



PythonX PLATE

The next evolutionary step in 2D plasma cutting

PYTHONX[®]
PLATE

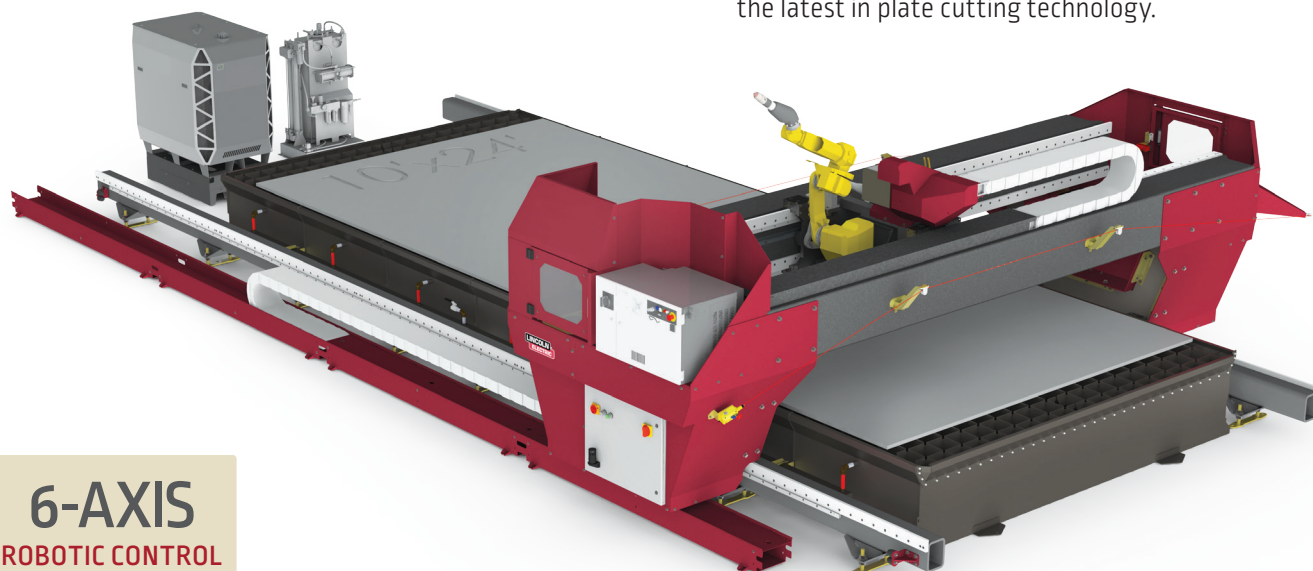
LINCOLN[®]
ELECTRIC



PythonX PLATE

FROM THE INDUSTRY LEADERS IN 2D PLASMA CUTTING

Lincoln Electric® presents PythonX® PLATE,
the latest in plate cutting technology.



6-AXIS

ROBOTIC CONTROL
+ DRILL STATION*

ATC

CENTER POINT
CALIBRATION

GRATING

HIGH SPEED
PRODUCTION

ASYNCR

LOOK-AHEAD
TECHNOLOGY

STAIR

STRINGER
LAYOUT

EXTREMELY

EASY

TO OPERATE

AVAILABLE

OXY

FUEL CUTTING*

PLASMA CUTTING SPECIFICATIONS

MILD STEEL		mm	inches
Pierce capacity	[argon-assist]	50	2
	[standard O ₂]	45	1-3/4
Severance		80	3-1/8
STAINLESS STEEL			
Pierce capacity		38	1-1/2
Severance		75	3
ALUMINUM			
Pierce capacity		38	1-1/2
Severance		50	2



Introducing the next evolutionary step in robotic plasma plate cutting

The PythonX PLATE from Lincoln Electric is a next generation robotic cutting table that will power up your production and improve part quality. PythonX PLATE offers better reliability and ease of use when compared to non-robotic plate cutting tables. Due to the progressive machine design—and more than a decade of advancements in robotic plasma cutting technology—PythonX PLATE makes robotic plate cutting a profitable choice.

FAMILIAR SHOP SETTINGS AND CONTROLS

Among the machine's many strengths are its sensible integration of standard plate-cutting methods, shop terminology, and its reliance on standard controls. Those who grew up in the fabrication industry will be pleased to find that PythonX PLATE operates just the same as any XY plasma table. The key differences between a conventional plasma burner and the PythonX PLATE and are its virtually endless plate cutting abilities, versatility, and breathtaking speed.

ROBOTIC SOFTWARE CUTS TIME, MONEY, HUMAN ERROR

The ability to process all types of profiles quickly is due in large part to FullCircle™ robotic cutting software suite. FullCircle makes administration time—inventory tracking, part detailing, production, efficiency, and quality control—much less costly.

6-AXIS ROBOTIC CONTROL

Industrial robotic arm coupled with a Swiss-made gear track provides reliable precision and flexibility.

HIGH DEFINITION PLASMA SYSTEM

The PythonX PLATE features a high-power 300 amp plasma system that cuts up to 3.3" thick with automated gas control.

INTEGRAL DOWNDRAFT VENTILATION SYSTEM*

Controlled fume extraction provides maximum efficiency and operator safety. Integrates with Inovatech Engineering dust collection systems.*

INTEGRAL PRESSURE BOOSTER SYSTEM

Run your compressor at normal psi (100) without exerting your shop air. AIRPACK comes standard to supply clean, dry, 220+ psi air to the machine. Meets most mfr. specifications.

MECHANICAL DRILL STATION*

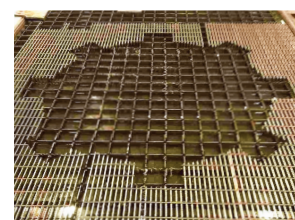
30 hp drill motor is capable of drilling up to 1-5/8" holes. The drill station is equipped with through-spindle cooling. Includes automatic tool changer.

CAMERA PLATE SQUARING

High-precision camera locates the plate. Eliminates manual setup and plate repositioning. Cuts bevels, grating, and AISC compliant bolt holes without operator intervention.

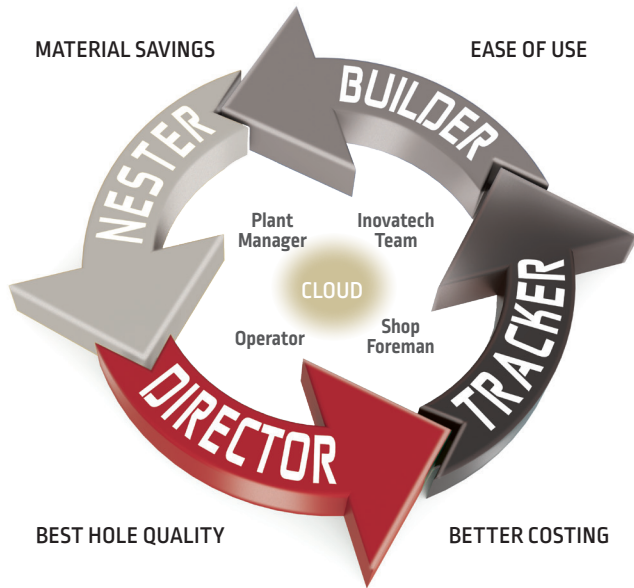
OPERATOR STATION

Controls, monitors, and communicates all machine functions. Comes standard with industrial PC and FullCircle robotic plasma software suite to administrate batch operations and real-time control.



*Optional equipment. Contact your sales representative.

SOFTWARE + CONTROLS



↑
Automatic height control
FOR LONGER CONSUMABLE LIFE
↓

FULLCIRCLE™

FEATURE-RICH CNC SOFTWARE SUITE DRIVES REAL TIME CONTROL AND BATCH OPERATIONS

In an industry where profit is counted by the millisecond FullCircle robotic CNC software can help improve your bottom line. Optimize efficiency, tweak settings, cuts, track inventory. FullCircle will boost your productivity, cut costs, and control every aspect of production.

BUILDER

Quickly, easily detail parts from scratch.

DIRECTOR

Easily produce parts and control all aspects of the production process.

NESTER

Nest complex jobs with ease.

TRACKER

Analyze production and efficiency using automatically stored machine statistics.

PYTHONX®
PLATE

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