

# Piranha® Hose Products PHP110 Swage Machine

UEMSI/HTV is pleased to offer Piranha Hose Product®'s all-new PHP110 Swage Machine. Piranha®, a leader in providing high pressure sewer hose, has developed the PHP110 machine to repair 1/8" through 1 1/4" hose using Piranha manufactured dies and pusher plates.

The PHP110 does not use a conventional, fabricated and welded frame. Instead, the heart for the PHP110 machine is a 12-ton replaceable hydraulic jack, which is mounted to a 1" thick steel platform base. Two 7/8" diameter truss rods extend from the base and serve as the spine of the PHP110, each offering 69,000 lbs. tensile strength to the machine's movable components.

The PHP110 was designed to be fully field serviceable, with each component being offered as a replacement part; keeping the user's investment operating for many years, with down time at a minimum.

The PHP110 platform base has predrilled mounting holes so the versatile PHP110 can be mounted via 1/2" bolts to the top of a work bench or the deck of a sewer cleaning machine.

If the user prefers to keep the machine mobile between jobs or vehicles, the PHP110 platform base is predrilled and tapped to attach the standard-supplied wheel kit, offering an 8" wide stance for stability while pushing or pulling the machine around a shop or out in the field.

The PHP110 also offers a kickstand stabilizer tube. This tube helps keep the machine stable and upright while jacking the pump during use.

The PHP110 swage machine comes standard with:

- 1/2" Allen wrench to tighten or loosen die plates
- 1/4" Allen wrench to install wheel kit and knurled handle
- PHP110 swage machine manual
- Hose cutter tool
- Die lubrication oil
- Die lubrication brush

Each Piranha Hose Product PHP110 Sewer Hose Swaging Machine is serial numbered for product identification and integrity, proving that the PHP110 you have been supplied is backed by the proven and trusted track record of Piranha Hose Products, A Kuriyama Group Company.

Each PHP110, as well as manufactured dies and pusher plates, are made exclusively by Piranha Hose Products in Cadillac, Michigan.

**UEMSI/HTV Part Number: PHP110**



## **UEMSI/HTV**

**PIPELINE HOSE & INSPECTION EQUIPMENT**

N57 W13330 Reichert Avenue

Menomonee Falls, Wisconsin 53051

Corporate Office: 877.389.9999 / 262.257.9999 Fax: 262.649.2205

Website: [www.uemsihtv.com](http://www.uemsihtv.com) / E-mail: [info@uemsihtv.com](mailto:info@uemsihtv.com)

# Piranha® Mending Equipment



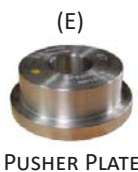
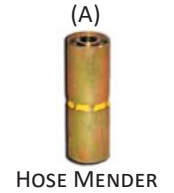
To be used on the Piranha® PHP110 Hydraulic Swage Machine.

## CAUTION

### SEWER HOSE AND REPAIR FITTINGS

All sewer hose and repair fitting tools are manufactured to National Solid Waste Management Association standards. To protect against personal death or injury, inspect and repair the sewer hose per NSWMA standards. Made in the USA.

UEMSI/HTV PART NUMBER	Description	SIZE	PHOTO
SWAGE-HAND	Portable Hand Swage Machine	1/2" to 1" Hose	---
PHP110	Piranha Swage Machine	1/8" - 1 1/4" Hose	F
DS08	Die Set (3000 & 4000 PSI)	1/2"	D
DPT08	Pusher Plate (3000 - 5000 PSI)	1/2"	E
DS085	Die Set (5000 PSI)	1/2"	D
DSHP08*	Die Set (SHP-8 4000 PSI)	1/2"	---
DPT08*	Pusher Plate (SHP-8 4000 PSI)	1/2"	---
DS12TH	Die Set (2500 PSI)	3/4"	D
DP12TH	Pusher Plate 2500 & 3000 PSI	3/4"	E
DS16TH	Die Set (2500 PSI)	1"	D
DP16TH	Pusher Plate (2500 & 3000 PSI)	1"	E
DPT16FS	Female Pusher	1"	---
DS20TH	Die Set	1 1/4"	E
DP20TH	Pusher Plate	1 1/4"	D
UEM5050FS	Female Swivel Adapter (FxF)	1/2"	C
UE1050HM	Piranha Hose Mender for (SHP-8 4000 PSI)	1/2"	A
UEMPH5500-Male	Male Hose End (3000 - 5000 PSI)	1/2"	B
UEMPH5500-Mend	Hose Mender (3000 & 4000 PSI)	1/2"	A
UE1050ME	Male Hose End (SHP-8 4000 PSI)	1/2"	B
UEM7575FS	Female Swivel Adapter (FxF)	3/4"	C
UE1121	Male Hose End	3/4"	B
UE1122	Hose Mender	3/4"	A
UE1161	Male Hose End	1"	B
UE1161-FS	Female Swage Fitting	1"	---
UE1162	Hose Mender	1"	A
UEM1010FS	Female Swivel Adapter (FxF)	1"	C
UE1225-HM	Hose Mender	1 1/4"	A
UE1225-ME	Male Hose End	1 1/4"	B
UE125125FS	Female Swivel Adapter (FxF)	1/4"	C



\***DSHP08** - THIS DIE SET IS THE "TAPERED" VERSION, IF IT IS TO BE USED ON A UEMSI HYDRAULIC SWAGE MACHINE, IT MUST BE SOLD WITH HOLDER, PART NUMBER UE1162-H. THIS IS IN THE CASE OF THE CUSTOMER WANTING TO PUT MALE ENDS ON THEIR HOSE ONLY.

\***DPT08** - THIS PUSHER PLATE IS THE "TAPERED" VERSION, IF IT IS GOING TO BE USED ON A UEMSI HYDRAULIC SWAGE MACHINE, IT MUST BE SOLD WITH THE HOLDER, PART NUMBER UE1162-H. THIS IS IN THE CASE OF THE CUSTOMER WANTING TO PUT MALE ENDS ON THEIR HOSE ONLY.

**ALL FITTINGS LISTED ON THIS PAGE ARE TO BE USED ON HOSE WITH A YELLOW INTERIOR COLOR ONLY.**

United Environmental Manufacturing Supply, Inc. / Hose and Televising (UEMSI/HTV) manufactures and distributes products to inspect and maintain pipeline and sewer collection systems. These products if improperly used or not used for their intended purpose or used by untrained persons may cause injury or death. Caution is urged to avoid utilizing these products until you have read the product literature including directions on safe operation. United Environmental Manufacturing Supply, Inc. / Hose and Televising disclaims any liability due to improper use.

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