



## **DynaMc™ Hand Pump Fusion Machines For 2” IPS to 12” DIPS (63 mm to 340 mm)**

### **1. Product Description**

McElroy’s line of DynaMc™ Hand Pump (HP) fusion machines will butt fuse pipe sizes from 2” IPS to 12” DIPS (63 mm to 340 mm). The HP models are designed for jobsites where only a few joints are required or where a sturdy, in-ditch fusion machine is needed. Each DynaMc HP model, whether it is the 28, 250 or 412, is available in a two- or four-jaw configuration. Each unit also comes with an easy-lift cradle that can be removed for tight working environments.



**DynaMc 28 HP**  
2” IPS to 8” DIPS  
(63 mm – 225 mm)



**DynaMc 250 HP**  
63 mm – 250 mm  
(2” IPS to 8” DIPS)



**DynaMc 412 HP**  
4” IPS to 12” DIPS  
(110 mm – 340 mm)

The small dynamos feature a double-action hand pump and high-velocity cylinders that create fast carriage speeds for opens and closes during the fusion process. On the four-jaw models of the HP, the unique third jaw allows for work in close proximity to ells and tees without the removal of the outer jaw, creating more versatility for the user.

While the DynaMc Hand Pump models are compact, popular McElroy features are still incorporated in the design, including ISO-compliant Teflon-coated heater plates, a powerful electric facer, DataLogger® compatibility, and the patented Centerline Guidance System.

### **2. Target Market and Positioning Strategy**

The DynaMc HP fusion machines are targeted to contractors, municipalities, etc. that use fusible pipe in a range of 2” IPS to 12” DIPS (63 mm – 340 mm). A more distinct audience for these products could be contractors that only have a few joints to make or are consistently performing in-ditch fusion in tight locations.

The DynaMc HP line also offers a variety of options. The 28, 250, and 412 models are all available in four-jaw configurations, as well as a lighter and even more compact two-jaw version. The DynaMc HPs also represent a great model for businesses just getting into the pipe fusion business or for businesses that fuse pipe on an infrequent basis.

### 3. Product Details

#### a. Configurations

The McElroy DynaMc HPs are shipped from the factory in these possible configurations:

- DynaMc 28 HP 2-Jaw
- DynaMc 28 HP 4-Jaw

For 28 HP machines, visit the McElroy website at:

[http://www.mcelroy.com/fusion/no28/opt\\_dynamc.htm](http://www.mcelroy.com/fusion/no28/opt_dynamc.htm)

- DynaMc 250 HP 2-Jaw
- DynaMc 250 HP 4-Jaw

For 250 HP machines, visit the McElroy website at:

[http://www.mcelroy.com/fusion/250/opt\\_dynamc2.htm](http://www.mcelroy.com/fusion/250/opt_dynamc2.htm)

- DynaMc 412 HP 2-Jaw
- DynaMc 412 HP 4-Jaw

For 412 HP machines, visit the McElroy website at:

[http://www.mcelroy.com/fusion/no412/opt\\_dynamc2.htm](http://www.mcelroy.com/fusion/no412/opt_dynamc2.htm)

#### b. Features and Benefits

##### DynaMc Hand Pump

- Double-action hand pump and high-velocity cylinders create fast carriage speed for fast opens and closes during fusion process
- On four-jaw units, the full-length guide rod and unique moveable third jaw allow work in close proximity to ells and tees without the removal of the outer jaw
- Patented Centerline Guidance System
- Serrated jaws and inserts to keep pipe from slipping during fusion process
- 1,500 psi pressure capability
- ISO-compliant industrial Teflon-coated heater plates
- Powerful electric facer that can be loaded from either side
- DataLogger® compatible
- Detachable easy-lift cradle for improved maneuverability to and from worksite.

#### c. Specifications

The latest and most complete specifications for each configuration of the DynaMc Hand Pump machines can be found on the McElroy web site at the following URLs:

**DynaMc 28 HP:** [http://www.mcelroy.com/fusion/no28/spec\\_dynamc.htm](http://www.mcelroy.com/fusion/no28/spec_dynamc.htm)

**DynaMc 250 HP:** [http://www.mcelroy.com/fusion/250/spec\\_dynamc2.htm](http://www.mcelroy.com/fusion/250/spec_dynamc2.htm)

**DynaMc 412 HP:** [http://www.mcelroy.com/fusion/no412/spec\\_dynamc2.htm](http://www.mcelroy.com/fusion/no412/spec_dynamc2.htm)

#### d. Pricing

The most current list prices for the McElroy DynaMc HPs are available on the McElroy Distributor website:

- **DynaMc 28 HP**  
[http://www.mcelroy.com/fusion/no28/parts\\_dynamic.htm](http://www.mcelroy.com/fusion/no28/parts_dynamic.htm)
- **DynaMc 250 HP**  
[http://www.mcelroy.com/fusion/250/parts\\_dynamic2.htm](http://www.mcelroy.com/fusion/250/parts_dynamic2.htm)
- **DynaMc 412 HP**  
[http://www.mcelroy.com/fusion/no412/parts\\_dynamic2.htm](http://www.mcelroy.com/fusion/no412/parts_dynamic2.htm)

Normal distributor discounts apply.

#### 4. Collateral Material Availability

##### a. Product Manual

The DynaMc HPs user's manuals have not been prepared yet. They will be available at a later date.

##### b. Catalog Placement

The McElroy DynaMc HPs are a new product and have not been featured in a McElroy catalog. For more information, visit McElroy's website at the following URLs:

**DynaMc 28 HP:** [http://www.mcelroy.com/fusion/no28/spec\\_dynamic.htm](http://www.mcelroy.com/fusion/no28/spec_dynamic.htm)

**DynaMc 250 HP:** [http://www.mcelroy.com/fusion/250/spec\\_dynamic2.htm](http://www.mcelroy.com/fusion/250/spec_dynamic2.htm)

**DynaMc 412 HP:** [http://www.mcelroy.com/fusion/no412/spec\\_dynamic2.htm](http://www.mcelroy.com/fusion/no412/spec_dynamic2.htm)

##### c. Photography and Video

Images suitable for websites, PowerPoint presentations, email newsletters, print publications etc. are available at:

**McElroy 28 Machines:** <http://www.mcelroy.com/fusion/no28/images.htm>

**McElroy 250 Machines:** <http://www.mcelroy.com/fusion/250/images.htm>

**McElroy 412 Machines:** <http://www.mcelroy.com/fusion/no412/images.htm>

##### d. Drawings, part numbers, and additional information

McElroy's Parts Finder has also been updated to include complete drawings and parts ordering for the DynaMc HPs at the following URLs:

**DynaMc 28 HP:** [http://www.mcelroy.com/fusion/no28/parts\\_dynamic.htm](http://www.mcelroy.com/fusion/no28/parts_dynamic.htm)

**DynaMc 250 HP:** [http://www.mcelroy.com/fusion/250/parts\\_dynamic2.htm](http://www.mcelroy.com/fusion/250/parts_dynamic2.htm)

**DynaMc 412 HP:** [http://www.mcelroy.com/fusion/no412/parts\\_dynamic2.htm](http://www.mcelroy.com/fusion/no412/parts_dynamic2.htm)

#### 5. Advertising and Promotions

##### a. Articles / Newsletters

The DynaMc HPs have not been featured in any articles at this time. Future articles are planned as the DynaMc HPs enter the marketplace.

##### b. Press Releases

The DynaMc HPs have been featured in a press release issued by McElroy in May 2009. This press release can be found on the McElroy website at:

<http://www.mcelroy.com/fusion/pressreleases/mcelroyintroducesdynamchps.htm>

#### 6. Training and Continuing Education

Through McElroy University, McElroy distributors and their customers can receive hands-on training on different aspects of the DynaMc HPs. Relevant classes include:

- **201 - Mid-Range Fusion Operations** – The focus of this class is to develop and refine fusion skills on McElroy fusion machines. This class will teach the proper fusion techniques as set by ASTM standard F2620 and PPI technical report TR-33 and TR-41. In addition to the training, students will also participate in a qualification testing session
- **203 – Mid-Range Troubleshooting & Rebuild** – The focus of this session is on maintenance and overhaul of McElroy mid-range fusion machines. Students will build and troubleshoot a fusion machine.

For more information, a complete schedule, or to enroll in any McElroy University class, visit [www.mcelroy.com/fusion/training](http://www.mcelroy.com/fusion/training).