



*Making Metal Work*



**PLASMA / LASER  
SELECTION GUIDE**



## **Ajan Plasma Machinery Consumables**

Ajan, an independent Turkish company with almost 50 years of experience in cutting edge metalworking machinery, are known for their meticulous attention to detail and their reputation as a true world-class manufacturer of cutting solutions and consumables, taking what was on the market and making it even better through research and evolution.

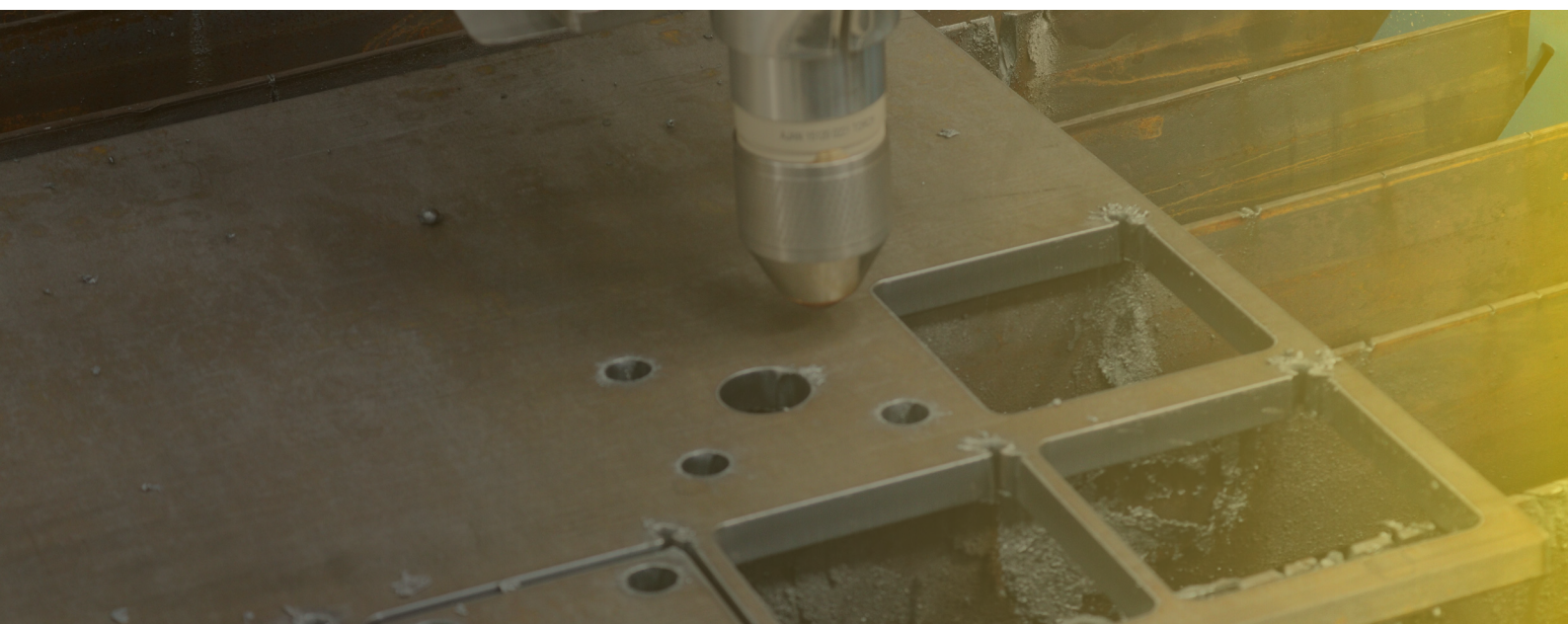
Ajan's range of plasma machine torch consumables, just like every component and piece of machinery they manufacture are all designed and made in-house, in order to maintain the very highest standards of control and quality in their products, an ethos they are proud to combine with one of affordability and availability. Giving you the benefits of a range of high-quality plasma consumables that won't cost the earth, and which we can ship the very next working day.

## **Hypertherm Plasma Consumables**



Hypertherm began life fifty years ago from humble beginnings, to grow exponentially into one of the leading manufacturers of cutting solutions in our industry. Along the way Hypertherm have gained a well-earned reputation for innovation, hard work and a genuine passion for providing the best for its customers.

Today, as a market leader Hypertherm is committed to manufacturing their plasma consumables to the highest standards to enhance cut quality, to boost productivity and to make sure they last as long as possible. Their state of the art manufacturing facilities, combined with peerless operator training ensures that every consumable that leaves their premises, however small; is a first class piece of engineering, and that there is always a healthy supply of stock, giving us at Selmach the ability to offer our customers a premium range of consumables for the next working day delivery.



We carry a large volume of Ajan Plasma consumables in stock, ready for next-day courier delivery. The charts below outline the different types of consumables, the individual components and their usage.

Shield Cap



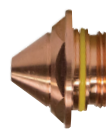
Shield



Nozzle Retaining Cap



Nozzle



Swirl Ring



Electrode



### MILD STEEL (Precision Plasma)

Cutting Current	Shield Cap	Shield	Gas Ring	Nozzle	Swirl Ring	Electrode	Usage Range	Max. Piercing Thickness
30	SC2	S1	G1	N1	SW1	E0	0.5 - 6mm	4mm
40	SC2	S2	G1	N2	SW1	E0	2 - 6mm	6mm
80	SC2	S3	G1	N3	SW1	E0	2 - 20mm	15mm
130	SC2	S4	G1	N4	SW2	E1	3 - 30mm	20mm
260	SC2	S5	G1	N5	SW2	E3	6 - 64mm	38mm

### STAINLESS STEEL (Precision Plasma)

Cutting Current	Shield Cap	Shield	Gas Ring	Nozzle	Swirl Ring	Electrode	Usage Range	Max. Piercing Thickness
45 (N2/N2)	SC2	S2	G2	N2	SW1	E2	0.8 - 4mm	5mm
45 (F2/N2)	SC2	S2	G2	N2	SW1	E2	0.8 - 6mm	5mm
80 (F5/N2)	SC2	S3	G2	N4	SW2	E2	4 - 10mm	10mm
80 (AIR/AIR)	SC2	S3	G2	N4	SW2	E0	4 - 10mm	10mm
130 (N2/N2)	SC2	S3	G2	N6	SW2	E4	6 - 20mm	15mm
130 (H35/N2)	SC2	S3	G2	N6	SW2	E4	10 - 25mm	15mm
130 (AIR/AIR)	SC2	S3	G2	N6	SW2	E1	6 - 20mm	15mm
260 (H35/N2)	SC2	S4	G2	N8	SW2	E4	10 - 50mm	25mm
260 (H35/N2)	SC2	S5	G3	N9	SW4	E5	50 - 100mm	over 50mm
260 (AIR/AIR)	SC2	S4	G2	N8	SW2	E3	6 - 50mm	25mm

### Aluminium (Precision Plasma)

Cutting Current	Shield Cap	Shield	Gas Ring	Nozzle	Swirl Ring	Electrode	Usage Range	Max. Piercing Thickness
45 (N2/N2)	SC2	S2	G2	N2	SW1	E2	1.2 - 6mm	5mm
130 (AIR/AIR)	SC2	S3	G2	N6	SW2	E1	6 - 25mm	15mm
130 (H35/N2)	SC2	S3	G2	N6	SW2	E4	6 - 25mm	15mm
260 (H35/N2)	SC2	S4	G2	N8	SW2	E4	6 - 50mm	25mm
260 (AIR/AIR)	SC2	S4	G2	N8	SW2	E3	6 - 50mm	25mm

### Standard Plasma (Plasma)

Cutting Current	Shield Cap	Shield	Gas Ring	Nozzle	Swirl Ring	Electrode	Usage Range	Max. Piercing Thickness
40	SC2	S33	G11	N33	SW11	E11	1.2 - 6mm	4mm
100	SC2	S33	G11	N55	SW11	E11	2 - 15mm	10mm
200	SC2	S44	G11	N88	SW11	E30	5 - 38mm	20mm

**SCAN HERE  
TO SEE  
THE RANGE  
OF AJAN  
CONSUMABLES**



We carry a large volume of Hypertherm Plasma Consumables in stock, ready for next-day courier delivery. The charts below outline the different types of consumables, the individual components and their usage.



### MILD STEEL CONSUMABLES

Amperage	Shield Cap	Shield	Nozzle Retaining Cap	Nozzle	Swirl Ring	Electrode	SilverPlus Electrode	Water Tube
30 A	HYP-220747	HYP-220194	HYP-220754	HYP-220193	HYP-220180	HYP-220192	-	HYP-220340
50 A	HYP-220747	HYP-220555	HYP-220754	HYP-220554	HYP-220553	HYP-220552	-	HYP-220340
80 A	HYP-220747	HYP-220189	HYP-220756	HYP-220188	HYP-220179	HYP-220187	-	HYP-220340
130 A	HYP-220747	HYP-220183	HYP-220756	HYP-220182	HYP-220179	HYP-220181	HYP-220665	HYP-220340
200 A	HYP-220637	HYP-220761	HYP-220757	HYP-220354	HYP-220353	HYP-220352	HYP-220666	HYP-220340
260 A	HYP-220637	HYP-220764	HYP-220760	HYP-220439	HYP-220436	HYP-220435	HYP-220668	HYP-220340
400 A	HYP-220637	HYP-220636	HYP-220635	HYP-220632	HYP-220631	HYP-220629	-	HYP-220571
80 A (Bevel)	HYP-220637	HYP-220742	HYP-220845	HYP-220806	HYP-220179	HYP-220802	-	HYP-220700
130 A (Bevel)	HYP-220637	HYP-220742	HYP-220740	HYP-220646	HYP-220179	HYP-220649	-	HYP-220700
200 A (Bevel)	HYP-220637	HYP-220658	HYP-220845	HYP-220659	HYP-220353	HYP-220662	-	HYP-220700
260 A (Bevel)	HYP-220637	HYP-220741	HYP-220740	HYP-220542	HYP-220436	HYP-220541	-	HYP-220571
260 A (Bevel)	HYP-220637	HYP-220897	HYP-220896	HYP-220898	HYP-220436	HYP-220899	-	HYP-220571
400 A (Bevel)	HYP-220637	HYP-220636	HYP-220635	HYP-220632	HYP-220631	HYP-220629	-	HYP-220571
30 A	HYP-420200	HYP-420228	HYP-420365	HYP-420225	HYP-420407	HYP-420222	-	HYP-420368
80 A	HYP-420200	HYP-420246	HYP-420365	HYP-420243	HYP-420242	HYP-420240	-	HYP-420368
130 A	HYP-420200	HYP-420255	HYP-420365	HYP-420252	HYP-420242	HYP-420249	-	HYP-420368
170 A	HYP-420200	HYP-420513	HYP-420365	HYP-420261	HYP-420260	HYP-420258	-	HYP-420368
300 A	HYP-420200	HYP-420491	HYP-420365	HYP-420279	HYP-420406	HYP-420276	-	HYP-420368

### STAINLESS STEEL CONSUMABLES

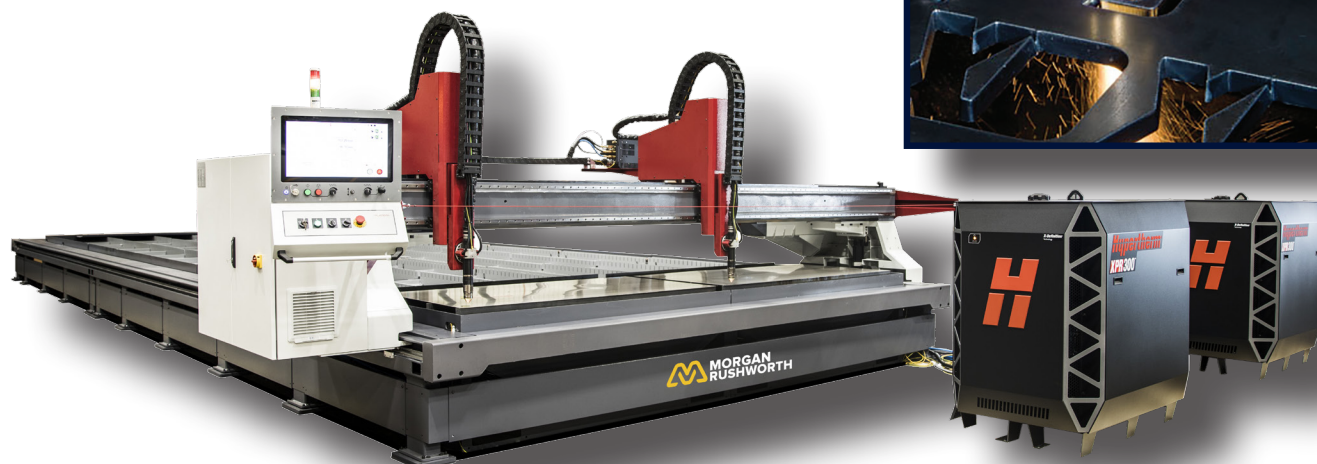
Amperage	Shield Cap	Shield	Nozzle Retaining Cap	Nozzle	Swirl Ring	Electrode	SilverPlus Electrode	Water Tube
45 A	HYP-220747	HYP-220202	HYP-220755	HYP-220201	HYP-220180	HYP-220308	-	HYP-220340
60 A HDI	HYP-220747	HYP-220815	HYP-220814	HYP-220847	HYP-220180	HYP-220339	-	HYP-220340
80 A	HYP-220747	HYP-220338	HYP-220755	HYP-220337	HYP-220179	HYP-220339	-	HYP-220340
130 A	HYP-220747	HYP-220198	HYP-220755 (H35) HYP220755 (N2)	HYP-220197	HYP-220179	HYP-220307	-	HYP-220340
200 A	HYP-220637	HYP-220762	HYP-220758	HYP-220343	HYP-220342	HYP-220307	-	HYP-220340
260 A	HYP-220637	HYP-220763	HYP-220758	HYP-220406	HYP-220405	HYP-220307	-	HYP-220340
400 A	HYP-220637	HYP-220707	HYP-220712	HYP-220708	HYP-220405	HYP-220709	-	HYP-220571
130 A (Bevel)	HYP-220637	HYP-220738	HYP-220739	HYP-220656	HYP-220179	HYP-220606	-	HYP-220571
260 A (Bevel)	HYP-220637	HYP-220738	HYP-220739	HYP-220607	HYP-220405	HYP-220606	-	HYP-220571
400 A (Bevel)	HYP-220637	HYP-220707	HYP-220712	HYP-220708	HYP-220405	HYP-220709	-	HYP-220571

## ALUMINIUM CONSUMABLES

Amperage	Shield Cap	Shield	Nozzle Retaining Cap	Nozzle	Swirl Ring	Electrode	SilverPlus Electrode	Water Tube
45 A	HYP-220747	HYP-220202	HYP-220756	HYP-220201	HYP-220180	HYP-220308	-	HYP-220340
130 A	HYP-220747	HYP-220198	HYP-220755 (H35) HYP220756 (AIR)	HYP-220197	HYP-220179	HYP-220307 (H35) HYP220181 (AIR)	-	HYP-220340
200 A	HYP-220637	HYP-220762	HYP-220759	HYP-220346	HYP-220342	HYP-220307	-	HYP-220340
260 A	HYP-220637	HYP-220763	HYP-220758	HYP-220406	HYP-220405	HYP-220307	-	HYP-220340
400 A	HYP-220637	HYP-220707	HYP-220712	HYP-220708	HYP-220405	HYP-220709	-	HYP-220571

## ADDITIONAL TORCH PARTS

Part Description	Part Code
Hyperformance HPRXD torch main body	HYP-220706
Torch kit, o-rings, water tube	HYP-128879
Consumables removal tool - HPR Torch	HYP-104119
Silicon lubricant for o-rings	HYP-027055
Hypertherm Coolant Filter Element	HYP-027664
Hypertherm Torch Coolant (x2)	HYP-028872



You can order these Hypertherm consumables by giving us a call, or visiting the **Selmach Tooling** website from the QR code to the right.



SCAN FOR MORE INFORMATION

Did you know that Hypertherm Plasma Sources can be used as stand-alone Hand held Plasma Torches as well as on CNC Tables?

We can supply a large range of Raytools and Precitec Laser Consumables, to service our Morgan Rushworth Fibre Laser Cutting Machines. Speak to us about your specific requirements.

### Lens & Cutting Head Parts

Stock Code	Part
808-37309	Protective Lens Lower for Raytools Laser Head
808-37310	Protective Lens Upper for Raytools Laser Head
808-37311	Ceramic Holder for Raytools Laser Head
806-P0588-1022-00002	Precitec Procutter 2.0 Top Lens
806-P0595-58601	Precitec Procutter 2.0 Bottom Lens
806-P0595-92036	Precitec Procutter 2.0 Ceramic KT X

### Raytools Nozzles

Stock Code	Part
808-37324	Raytools 0.8 Single Nozzle
808-37325	Raytools 1.0 Single Nozzle
808-37326	Raytools 1.2 Single Nozzle
808-37300	Raytools 1.5 Single Nozzle
808-37301	Raytools 2.0 Single Nozzle
808-37302	Raytools 2.5 Single Nozzle
808-37303	Raytools 3.0 Single Nozzle
808-37304	Raytools 1.0 Double Nozzle
808-37323	Raytools 1.2 Double Nozzle
808-37305	Raytools 1.5 Double Nozzle
808-37306	Raytools 2.0 Double Nozzle
808-37307	Raytools 2.5 Double Nozzle
808-37308	Raytools 3.0 Double Nozzle
808-37312	Raytools 3.5 Double Nozzle

### Precitec Nozzles

Stock Code	Part
806-P0595-94263	Precitec Procutter 1.0 Nozzle
806-P0595-92688	Precitec Procutter 1.2 Single Nozzle
806-P0595-92733	Precitec Procutter 1.5 Single Nozzle
806-P0595-92734	Precitec Procutter 1.7 Single Nozzle
806-P0595-92735	Precitec Procutter 2.0 Single Nozzle
806-P0595-92736	Precitec Procutter 2.5 Single Nozzle
806-P0595-92737	Precitec Procutter 3.0 Single Nozzle
806-P0595-92738	Precitec Procutter 3.5 Single Nozzle
806-P0595-92739	Precitec Procutter 4.0 Single Nozzle
806-P0595-92740	Precitec Procutter 4.5 Single Nozzle
806-P0595-92741	Precitec Procutter 5.0 Single Nozzle
806-P0595-92868	Precitec Procutter 0.8 Dualcone Nozzle
806-P0595-92871	Precitec Procutter 1.0 Dualcone Nozzle
806-P0595-92879	Precitec Procutter 1.2 Dualcone Nozzle
806-P0595-92881	Precitec Procutter 1.4 Dualcone Nozzle
806-P0595-92883	Precitec Procutter 1.5 Dualcone Nozzle
806-P0595-92886	Precitec Procutter 1.8 Dualcone Nozzle
806-P0595-92901	Precitec Procutter 2.0 Dualcone Nozzle
806-P0595-92904	Precitec Procutter 2.3 Dualcone Nozzle
806-P0595-92906	Precitec Procutter 2.5 Dualcone Nozzle
806-P0595-92909	Precitec Procutter 3.0 Dualcone Nozzle
806-P0595-92911	Precitec Procutter 3.5 Dualcone Nozzle
806-P0595-92913	Precitec Procutter 4.0 Dualcone Nozzle
806-P0595-92915	Precitec Procutter 4.5 Dualcone Nozzle
806-P0595-92917	Precitec Procutter 5.0 Dualcone Nozzle



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SCAN FOR MORE INFORMATION

**To order additional Plasma /  
Laser Consumables,  
visit our consumables website  
- [www.selmachtooling.co.uk](http://www.selmachtooling.co.uk), or  
scan this QR code.**



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