

Hypertherm®

New HyPro2000™ retrofit torch = High productivity for MAX200



TECHNOLOGY UPGRADE

PERFORMANCE

The HyPro2000 for the MAX200 provides increased PRODUCTIVITY through 25% FASTER SPEEDS, 75% LONGER LIFE and a quick-disconnect torch!

25% Increase in cutting speed

- HyPro2000 technology dramatically improves productivity with increased cut speeds of 25% compared to the standard MAX200®.

75% Increase in consumable life

- HyPro2000 consumable technology dramatically reduces operating cost with a 75% increase in consumable life, compared to the standard MAX200 copper electrode.

The graph to the right shows tested HyPro2000 consumables improving life by at least 25% over MAX200 standard copper.

Quick-disconnect torch

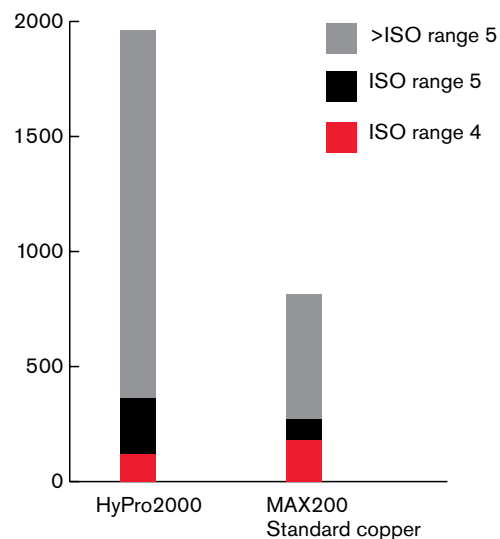
- The HyPro2000 torch is a quick disconnect with an easy alignment feature.

“As a steel structure manufacturer productivity is critical to our success. By simply retrofitting our recently purchased MAX200 with the new HyPro2000 torch, we’ve realized a 25% increase in hourly part production with the 30% increase in cutting speeds and improved consumable life at 200 amps. We are thrilled to have gained such a dramatic improvement in productivity for such a minimal investment.”

– Mr. Claude Simard, Owner Jean Simard et Fils P.D.L. Lte Trois-Rivieres, QC, Canada

Cut quality over life (200 A)

12 mm (1/2") mild steel, 15 m (50') leads



HyPro2000 torch

COMPATIBLE WITH

MAX200®

CUT CHART

200 A air with standard copper for HyPro2000

Plasma gas (psi)		Shield gas (psi)	Material thickness (inches)	Arc voltage (volts)	Torch-to-work distance (inches)	Cutting speed (ipm)	Initial pierce height		Pierce delay time (s)
Test	Run						(inches)	Factor %	
Air	Air	Air							
30 (65 SCFH)	48 (65 SCFH)	45 (220 SCFH)	1/4	152	0.04	190	0.12	300	0.4
			5/16	153	0.05	180	0.15	300	0.6
			3/8	155	0.10	120	0.20	200	0.9
			1/2	158	0.13	100	0.26	200	1.2
			5/8	162	0.19	70	0.38	200	1.3
			3/4	165	0.19	60	0.38	200	1.5
			7/8	170	0.19	50	0.38	200	1.7
			1	175	0.25	35	0.45	180	2.2
			1-1/4	178	0.25	25			
			1-1/2	184	0.25	18			
1-3/4	192	0.25	10				Edge start		
			2	201	0.25	6			

Please note: Speeds can be seen faster than listed, however this is just a guide to what is at least expected.
 If leads are greater than 15 m (50'), increase Plasma test and shield pressure 0.3 bar (5 psi) for every 7.5 m (25') of torch lead length.



LIST

Consumables and parts description 200 A air	Part number
HyPro2000 upgrade kit includes:	228908
(2) 200 A nozzle	
(2) 200 A copper electrode	
(1) HyPro2000 machine torch	
(1) Quick-disconnect receptacle	
(1) Operators manual	
(1) 50.8 mm (2") sleeve	
(1) 44.45 mm (1.75") sleeve	
(1) Insulator tube	
(1) Silicon lubricant 1/4 oz.	
(1) Consumable tool	
(1) Plasma extension hose	
(1) Box of spare o-rings	

Scan this tag with a smart phone to watch the installation demonstration video



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