

Acrobat™ 180

2" IPS - 6" DIPS
(51mm - 152mm)

Acrobat™ 250

63mm - 250mm (2" - 10")

Acrobat™ 315

4" IPS - 10" DIPS
(114mm - 254mm)



ACROBAT™

COMPACT, LIGHTWEIGHT AND RELIABLE BUTT FUSION

The Acrobat™ is a versatile machine capable of butt fusing pipe and fittings with a variety of pressure ratings. With its small footprint and light weight, it can be carried from joint to joint yet has the same rugged durability and long-lasting performance expected of any McElroy butt fusion machine.



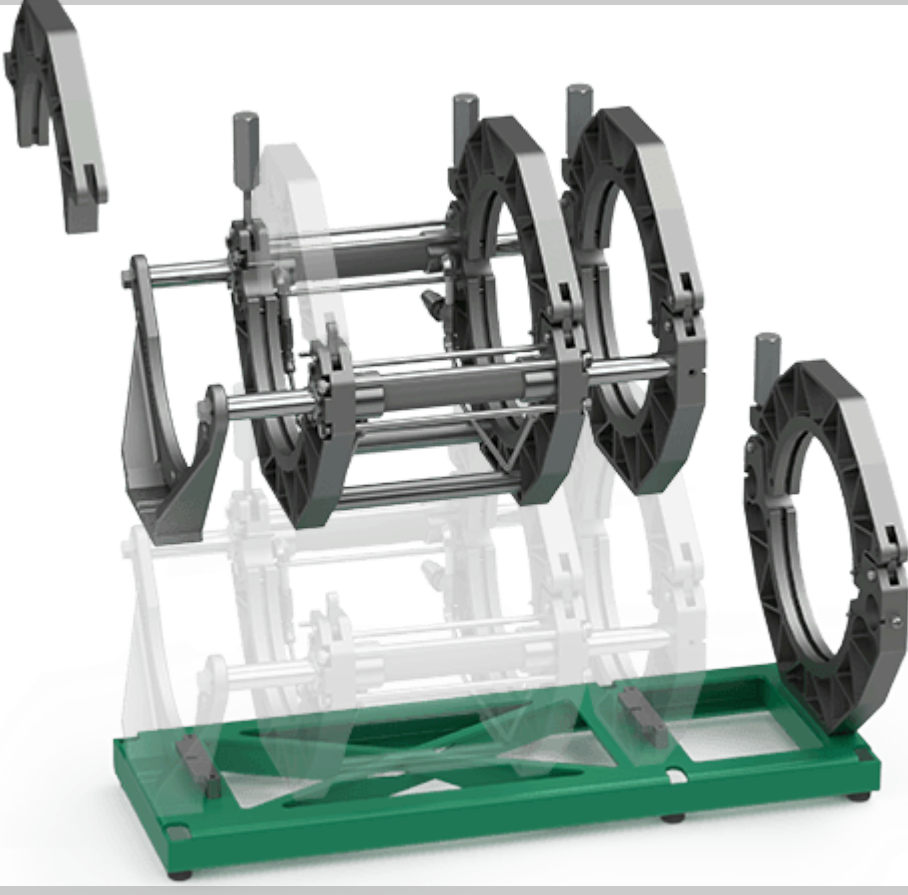
SMALL FOOTPRINT

VERSATILE FOR ANY JOBSITE SITUATION

The Acrobat was designed with a small footprint and optimal weight. The modular EP800AD HPU (Hydraulic Power Unit) consumes minimal power and is also lightweight, making it easy to move from joint-to-joint.

NO TOOLS REQUIRED

Acrobat carriages are thoughtfully designed to quickly adapt to meet jobsite demands. They can be configured from a 4-jaw to a 3-jaw machine by removing the base without the use of tools. In more confining spaces, the top jaws can be removed completely with the pull of a pin, for easier manipulation around pipe and fittings. A convenient insert design allows an operator to effortlessly change sizes to fit pipe dimensions with a snap. And the heater and facer can be loaded from either the top or bottom of the carriage (in the 3-jaw configuration) giving the operator better access and flexibility regardless of the joining challenge.



VERSATILE HYDRAULIC POWER

LIGHTWEIGHT & ROBUST POWER OPTIONS

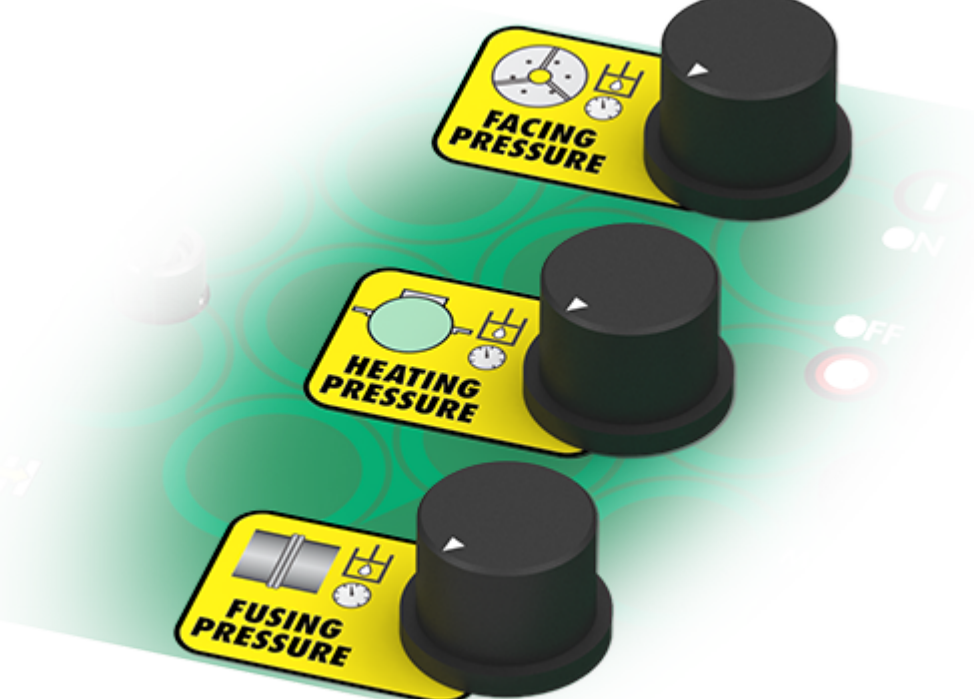
The Acrobat is compatible with two impressive hydraulic power units designed to meet the maximum system pressure desired on your jobsite. Choose either the lightweight EP800AD HPU that has a gauge pressure up to 800 PSI, or the more powerful EP1500AD HPU, that can reach pressures up to 1,500 PSI.

Both HPUs offer low power consumption. The EP800AD HPU's smart design also allows both the heater and facer to plug into the HPU, allowing the entire machine to draw power from only one receptacle.

PRESET PRESSURES

SMARTER DESIGN PRODUCES MORE EFFICIENT OPERATIONS

The intelligent design of both the EP800AD and EP1500AD HPUs allow the operator to preset the facing, heating and fusing pressures individually without having to make adjustments between operations — greatly streamlining the fusion process.



DATALOGGER® COMPATIBLE

RECORD & ANALYZE FUSION JOINT DATA

Acrobat machines are compatible with the McElroy DataLogger, a handheld computer that records and documents the key parameters of the fusion process. These joint records are used to verify that proper fusion procedures have been followed prior to installation, which is a growing jobsite requirement. Joint records from the DataLogger can be stored and analyzed in the Vault™, a secure server on the internet. This allows quick and easy sorting, tagging and sharing of joint records by machine, joint, operator, device or job.

[Learn More](#)

INDUSTRY-LEADING WARRANTY

GUARANTEED PERFORMANCE

McElroy equipment is built to withstand the tough environments our industry encounters. We're confident that your machine will perform to the best of its capabilities. We've even given each piece of equipment a 5-year warranty — the longest available in the industry.

[Learn More](#)



ADDITIONAL FEATURES

	Acrobat 180	Acrobat 250	Acrobat 315
Small footprint, lightweight	✓	✓	✓
Tool-less conversion from 4-jaw to 3-jaw carriage for tight work spaces	✓	✓	✓
Narrow jaws allow fusions for flanges to outlet branch of tees and most fittings	✓	✓	✓
Hard anodized aluminum wear surfaces for corrosion resistance	✓	✓	✓
DataLogger® compatible	✓	✓	✓
Single insert design	✓		
Removable upper jaws	✓	✓	✓
Ergonomic heater handlebar design		✓	✓
Lightweight heater and guide rod latching system eliminates the need to hold the heater in place during overhead fusions		✓	✓
Low-power consumption	✓	✓	✓
Open-frame HPU design offers easy access for maintenance	✓	✓	✓
Low- or high-force cylinders available for versatility		✓	✓
Compatible with EP800AD and EP1500AD HPUs to meet maximum system pressure desired		✓	✓
Facer with inline motor and gear reduction for lightweight, compact assembly; squeeze trigger makes locking and unlocking from the carriage easier			✓

McElroy

Find the right Acrobat™ package for your jobsite

GET STARTED

Acrobat™ 180

2" IPS - 6" DIPS (51mm - 152mm)

Flexible To Meet The Demands Of Any Jobsite

Learn more about Acrobat™ 180

Acrobat™ 250

63mm - 250mm (2" - 10")

Flexible To Meet The Demands Of Any Jobsite

Learn more about Acrobat™ 250

Acrobat™ 315

4" IPS - 10" DIPS (114mm - 254mm)

Flexible To Meet The Demands Of Any Jobsite

Learn more about Acrobat™ 315

MODELS

Select a machine below for more detailed specifications and model-specific features.



ACROBAT™ 180

2" IPS - 6" DIPS (51mm - 180mm)

Flexible To Meet The Demands Of Any Jobsite

[Learn more about Acrobat™ 180](#)



ACROBAT™ 250

63mm - 250mm (2" - 10")

Flexible To Meet The Demands Of Any Jobsite

[Learn more about Acrobat™ 250](#)



ACROBAT™ 315

4" IPS - 10" DIPS (114mm - 282mm)

Flexible To Meet The Demands Of Any Jobsite

[Learn more about Acrobat™ 315](#)

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McElroy's industry-leading fusion equipment can be purchased from distributors around the globe. Find one close to you.

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