



## IN THE GROUND, IN THE BUILDING, IN THE DESERT...

### MCELROY MAKES FORT HUACHUCA A BETTER PLACE

McElroy machines take us to some pretty unique locales. Our polypropylene sales and technical support team traveled recently to Fort Huachuca, home to a U.S. Army military intelligence training center in Sierra Vista, Ariz., just 15 miles north of the Mexico border.

The southwest desert post had nearly six miles (!) of Aquatherm polypropylene pipe — from 2" all the way up to 14" for the main line — installed underground to supply chilled and hot water to buildings throughout the base. Water is a precious resource in the arid climate. Replacing the Fort's aged-out system with a leak-free polypropylene piping system now offers the base a permanent solution for years to come.

"The post wanted a product that would last forever. Aquatherm was obviously the right choice," said Scott Harvey of Harvey Plumbing, the sub-contractor on the project.

McElroy provided on-site technical support and fusion training and assisted with jobsite setup on the active base with limited space and many sidewalks, buildings, landscaping and open trenches to work around. Also providing technical support were Wolseley Ferguson, which rented the equipment, and Aquatherm.

McElroy equipment included a TracStar<sup>®</sup> 618, a Rolling 412, an Acrobat<sup>™</sup> 160, two PolyHorse<sup>®</sup> pipe handling systems and multiple pipe stands. The crew would stock a day's worth of pipe on the PolyHorses which fed into the fusion machines. This allowed for



continuous fusion operations. As a joint was being fused on one machine, another joint was cooling on another machine and then fed down the trench, and vice versa. Harvey said this process along with the ease of use of the machines helped get the job done in time. They started the project in October 2015 and were able to finish up in May this year.

The DataLogger<sup>®</sup> 5 met the base's requirement for a good record-keeping system of fused joints. It also confirmed if the joint was fused properly before the pipe was buried which eliminates costly repairs for leaks down the line.



"We thought it was worth the investment. We needed to do it once and do it right," Harvey said. "There was not a single leak on a single joint."

Having worked almost exclusively with copper and steel in the past, Harvey Plumbing is a relative newcomer to polypropylene, but they are embracing it with open arms as it becomes a rust-free option specified on more and more jobsites. He said he found it easier to work with compared to other products and was impressed with the speed that joints can be fused. Many of his crew became certified to operate McElroy fusion machines. Also, since fused pipe becomes one homogenous piece, they didn't have to deal with joint restraints or thrust blocks.

"We're sold," Harvey said. "When we started talking about polypropylene five years ago, the engineers were not receptive to it. But it seems more and more governments are receptive to it and the engineers are more comfortable with it. We think we will continue to see it more often."

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# WE HAVE ANSWERS! ...TO YOUR WEBSITE FAQs



We hope you are becoming more familiar with our new website. With such a massive redesign, we want you to be able to get the most out of the new site. We will continue to provide tips for navigating and taking advantage of the other useful features. We want to make sure you are finding everything you need!

Please reach out to us at [marketing@mcelroy.com](mailto:marketing@mcelroy.com) for more information if you have more questions. We are happy to help.

## **Q** HOW DO I FIND INSERTS?

**A** There are several ways to find inserts and they can all be found on each machine's individual product page. Think of the product pages as a one-stop shop for everything related to that machine from manuals to videos. The product pages can be found under the "Underground/Construction" and "Mechanical/HVAC/Plumbing" menus.

Let's say you're interested in finding inserts for a Rolling 28 machine for polyethylene pipe. Click on Underground/Construction and hover over "Rolling," then drop your cursor and click on "Rolling 28" under "Explore Product Pages." From there, you can find inserts in the following places:

1. Under "Models" click on "Customize Package." This will take you to a menu that includes standard and mitered inserts for the particular machine force.
2. Below "Specifications," there is a large icon to "Find Inserts."
3. Under "Parts & Accessories," you will see the "Butt Fusion & Mitered Insert Sets." Click on the green "Find Inserts" button below it.



### *HOW DO I FIND PHOTOS AND VIDEOS?*



Go to the product page (as explained above) for the particular machine of interest. Scroll to the section of these pages. Here you will find various machine photos and videos to view or download. With images you even have an option to select a web-ready resolution, or the high-resolution version if you intend to use it for print.

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# INTRODUCING THE ACROBAT™ 250

63MM TO 250MM (2" TO 10") POLYPROPYLENE PIPE



McElroy has released the Acrobat™ 250 — a compact machine for polypropylene pipe designed to maneuver easily in tight indoor work spaces. The 4-jaw carriage can be configured to 3 jaws without tools which further reduces its footprint. Whether working in the wall, the ceiling or the floor, the Acrobat 250 is the ideal tool to tackle the job.

The Acrobat 250 was designed with ease of use in mind. A lightweight heater and guide rod latching system eliminates having to hold the heater in place manually during overhead fusions. An ergonomic handlebar design makes it easy to use in different orientations, including overhead. The HPU (Hydraulic Power Unit) consumes minimum power and is lightweight, making it easier to move between jobsites.

## FEATURES

- Compact & lightweight for easy maneuvering in tight spaces
- Configures from 4 to 3 jaws without tools
- Single-insert design
- Removable upper jaws
- DataLogger® compatible
- Open-frame HPU design offers easy access for maintenance



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## NEW VIDEOS



### TRACSTAR<sup>®</sup> 1200

See McElroy's largest TracStar fusion machine, for 16" OD to 48" OD (450mm to 1200mm pipe). Tier 4 engine, advanced blade design, DataLogger<sup>®</sup> compatibility and more!





## MEGAMC<sup>®</sup> 1648 SERIES 2

McElroy has released the new MegaMc 1648 Series 2 fusion machine. It features the same carriage as its tracked counterpart with many improvements including a removable 3- or 4-jaw fusion carriage for in-ditch work. Take a look at its features and benefits in this new video.



# COME SEE US THIS FALL AT MINEXPO



McElroy will be exhibiting in the upcoming MINExpo tradeshow in Las Vegas. Get an up-close look at our fusion machines and see live butt fusion demonstrations. We'll be showing off the DataLogger<sup>®</sup>, new TracStar<sup>®</sup> 1200 and more!

[See More Upcoming Events](#)

## WE'RE PACKED AND READY!

### LET US KNOW ABOUT UPCOMING JOBSITES!

Contact us at [marketing@mcelroy.com](mailto:marketing@mcelroy.com) or 918-831-9286. Let McElroy's marketing department know about your upcoming job, and you could be featured in this newsletter!



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