COX STUD WELDING

INVERTER1305i

COMPACT AND FLEXIBLE

TECHNICAL DATA	INVETER 1305i
Stud diameter (Ø)with Ferrule	1/8"-5/8" (3-16mm)
Stud diameter (Ø) Short Cycle	1/8"-5/16" (3-8mm)
Stud diameter (Ø) Short Cycle (Shielding Gas)	1/8"-1/2" (3-12mm)
Shielding Gas	Standard
Maximum Current	1,300 A
Current Setting Range (Stepless)	200-1300 A
Time Setting Range (Stepless)	20-1000 ms
Shielding gas pre-flow time (ms)	100-2000 ms
Shielding gas post-flow time (ms)	100-1000 ms
Storage option (parameter sets)	20
Max. studs/min	2/min at 5/8" Ø 5/min at 1/2" Ø
Input Voltage	208/230/460
Fusing Requirements (Time-Delay)	60/50/25
Mains power consumption (Max)	73 kVA
Mains voltage tolerance	15/+6 %
Protection type	IP 23
Cooling type	Fan
Storage temperature range	-20°C to +70°C
Relative humidity	up to 50% at 40°C up to 90% at 20°C
Housing dimensions (L x W x H)	22" x 7" x 16"
Castor wheels/fixed wheels	Rubber Feet
Handle	1
Crane eye	0
Weight	53 lbs (24 kg)
Welding gun connections	1
Grounds	1



INVERTER Series

PRODUCT HIGHLIGHTS

+ Self-diagnostics for: Over-temperature, short circuit in control cable, mains phase failure and pilot current fault
+ Ideal for mobile tasks
+ Microprocessor-controlled
+ Constant current control
+ Re-triggering safety device
+ Mains connection special voltages (V): optional
+ Control unit protected against dust and moisture
+ Steel housing, powder-coated
+ Stud counter
+ Connection of automatic components: optional
+ Menu navigation: multilingual
+ Parameter library
+ 4 languages: English, German, French, Italian
+ Stepless, exact adjustment of welding current and time
+ Suitable of thin work-pieces
+ Display lock