

## Sidewinder

The McElroy **Sidewinder**® fusion machines give you the ability to saddle fuse 4" IPS and smaller branch saddles, tapping tees and service saddle fittings onto 1¼" IPS and larger main sizes. The Sidewinder comes in two configurations: the Jaw Clamp and Chain Clamp. The Jaw Clamp Sidewinder is used for fusing branch saddles, tapping tees and service saddle fittings onto 1¼" to 4" IPS main sizes. The Chain Clamp Sidewinder gives you the ability to fuse onto main sizes larger than 4" IPS. Both Sidewinders are DataLogger® compatible.

The standard size Sidewinders are designed to fuse a full range of fittings. The compact Sidewinders are designed for tighter confines and smaller fittings.

- Quick Release System
- Manually operated
- Microprocessor-controlled heater
- Fuses a variety of fittings
- DataLogger® compatible



### Sidewinders For Sidewall Tooling, see pages 122-126

Includes fusion machine, 3" pivot master and screw/driver kit. Heaters and adapters are sold separately.

Model	300 PSI Gauge	600 PSI Gauge	1000 PSI Gauge	1500 PSI Gauge
Chain Clamp	ASW00113	ASW00112	ASW00111	ASW00110
Compact Chain Clamp	ASW00123	ASW00122	ASW00121	ASW00120
Jaw Clamp	ASW00133	ASW00132	ASW00131	ASW00130
Compact Jaw Clamp	ASW00143	ASW00142	ASW00141	ASW00140

\* Choose the gauge option to best suit the fittings you plan to fuse. Lower pressure gauges offer smaller increments for a more precise pressure reading. Your fitting manufacturer can recommend the proper fusion pressures.

**Chain Clamp**

Width: ....12.5" (318mm)  
Depth: ....12.5" (318mm)  
Height: . 26.5" (673mm)  
Weight: .... 28 lbs (13Kg)

**Compact Chain Clamp**

Width: ....12.5" (318mm)  
Depth: ....12.5" (318mm)  
Height: . 21.4" (546mm)  
Weight: .... 27 lbs (12Kg)

**Jaw Clamp**

Width: ... 10.5" (267mm)  
Depth: .. 7.75" (203mm)  
Height: .... 28" (711mm)  
Weight: .. 26 lbs (11.7Kg)

**Compact Jaw Clamp**

Width: ... 10.5" (267mm)  
Depth: .. 7.75" (203mm)  
Height: .... 23" (584mm)  
Weight: .... 25 lbs (11Kg)

**GENERATOR**

To size your generator see **Page 147**

**DataLogger**

To learn more about the DataLogger see **Page 108**

**SIDEWALL ACCESSORIES**

To find sidewall fusion accessories see **Pages 120-124**

**McElroy Technical Service: Online or Off** Whether you prefer online documentation, discussion forums, facebook, twitter, or a personal phone call, our technical services staff along with our worldwide distributor network are ready to assist with any technical issue on or off the jobsite.



See page 140 for more details.

Part No.	Description
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**2" Multi-Mc® Heaters** - Heater adapters sold separately. See legend above for more information.

	Microprocessor-controlled to maintain heater temperature.	
A	214905	100-120V, 50/60Hz, 800 Watt, 1Ph
C	214906	200-240V, 50/60Hz, 800 Watt, 1Ph

**4" Multi-Mc® Heaters** - Heater adapters sold separately. See legend above for more information.

	Microprocessor-controlled to maintain heater temperature.	
A	424315	100-120V, 50/60Hz, 1200 Watt, 1Ph
C	424316	200-240V, 50/60Hz, 1200 Watt, 1Ph

**Pivot Release Master**

	SW04701	3" IPS pivot master (Included with Sidewinder).
	SW07301	4" IPS pivot master.

**Conversion Clamp Kits**

	ASW10301	Chain clamp kit.
	ASW10201	Jaw clamp kit.

**Insulated Heater Sling**

	SW08601	Protects heater and helps maintain constant temperature.
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**Sidewinder Conversion Kits**

	SW13602	Converts Sidewinder from a standard to compact configuration.
	SW13601	Converts Sidewinder from a compact to standard configuration.

**Chain Extension Kit**

	A213601	30" chain extensions for main sizes larger than 8" IPS. Requires a minimum of two.
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Part No.	Description
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**Spare Screw/Driver Kit**

	ASW07801	Driver kit with insert screws and wire brush for cleaning serrated jaws and inserts.
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**DataLogger®** - To learn more, see page 108

	Used to record and document fusion process parameters.	
	DL6303	Wireless DataLogger
	DL6304	Wired DataLogger
	DL13501	<b>NEW!</b> DataLogger 4 English Package*

\* Other languages available. See page 108 for details.

**DataLogger Adapter Kit**

	ADL6603	DataLogger adapter kit for Sidewinder. For more information, see page 109.
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**Heat Shield**

	203005	For fusing two materials with different melt rates. Shields the faster melt rate materials from over melting.
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**Pyrometer Kit**

	A218804	Accurately checks surface temperatures of heater.
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**Insert & Adapter Box**

	ASW15902	Storage box with universal storage tray to organize tooling.
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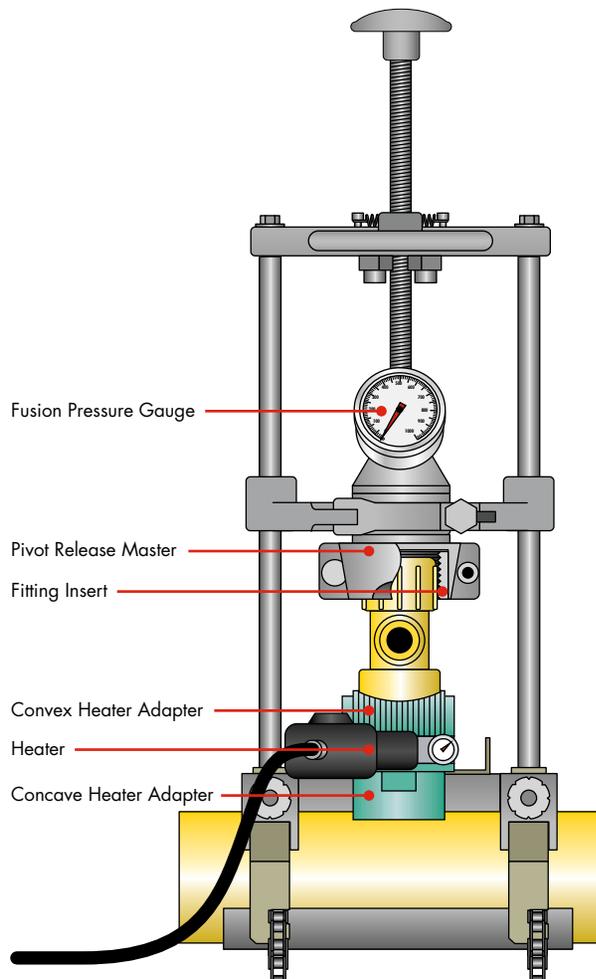
**Storage Box**

	MIQ00191	Storage box for Sidewinder fusion machines, inserts and adapters.
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Part No.	Description
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**Spare Gauge Kit**

	ASW13104	300 PSI Kit
	ASW13102	600 PSI Kit
	ASW13105	1000 PSI Kit
	ASW13103	1500 PSI Kit



**For Sidewall Tooling:** See pages 120-124

To see a video of the Sidewinder go to:  
[www.mcelroy.com/fusion/videos.htm](http://www.mcelroy.com/fusion/videos.htm)