

Mini-Mc[®] Fusion Machine

Fusion Capability for ½" CTS – 1" IPS (16mm – 34mm)



Mini-Mc[®]

McElroy's smallest fusion machine, the **Mini-Mc[®]**, makes small diameter butt fusion projects simple. They are compact, lightweight, highly reliable, accurate and rugged. Perfect for joining ½" CTS to 1" IPS (16mm to 34mm) service sizes. The Mini-Mc requires only one operator and works in the most difficult conditions. McElroy's patented features and precision engineering provide joint integrity and minimal maintenance. The narrow clamp design provides for butt fusion with precise pipe alignment at the

fusion joint. The heater is thermostatically controlled and has a durable anti-stick coating.

- Compact, lightweight
- Hand-operated
- Thermostatically controlled heater
- 2.3-to-1 mechanical advantage



Mini-Mc

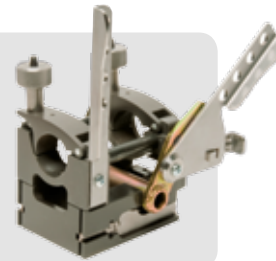
Includes fusion machine and screw/driver kit. Heater, facer, and inserts are sold separately.

Machine Size	Model No.
1" IPS Mini-Mc	CTS07901
32mm Mini-Mc	CTS08001

WHEN WORKING IN TIGHT CONFINES, TRY THE 1LC.

Are you fusing from above? Working in-ditch? Check out the new 1LC, which fuses the same sizes as the Mini-Mc.

See page 14 for more details.



MACHINE PLUG TYPE

To find the right electrical plug type see [Page 140](#)

GENERATOR

To size your generator see [Page 147](#)

ACCESSORIES

To find other related accessories see [Page 128](#)

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.

Mini-Mc®

7.75" 197mm 3.75" 95mm

11.5" 292mm

CAPACITY

Fuses Pipe Sizes: ½" CTS – 1" IPS (16mm – 34mm)

WEIGHT

Machine: 3.5 lbs (1.6Kg)
 Heater: 3.24 lbs (1.47Kg)
 Ratchet Facer: 0.54 lbs (0.24Kg)
 Knurled Facer: 0.25 lbs (0.11Kg)

POWER

Heater Power: 300 Watt
 Facer Power: Hand-operated

WARRANTY

Term: 3 Years, see page 7 for details

Specifications subject to change without notice.

Part No.	Description
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Heaters - See legend above for more information.

	A	CTS00702	100-120V, 50/60Hz, 300 Watt, 1Ph
C	CTS00703	200-240V, 50/60Hz, 300 Watt, 1Ph	

Insulated Heater Sling

	CTS08301	Protects heater and helps maintain a constant temperature.
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Ratchet Facer

	CTS15014	This facer is designed for increased leverage.
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Knurled Facer

	CTS01701	This facer is designed for compact use.
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Spare Facer Blade Set

	CTS06803	Set of two spare facer discs. Compatible with either facer and made of hardened steel.
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Spare Screw/Driver Kit

	ACTS08201	Spare driver kit with insert screws and wire brush for cleaning serrated jaws and inserts.
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Tubing Shear

	MMD00009	Used to cut plastic tubing only, up to 1.7" OD capacity.
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Part No.	Description
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Pyrometer Kit

	A218804	Accurately checks surface temperatures of heater.
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Mini-Mc Case

	MJQ00032	Our strong and durable carrying case will hold a Mini-Mc, heater, heater sling, facer, inserts, tubing shear, and other miscellaneous items.
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Mini-Mc Facer Insert Set - Set = 2 inserts

Facer insert sets must be selected for each pipe size. Compatible with either facer.		
CTS15017	1" IPS	1.32" OD
CTS15019	1" CTS	1.13" OD
CTS15020	¾" IPS/27mm	1.05" OD
CTS15021	¾" CTS	0.88" OD
CTS15022	½" IPS	0.84" OD
CTS15018	½" CTS	0.63" OD
CTS15030	34mm	1.34" OD
CTS15028	32mm	1.26" OD
CTS15026	25mm	0.98" OD
CTS15024	20mm	0.79" OD

Butt Fusion Insert Set - Set = 4 inserts, screws & wrench

Inserts are serrated for maximum grip and are made for one size pipe only. Inserts are required for pipe sizes less than 1" IPS or 32mm.		
CTS07101	1" CTS	1.13" OD
CTS07201	¾" IPS	1.05" OD
CTS07301	¾" CTS	0.88" OD
CTS07401	½" IPS	0.84" OD
CTS07501	½" CTS	0.63" OD
CTS09201	25mm	0.98" OD
CTS09301*	25mm	0.98" OD
CTS09101	20mm	0.79" OD
CTS13501*	20mm	0.79" OD

* For use with CTS08001