

# 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 3/8" 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:

600 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:

3/8", 6 welds per minute  
5/16", 12 weld per minute  
1/4", 20 welds per minute

## Enclosure Weight and Dimension:

90lbs  
14"W X 10"H X 20"L  
Thunder blue with large lifting handles  
Heavy duty Dinse welding connector

## 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 600



*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