b> XP2025	Liner Nipple O Ring	
<b>23</b> XP2026	Liner Retaining Nut	

**Parweld XP8 Torches enable you to repair  
the Neck End of the Power Cable, please order  
Stock Code XP4042: 400A Power Cable Repair Kit**