

Asahi/America Welding Equipment Guide

Industrial & High Purity Welding Equipment



*Effective 8/01/01
Subject to Change Without Notice*

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Contents

Butt Fusion Shop Welders

Miniplast - Shop 4
W2500: Shop 12 Manual
W4002: Hydraulic Bench 12

Electrofusion Tools

HPF: Portable Beadless Fusion
The Polymatic

Hydraulic Trench Machines

CNC 3.0 Automated Welder
W4400: Trench 6
W4900: Trench 12
W5100: Trench 18
W5500: Trench 20
W6100: Trench 24

I/R High Purity Welders

SP110: Fully Automated Welding IR Fusion
SP250: Fully Automated Welding IR Fusion
UF2000/1: Semiautomated IR Fusion
UF2000/2: Semiautomated IR Fusion

Socket Fusion Tools

Hand Held Socket 2
W3500: Bench Socket 4

UF2000/1: Semiautomated IR Fusion

Sizes: 1/2" - 2" (20-63mm)

**Welds: PVDF, PP, E-CTFE and
HDPE**

IR Fusion Process



Complete Unit includes:

Rental Part number: 9779000

Available for rental only

Computer Control, 230 V, Planer, Heating Element
2"(63mm) Master Clamps, Inserts from 1/2" - 1 1/2" (20-50mm)
Security Card Reader and built-in label printer

Options:

Description	P/N	List
Printer Labels	6708000	\$ 30
Planer blades	6703300	\$ 300
110 to 220 V Power Convertor	5868000	\$ 1,000

Weld Certification Training: \$750 per day plus expenses

UF2000/2: Semiautomated IR Fusion

Sizes: 2-1/2" - 10" (75-250mm)

Welds: PVDF, PP

IR Fusion Process



Complete Unit includes:

Computer Control
Planer
Heating Element
6" (160mm) and 10"(250mm) Master Clamps
Inserts 2-1/2" - 4" (75-110mm) and 8" and 9" (200-225mm)
Label Printer
Security Card Entry
230 VAC 3 Phase

Rental Part number: 9780000

Available for rental only

Options:

Description	P/N	List
Printer Labels	6708000	\$ 30.00
Planer Blades	6703302	\$ 500.00

Weld Certification Training: \$750 per day plus expenses

SP110: Fully Automated Welding IR Fusion

For IR-Fusion and
Butt-Fusion

Dim 20 to 110 mm
(Dim ½" to 4")

PFA (½" to 2")

Weldable materials:

PVDF
PPR, PPH, PP natural (Polypure®)
ECTFE
PureBond® PFA



**One welding equipment for large dimensional
range from 20 up to 110 mm (½" to 4")**

COMPLETE UNIT INCLUDES:

Touch Screen; 230V, 16 Amp Planer; Heating Element; Clamps and Inserts; Cabinet; Shipping Crate; Printer; One Roll of Printer Labels; and PCMCIA Operator Card

(Purebond Clamps and Program Sold Separately)

List Price: \$45,000

Part number: 5861000

Available for Rental

Part number: 9861000

SP SERIES OPTIONS

Description	P/N	List
Printer	5865000	\$ 3,150
PFA pipe inserts	5782110	\$ 4,500
Labels	5866000	\$ 162
Thermo printer ribbon	5867000	\$ 70
110 to 220VAC power converter	5868000	\$ 1,000

Specifications

Voltage	[VAC]	230
Power	[kW]	3.5
Current	[A]	16
Frequency	[Hz]	50/60
Weight without packaging	[kg]	98
Weight with packaging	[kg]	163
Measurement of the transport box	[mm]	1075 x 740 x 715

1 kg = 2,205lbs. ; 1 mm = 0,0394 inch

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SP250: Fully Automated Welding IR Fusion

For IR-Fusion and
Butt-Fusion

Dim 75 to 250 mm
(Dim 2½" to 10")

Weldable materials:

PVDF
PPR, PPH, PP natural (Polypure®)
ECTFE



**One welding equipment for large dimensional
range from 75 up to 250 mm (2½" to 10")**

COMPLETE UNIT INCLUDES:

Touch Screen; 230V, 20 Amp Planer; Heating Element; Clamps and Inserts; Frame and Wheels; Integrated Tool Box; Printer; One Roll of Printer Labels; Shipping Crate; and PCMCIA Operator Card

List Price: \$78,100

Part number: 5869000

Available for Rental

Part number: 9869000

SP SERIES OPTIONS

Description	P/N	List
Printer	5865000	\$ 3,150
Labels	5866000	\$ 162
Thermo printer ribbon	5867000	\$ 70

Specifications

Voltage	[VAC]	230
Power	[kW]	4,6/5,75
Current	[A]	20/25
Frequency	[Hz]	50/60
Weight without packaging	[kg]	app. 515
Weight with packaging	[kg]	app. 598
Measurement of the transport box	[mm]	1030 x 1420 x 1220

1 kg = 2,205lbs.; 1 mm = 0,0394 inch