

COX STUD WELDING

CALL FOR QUOTES
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Description:

The LYNX FUSION is a micro-controlled arc stud welding system capable of welding 1/2" full thread fasteners with ferrules or inert gas. Its bright high contrast display has a multitude of features while offering a simple three button user interface.

Welding Process:

Arc and short cycle with ferrules or inert shielding gas

Output:

800 Amps

Adjustable gas flow

Adjustable pilot arc

Adjustable weld time

Input:

3 phase 208-230VAC 50/60 hertz, 60 amps

3 phase 400-480VAC 50/60 hertz, 40 amps

3 phase 575 50/60 hertz, 30 amps

Weld Range:

1/2", 6 welds per minute

3/8", 12 welds per minute

5/16" 20 welds per minute

1/4" unlimited

Enclosure Weight and Dimension:

120lbs.

14"W X 10"H X 20"L

Thunder blue with large dual lifting handles

Heavy duty Dinse® welding connectors

Gun:

IWT-A2 with 20ft of #2 welding cable

Heavy duty Dinse® welding connector

Amphenol® control connector

Easily adjustable lift - no tools required

Grounds:

Dual ground with 20ft of #2 cable

LYNX
ARC STUD WELDING SYSTEM
fusion



Extreme Power

Small Foot Print

Simple Interface

Advantages:

- Designed and Manufactured in the USA
- Easy to operate – everything controlled from three buttons!
- Operator can modify gas flow, pilot arc and weld time
- Last user settings are stored in memory during power off for easy startup
- Micro-controlled – upgradable programming for future software versions and features
- PulseLift™ Solenoid protection – an innovative control which prevents damage due to overheating of the lifting coil, monitors solenoid lifting when not welding.
- Lift Check – allows operator a visual indication of the lift without welding
- Chuck saver – prevent operator from double triggering the system
- Gas flow check – purge the system and confirm gas flow
- Safety shutdown – safely powers down the system in the event of an internal fault
- Thermal protection – various sensors monitor internal system temperature, prevents transformer damage
- On demand fan – fan output regulated based on duty cycle
- PLC ready for automatic applications - for use with IWT Autofeed systems
- OLED display monitors welding functions – provides feedback to operator during each weld cycle
- Gun overload protection – monitors solenoid during lift check
- USB interface – feature available on select models
- Multiple language support – English/ Spanish on select models
- RoHS Compliant
- CE/CSA/UL Compliance pending

Micro-Controlled

Upgradable

OLED Display

Thermal Protection



IWT-LYNX Fusion