

# The Straight Answer For Small I.D. Tubes

THE PSM-500 IS PERFECT FOR CLEANING SMALL, STRAIGHT TUBES QUICKLY.

## PSM-500 – Easy Handling

Small, straight tubes can often be the source of some not so straight forward problems. Tubes measuring 1” I.D. and smaller can easily trap debris or become clogged from just a minor build-up of deposits. Fortunately, the PSM-500 Tube Cleaning Drill was designed to clear virtually any straight, small ID tube you’re likely to encounter. An in-line water flush makes easy work of removing a wide range of debris, from solid clogs to soft deposits. After just one cleaning with the PSM-500, you’ll be amazed at how easy it is to maintain an optimal tube condition in all your straight, small tubes.

### FEATURES

- > Compact, rugged construction
- > Independent air motor and water flow controls to reduce water consumption
- > Push button trigger to reduce fatigue



GTC-705-4

### PSM-500

Tube Cleaning Drill including air drive unit, 15’ air hose, 15’ water hose, and 3/16” or 1/4” starter drill

**Note:** See pages 32-33 for hollow drill and accessories.

### Recommended:

For better air regulation and quality, plus longer motor life, we recommend the combination air lubricator, filter and regulator unit.

### GTC-705-4

Combination Air Lubricator, Filter and Regulator (see page 24)



### Optional:

#### 3012-500

Carrying Case, with room for up to eight 4’ long hollow drills



Specifications	PSM-500
Motor Power	Up to 0.7 HP depending on air pressure and volume
Air Requirements	Minimum 50 PSI at 10.6 CFM, Maximum 90 PSI at 19 CFM
Drill Speed	950 rpm (free speed)
Water Requirements	Minimum 30 PSI at 2 GPM, Maximum 100 PSI at 2 GPM
Hoses	15’ air hose and 15’ water hose
Dimensions	11 1/4” long
Weight	5 1/2 lbs net dry
Optional Carrying Case	14” high x 53 1/2” wide x 4 3/4” deep

# Big Time Accessories For Little Tubes

BRUSHES AND BUFFERS TO SCRAPERS AND DRILLS, THESE ACCESSORIES WILL TACKLE ANY DEPOSIT.



BLUE NYLON BRUSH



BRASS BRUSH



STAINLESS STEEL BRUSH

**Note:** Blue Nylon, Brass and Stainless Steel Brushes should be equal to or  $\frac{1}{16}$ " smaller than tube I.D.



BUFFING TOOL



BUFFING TOOL WITH DRILL TIP



REPLACEMENT BLADES



TRIANGULAR SCRAPER TOOL



STARTER DRILL



HOLLOW DRILL

## Brushes and cleaning tools for PSM-500

### Blue Nylon Brushes:

Blue Nylon Brushes are recommended for removing soft deposits (mud, algae, etc.) in straight, ferrous and nonferrous tubes.

**GTC-211** Blue Nylon Brushes,  $\frac{1}{4}$ ",  $\frac{5}{16}$ ",  $\frac{3}{8}$ ",  $\frac{7}{16}$ ",  $\frac{1}{2}$ ",  $\frac{9}{16}$ ",  $\frac{5}{8}$ ",  $1\frac{1}{16}$ ",  $\frac{3}{4}$ ",  $1\frac{3}{16}$ ",  $\frac{7}{8}$ ",  $1\frac{5}{16}$ " or 1"

### Brass Brushes:

Brass Brushes are recommended for removing soft and light scale deposits in straight, ferrous and nonferrous tubes.

**GTC-200B** Brass Brushes,  $\frac{1}{4}$ ",  $\frac{5}{16}$ ",  $\frac{3}{8}$ ",  $\frac{7}{16}$ ",  $\frac{1}{2}$ ",  $\frac{9}{16}$ ",  $\frac{5}{8}$ ",  $1\frac{1}{16}$ ",  $\frac{3}{4}$ ",  $1\frac{3}{16}$ ",  $\frac{7}{8}$ ",  $1\frac{5}{16}$ " or 1"

### Stainless Steel Brushes:

Stainless Steel Brushes are recommended for removing soft and light scale deposits in straight, ferrous tubes.

**GTC-210** Stainless Steel Brushes,  $\frac{1}{4}$ ",  $\frac{5}{16}$ ",  $\frac{3}{8}$ ",  $\frac{7}{16}$ ",  $\frac{1}{2}$ ",  $\frac{9}{16}$ ",  $\frac{5}{8}$ ",  $1\frac{1}{16}$ ",  $\frac{3}{4}$ ",  $1\frac{3}{16}$ ",  $\frac{7}{8}$ ",  $1\frac{5}{16}$ " or 1"

### Buffing Tools:

Stainless Steel Wire Buffing Tools are used for removing light to medium scale deposits or for finishing tubes previously "roughed out" with other cleaning tools. They can be used in straight, ferrous and nonferrous tubes. Buffing tools can only be used in a clockwise (forward) direction and cannot be used in internally enhanced tubes.

**GTC-203P** Buffing Tool for tubes  $\frac{5}{16}$ " -  $\frac{1}{2}$ " I.D.

**GTC-203PDT** Same as GTC-203 with drill tip

**GTC-205** Buffing Tool for tubes  $\frac{1}{2}$ " -  $\frac{9}{16}$ " I.D.

**GTC-205DT** Same as GTC-205 with drill tip

**GTC-206** Buffing Tool for tubes  $\frac{5}{8}$ " - 1" I.D.

**GTC-206DT** Same as GTC-206 with drill tip

**GTC-207** Replacement Metal Blades for GTC-203P

**GTC-208A** Replacement Metal Blades for GTC-205

**GTC-208B** Replacement Metal Blades for GTC-206

### Triangular Scraper Tools:

Triangular Scraper Tools are used for removing heavy scale deposits in straight, ferrous tubes. They can only be used in a clockwise (forward) direction and cannot be used in internally enhanced tubes. They are adjustable to a  $\frac{1}{4}$ " range.

**TST-500** Triangular Scraper Tool for tubes  $\frac{1}{2}$ " -  $\frac{3}{4}$ " I.D.

**TST-750** Triangular Scraper Tool for tubes  $\frac{3}{4}$ " - 1" I.D.

### Starter Drills:

Starter Drills are used for making pilot holes in deposits of completely clogged tubes.

**GTC-975A** Starter Drill for tubes  $\frac{3}{16}$ " -  $\frac{1}{4}$ " I.D.

**GTC-975B** Starter Drill for tubes  $\frac{3}{8}$ " I.D. and up

### Hollow Drills:

Hollow Drills are used for cleaning severely or completely clogged tubes. (Effective length 33" for 3' drills and 45" for 4' drills.)

**GTC-960-3** Hollow Drill,  $\frac{3}{16}$ " x 3'

**GTC-961-3** Hollow Drill,  $\frac{1}{4}$ " x 3'

**Note:** Hollow Drills are available in diameters from  $\frac{1}{8}$ " -  $\frac{3}{4}$ " up to 6' long.



### Hollow Shafts:

Hollow Shafts adapt brushes, buffing tools, hollow carbide drills and twist drills to PSM-500.

**GTC-964-3** Hollow Shaft, 3' long with coupling for 1/4" brushes

**Note:** GTC-964 Hollow Shaft is available up to 6' long. To order, change suffix on GTC-964 to length specifications (in feet) and add \$5.00 per foot beyond 3' standard. [e.g. GTC-964-6 is a 6' Hollow Shaft at \$82.00 + \$15.00 = \$97.00.]

**GTC-965-3** Hollow Shaft, 3' long with coupling for 5/16" brushes, coupling for 3/8" brushes, and coupling for 7/16"-1" brushes and all buffing tools for 5/16"-1" I.D. tubes

**GTC-965-KIT** Hollow Shaft Kit for tubes 5/16"-1/2" I.D. including three 39" long hollow extension shafts with couplings to form a 10' shaft, a 12" short hollow extension shaft, coupling to connect shaft to PSM-500 and couplings to connect brushes, buffing tools, hollow carbide drills and twist drills to shaft

**GTC-989-KIT** Hollow Shaft Kit for tubes 9/16"-1" I.D. including three GTC-998 Hollow Extension Shafts with couplings to form a 10' long shaft, a 1' shaft, coupling to connect shaft to PSM-500, coupling to connect brushes, buffing tools, hollow carbide drills and twist drills to shaft, and assembly tools

**GTC-998** Hollow Extension Shaft, 39" long for GTC-989-KIT



HOLLOW SHAFT

### Hollow Drill Tips:

Hollow Drill Tips attach to Hollow Shafts and are used to clean severely or completely clogged tubes.

**GTC-RWB-031** Hollow Drill Tip, 5/16"

**GTC-RWB-056** Hollow Drill Tip, 9/16"

**GTC-RWB-037** Hollow Drill Tip, 3/8"

**GTC-RWB-062** Hollow Drill Tip, 5/8"

**GTC-RWB-042** Hollow Drill Tip, 7/16"

**GTC-RWB-075** Hollow Drill Tip, 3/4"

**GTC-RWB-050** Hollow Drill Tip, 1/2"

**GTC-RWB-100** Hollow Drill Tip, 1"



HOLLOW DRILL TIP

### Twist Drill Tips:

Twist Drill Tips attach to Hollow Shafts and are used to clean severely or completely clogged tubes.

**GTC-TD-031** Twist Drills Tip, 5/16"

**GTC-TD-056** Twist Drills Tip, 9/16"

**GTC-TD-037** Twist Drills Tip, 3/8"

**GTC-TD-062** Twist Drills Tip, 5/8"

**GTC-TD-042** Twist Drills Tip, 7/16"

**GTC-TD-075** Twist Drills Tip, 3/4"

**GTC-TD-050** Twist Drills Tip, 1/2"

**GTC-TD-100** Twist Drills Tip, 1"



TWIST DRILL TIP