



## Piranha Swage Equipment & Fittings For Sewer & Lateral Hose Repairs

**Portable Swage Equipment** for repairs of Piranha Sewer and Lateral Line Hoses. Ideal for use in shops or for field repairs as needed. Hand operated, vertical hydraulic models or horizontal wrench and bolt style. Pushers and dies sets for specific hose types are required and are shown separately. Many fitting options are shown for specific hose models and sizes on the following page. *Made in USA.*



### Model LLTH Mini-Swage Machine

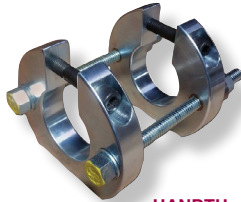
**LLTH Mini-Swage Machine** is a vertical, hand-operated machine for hoses from 1/8" through 1/2" I.D. Designed for bench mount. Includes hand operated bottle jack. Dies and pushers, (*male or female*) are required for **end fitting** repairs and must be ordered separately. Two dies are required for **inline mender** repairs.



Part No.	Description	Wt.
TF LLTH	Mini Swage Machine	31 lbs.

### Swage Machines

**HYDTH Portable Vertical Swage Machine** is a hand operated machine for hoses from 3/8" through 1-1/4" I.D. Portable cart is standard. Includes hand operated bottle jack. Die and pusher (*male or female*) are required for **end fitting** repairs. Two die sets are required for **inline mender** repairs.



**HANDTH**  
Horizontal Swaging  
Machine

**HYDTH**  
Portable  
Vertical  
Swaging  
Machine

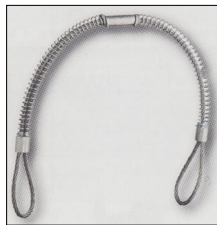


**HANDTH Horizontal Swage Machine** is designed for hoses from 3/8" through 1-1/4" I.D. Crimps are made by tightening side bolts with wrenches. Die and pusher, (*male or female*) are required for **end fitting** repairs. Two die sets are required for **inline mender** repairs.

Part No.	Description	Wt.
TF HYDTH	Vertical Swage Machine	86 lbs.
TF HANDTH	Horizontal Swage Machine	15 lbs.

### WhipCheck Safety Cables

**Corrosion-Resistant WhipChecks** are high strength, steel cable assemblies to protect against dangerous uncoupling or hose failure situations. Helps to reduce injury or property damage from whipping hoses. Designed to divert strain from hose or tools to the whipcheck. Commonly used for air, water blast, steam, concrete, sandblast and other high pressure hose applications. Very easy to install, no tools required. Two styles are available.



**Hose to Hose** checks have spring-loaded loops on each end that can easily slide over hose ends for a secure fit.

**Hose x Tool** checks have a spring-loaded loop on one end and the other end is a fixed loop that is attached to vehicle or tool.

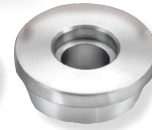
Part No.	Type	Size	For Hose O.D.
AR WH3	Hose x Hose	1/8" x 20"	1/2" to 1-1/4"
AR WT3	Hose x Tool	1/8" x 20"	1/2" to 1-1/4"
AR WT5	Hose x Tool	3/16" x 28"	1/2" to 2"
AR WT6	Hose x Tool	1/4" x 38"	1/2" to 3"
AR WH10	Hose x Hose	3/8" x 44"	4"



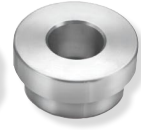
### Pushers for Swage Machines



**MALE**



**FEMALE**



#### Male Solid Pushers, Mini Swage Machine. For Solid Male Crimp Fittings

Part No.	Hose I.D.	Hose Series
TF PHP50-02M	1/8"	LLGR, SLGR-02 .....
TF PHP50-04M	1/4"	LLGR, SLGR, LLRD, SLRD-04 .....
TF PHP50-06M	3/8"	LLGR, SLGR, LLRD, SLRD-06 .....
TF PHP50-08M	1/2"	LAGR, LHBK, SLLHBK, LLBU, SLBU, LLGR, SLGR, LLRD, SLRD, SHBK, SLSHBK-08 .....

#### Male Swivel Pushers, Mini Swage Machine. For Swivel Male Crimp Fittings

Part No.	Hose I.D.	Hose Series
TF	1/8"	Not Available .....
TF PHP50-04MS	1/4"	LLGR, SLG, LLRD, SLRD-04 .....
TF PHP50-06MS	3/8"	LLGR, SLGR, LLRD, SLRD-06 .....
TF PHP50-08MS	1/2"	LAGR, LHBK, SLLHBK, LLBU, SLBU, LLGR, SLGR, LLRD, SLRD, SHBK, SLSHBK-08 .....

#### Female Swivel Pushers, Mini Swage Machine. For Female Crimp Fittings

Part No.	Hose I.D.	Hose Series
TF	1/8"	Not Available .....
TF PHP50-04FS	1/4"	LLGR, SLG, LLRD, SLRD-04 .....
TF PHP50-06FS	3/8"	LLGR, SLGR, LLRD, SLRD-06 .....
TF PHP50-08FS	1/2"	LAGR, LHBK, SLLHBK, LLBU, SLBU, LLGR, SLGR, LLRD, SLRD, SHBK, SLSHBK-08 .....

#### Male Pushers, HYDTH or HANDTH Swagers, Solid or Swivel Fittings

Part No.	Hose I.D.	Hose Series
TF DP06TH	3/8" Solid	LLGR, SLGR-06 .....
TF DP06MSTH	3/8" Swivel	LLGR, SLGR-06 .....
TF DP08TH	1/2" Solid	LAGR, LHBK, LLBU, LLGR .....
TF DP08MSTH	1/2" Swivel	LLRD, SHBK, SLBU, SLGR, SLLHBK, SLRD, SLSHBK-08 .....
TF DP12TH	3/4"	HABU, HPBU, SAOR, SLHPBU, SLSPOR, SPOR-12 .....
TF DP16TH	1"	HABU, HPBU, SAOR, SLHPBU, SLSPOR, SPOR-16 .....
TF DP20TH	1-1/4"	SAOR, SLSPOR, SPOR .....

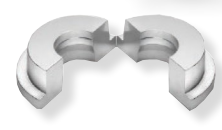
#### Female Pushers, HYDTH or HANDTH Swagers, Solid or Swivel Fittings

Part No.	Hose I.D.	Hose Series
TF DP08FSTH	1/2"	LAGR, LHBK, LLBU, LLGR, SHBK, SLBU, SLGR, SLLHBK, SLSHBK-08 .....
TF DP12FSTH	3/4"	HABU, HPBU, SAOR, SLHPBU, SLSPOR, SPOR-12 .....
TF DP16FSTH	1"	HABU, HPBU, SAOR, SLHPBU, SLSPOR, SPOR-16 .....

### Crimp Dies for All Machines



**DS Series**  
Dies



Part No.	Hose I.D.	Hose Series
TF DS02TH	1/8"	LLGR, SLGR-02 .....
TF DS04TH	1/4"	LLGR, SLGR, LLRD, SLRD-04 .....
TF DS06TH	3/8"	SLGR, LLGR-06 .....
TF DS08TH	1/2"	LHBK, LLBU, LLGR, LLRD, SHBK, SSLBU, SLGR, SLLHBK, SLRD-08 .....
TF DSAR12TH	3/4"	HABU-12, SAOR-12 .....
TF DS12TH	3/4"	HPBU, SLHPBU, SLSPOR, SPOR-12 .....
TF DS16TH	1"	HPBU, SLHPBU-16, SLSPOR, SPOR-16 .....
TF DS20TH	1-1/4"	SLSPOR, SPOR-20 .....