

PRODUCT SPECIFICATIONS

Hydra-Stopper Single Line-Stopping System — Hydraulic Drive Motor

Scope:

This specification covers the furnishing, complete of one (1) new Single Line Stopping System with hydraulic drive motor.

Equipment Capability:

The equipment shall be capable of installing, without shutdown, a single line-stop in the range of four-inch (4) diameter through twelve-inch (12) diameter. Method of pipe entry shall be made using a carbide-tipped cutter and a pilot drill with retaining wire to retain the coupon. Reaming or milling of the pipe shall not be acceptable. This equipment shall be rated for line pressures up to 100 psi and have the following capabilities:

- Expansion to a double set of line stopping equipment
- Expansion to be rated to line pressures up to 150 psi or 250 psi
- Expansion to 3"–12" with optional adapter kits
- Expansion to valve insertion 4"–12" with additional adapter kit

The capabilities specified herein are minimum mandatory requirements that must be met by any equipment offered. Equipment shall be manufactured by Hydra-Stop LLC. No substitutions will be allowed.

4"–12" Single Line Stopping Equipment:

Manufacturer Part# 3-LD4120THS-412

Tapping (Drilling) Equipment:

| <u>Quantity</u> | <u>Description</u> |
|-----------------|---|
| 1 each | Tapping (Drilling) Machine: 4"–12" |
| 1 each | Drive Motor: Hydraulic |
| 1 each | Housing: 4"–8" and 10"–12" (2 total) |
| 1 each | Shell Cutter: Carbide tooth in 4", 6", 8", 10", and 12" (5 total) |
| 1 each | Pilot Drill: 4"–6", 8", and 10"–12" (3 total) |
| 1 each | Saw Mandrel: 4"–8" and 10"–12" (2 total) |

NOTE: Side tapping expansion kit is required for branch connections.

Line Stopping Equipment:

| <u>Quantity</u> | <u>Description</u> |
|-----------------|---|
| 1 each | Line Stopper Pump and Ram Assembly |
| 1 each | Housing / Stopping: 4"–8" and 10"–12" (2 total) |
| 1 each | Temporary Valve: 4"–8" and 10"–12" (2 total) |
| 1 each | Plug Inserters: 4", 6"–12" (2 total) |
| 1 each | Stopper Rubbers: 4", 6", 8", 10", and 12" (5 total) |

Accessories:

| <u>Quantity</u> | <u>Description</u> |
|-----------------|--|
| 1 each | Necessary gaskets, wrenches, and FDA-approved lubricants to operate tapping and stopping systems equipment |
| 1 each | Wooden Storage Containers: 4"–8" and 10"–12" |



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Equipment:

The size and weights of each (4"–12") Line-Stop Tapping Machine or Line-Stopper Unit shall be such that two (2) workmen can assemble the machinery and manually transport it over a reasonably level construction site without the use of hoisting equipment. Once lowered into an excavation, two (2) workmen can mount the machinery onto the line-stop fitting without further hoisting assistance. All requirements expressed as mandatory in this paragraph and all requirements defined as mandatory in all of the subparagraphs of this section, i.e., as requirements that "shall" be met, are minimum mandatory requirements that must be met by any equipment offered.

Delivery:

Delivery is required within 30 days after receipt of the purchase order. Failure to meet this delivery date may be deemed as non-responsive. Freight allowed.

Warranty:

The manufacturer shall supply a one-year warranty on defective materials. Cutters, pilot drills and stopper rubbers shall be excluded from this warranty.

Training:

A qualified representative of the manufacturer shall provide sixteen (16) hours of demonstration and training in the use of the equipment specified. All cost for this training will be included in the prices bid for the equipment.

