

MAX200 HEAVY-DUTY PLASMA CUTTING SYSTEM

MAX200 SYSTEM COMPONENTS:

- Power Supply
- Torch Assembly
- 25'/50' (7.5 m/15 m) Torch Leads
- Consumable Parts Kit
- 25' (7.5 m) Work Cable with Clamp
- Torch Coolant



SPECIFICATIONS:

Model Number: MAX200
***Input Voltage:** 220/380/415 V, 3Ph, 50/60 Hz
 240/480 V, 3Ph, 60 Hz, CSA
 400V, 3Ph 50 Hz, CE Certified
Input Current: 90/45 A, 240/480 V
 @ 30 kw Output
 98/57/52 A,
 220/380/415 V
 @ 30 kw Output
Output Voltage: 150 V DC
Output Current: 40 to 200 A
Duty Cycle: 100%
Maximum OCV: 280 V DC
Dimensions : 41" (1040 mm) Depth
 28" (710 mm) Width
 43" (1090 mm) Height
 780 lbs (350 kg)
Weight:
Gas Supply:
Plasma Gas: Air, N₂, O₂, Ar-H₂
Plasma Flow (Air): 66 scfh (31 l/min)
Plasma Pressure: 120 psig (8.3 bar)
Shield Gas: Air, N₂, CO₂
Shield Gas Flow (Air): 280 scfh (132 l/min)
Shield Gas Pressure: 90 psig (6.2 bar)

OPERATING DATA:

Maximum Cutting Capacity: 2" (50 mm)

**Recommended Maximum Mechanized
Production Capacity: 1" (25 mm)**

MATERIAL	THICKNESS		CURRENT (A)	APPROXIMATE TRAVEL SPEED	
	(inches)	(mm)		(ipm)	(mm/min)
MILD STEEL	1/4	6	200	135	3400
	3/8	10	200	105	2700
	1/2	12	200	85	2200
	3/4	19	200	55	1400
	1	25	200	35	900
	1 1/4	32	200	20	500
ALUMINUM	1/4	6	200	190	4800
	3/8	10	200	145	3700
	1/2	12	200	110	2800
	3/4	19	200	65	2200
	1	25	200	35	900
	1 1/4	32	200	20	500
STAINLESS	1/4	6	200	195	5000
	3/8	10	200	145	3700
	1/2	13	200	105	2700
	3/4	19	200	55	1400
	1	25	200	30	760
	1 1/4	32	200	15	380
1 1/2	38	200	10	250	

*NOTE: OTHER VOLTAGES AVAILABLE

For more information about the MAX200 Heavy-Duty
cutting System, Call us today, TOLL FREE
in the USA and Canada:

1-800-643-0030

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MAX200[®] HIGH CAPACITY, DUAL GAS PLASMA CUTTING SYSTEM

For Cutting Gauge
To 2-Inch (50 mm) Metals

HYPERTHERM[®]



Hypertherm is ISO 9001 registered

HIGH PRODUCTIVITY . . . LOW COST OPERATION . . . DUAL GAS CAPABILITIES: THE MAX200 FROM HYPERTHERM IS THE ANSWER TO YOUR HEAVY-DUTY, HIGH CAPACITY METAL CUTTING NEEDS.

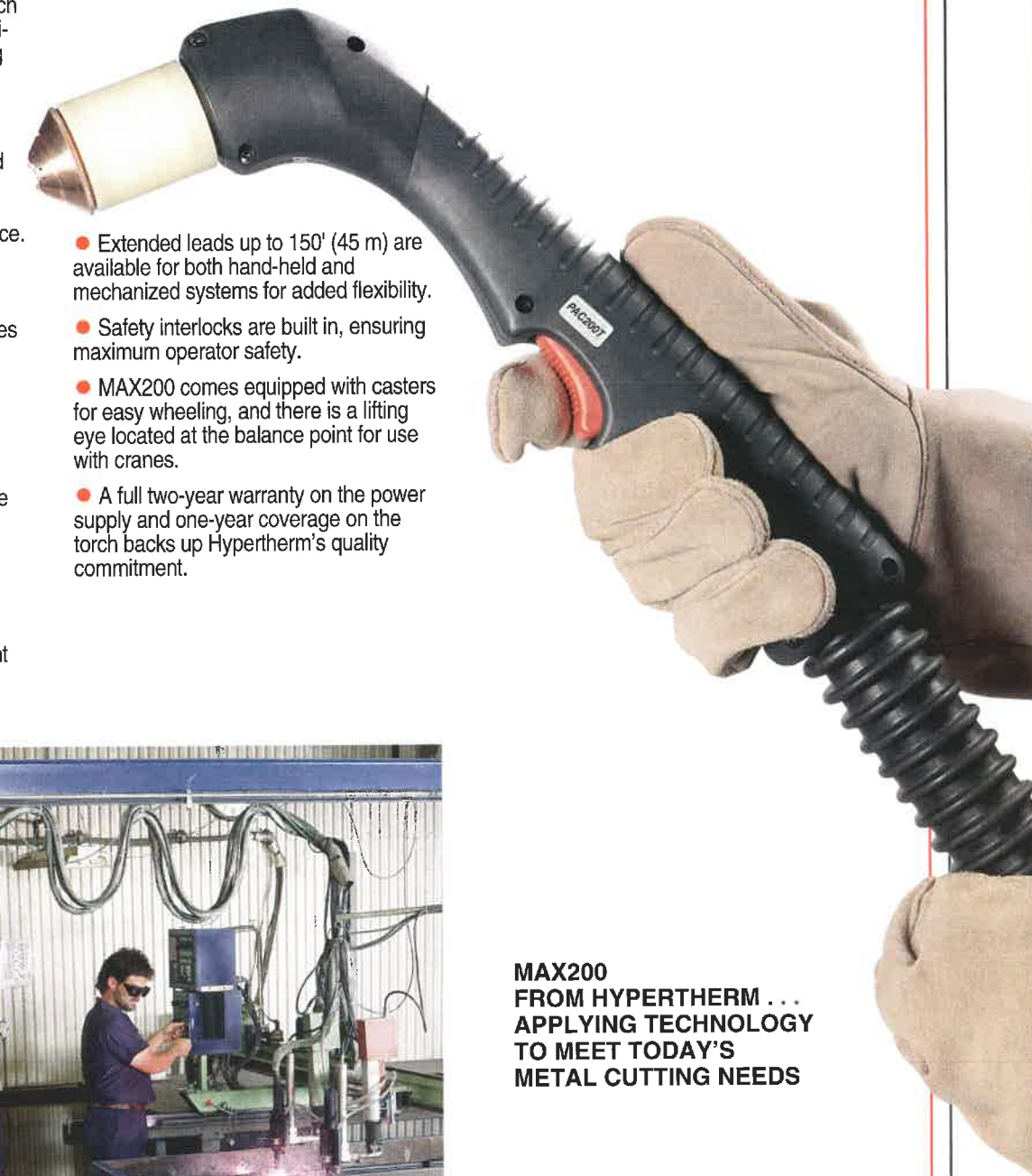
The MAX200 continues Hypertherm's tradition of combining advanced technology and superior quality to deliver operating advantages that are unmatched in the industry.

THE MAX200 ADVANTAGE...

- 200 amp, 30 kw power output delivers heavy-duty cutting capacity up to 2 inches (50 mm) thick on most metals; typical cutting speeds greatly exceed oxyfuel or other methods.
- 100% duty cycle at full power keeps you cutting — all day long.
- Adjustable power output from 40 to 200 amps lets the operator precisely match power to cutting requirements.
- A state-of-the-art transistorized power supply maintains constant output current regardless of variations in input voltages or torch-to-work distances, ensuring clean, square cuts throughout the cutting range.
- MAX200's dual gas system — plasma and shield — allows you to run on Air/Air, O₂/Air, N₂/Air, N₂/CO₂, Ar-H₂/N₂ or other combinations for optimal results on all metals and conditions.



- The MAX200's patented shielded torch front-end practically eliminates the possibility of double arcing, greatly enhancing piercing capabilities and extending consumable parts life.
- The water-cooled torch provides maximum cooling, another factor behind MAX200's long consumable parts life; the cooling system is built into the power supply for exceptional convenience.
- The MAX200 can be used on cutting machines or for hand-held applications.
- A machine motion delay control comes built into every system.
- Optional Torch Height Control (THC) and inductive Initial Height Sensing (IHS) are available for machine use.
- New consumables, an optional extended torch and heat shield, optimize the MAX200 for gouging applications.
- A full set of easy-to-read indicator/diagnostic lights monitor the status of external door panels, transformer and chopper temperature, coolant level, plasma and shield gas pressure, coolant temperature, and coolant flow, greatly simplifying troubleshooting.



- Extended leads up to 150' (45 m) are available for both hand-held and mechanized systems for added flexibility.
- Safety interlocks are built in, ensuring maximum operator safety.
- MAX200 comes equipped with casters for easy wheeling, and there is a lifting eye located at the balance point for use with cranes.
- A full two-year warranty on the power supply and one-year coverage on the torch backs up Hypertherm's quality commitment.

**MAX200
FROM HYPERTHERM . . .
APPLYING TECHNOLOGY
TO MEET TODAY'S
METAL CUTTING NEEDS**