XPERT GCM 3500
CNC Plasma System

Xpert GCM 3500 is a robust gantry designed for superior cutting performance through smooth motion and accuracy for medium thickness plates of mild steel, stainless steel and aluminium. Its dual-side, high-speed AC drives and high-speed plasma lifter helps deliver high productivity.

- Quick Set-up with Split screen for next job preparation while viewing current job
- Integrated Promotion Software & Cut Cost Calculator
- Remote Diagnostics

- **PERFORMANCE:** A dual-drive system that produces higher-quality cutting parts as a result of high speed and smooth motion.

- **PRODUCTIVITY:** Technological innovation and automation of the entire process produces the highest productivity in any application.

- **SAFETY :** Anti-collision system protects the plasma torch from damage during collision.

Xpert GCM 3500 Gantry

Features:

- Windows 10 Embedded OS
- Quad Core Intel Processor for motion & I/O
- 250 GB SATA SSD Hard drive
- In-built Wi-Fi
- Auto-logging of Cutting Statistics
- In-built Nesting Software
- Automatic machine software back-up
- Remote diagnostics

Industries:

- Light fabricación
- Industrial & General fabrication
- General manufacturing
- Structural steel fabrication

Simple CNC with easy menu-driven operation

High Cut Quality

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Specifications of machine

Input Power	3 phase 415V 50/60HZ
Effective Cutting Width	3,000 mm
Effective Cutting Length	6,300 mm / 13,000 mm
Output current range	30 - 120A
Plasma Torch	SL 100
Plasma System	ESAB PC-120
Plasma Cutting Range	3 – 16 mm
CNC	iCNC Performance-e
Positioning Speed	Maximum 12000 mm/min
Recommended Cutting Speed Range	3,000 – 6,000 mm/min
Positioning Accuracy	0.5 / 1000 mm
Positioning Repeatability	0.2 / 1000 mm

Specifications of ESAB PC 120

Max output	120 A
Recommended cut	16 mm
Mains supply, 50/60 Hz	415 VAC, 3 Phase supply
Output range	30 - 120A
Output power	15.4 Kw
Output at 80% duty cycle	120 A
Output at 100% duty cycle	100A @40℃
Max OCV	260 VDC
Torch air pressure	4 bar – 6 bar
Torch air consumption	189 l/min (400.5 cfh)
Weight, incl cable and torch	52 kg (115 lbs.)

Ordering Information

Description	Part number
Xpert GCM 3500 X 8000/PC120/Oxy fuel	4660102000
Xpert GCM 3500X 15000/PC120/Oxy fuel	4660102001

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MANAGEMENT SYSTEMS