

TUBE CLEANING DRILL



PSM-500 - Easy Handling

Small, straight tubes can often be the source of some not so straight forward problems. Tubes measuring 25 mm I.D. and smaller can easily trap debris or become clogged from just a minor buildup 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.

PSM-500: Tube Cleaning Drill including air drive unit, 4,5 m air hose, 4,5 m water hose, 4,5 mm or 6,35 mm starter drill



FEATURES

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




RECOMMENDED:
For better air regulation and quality, plus longer motor life, we recommend the combination air lubricator, filter and regulator unit (GTC-705-4).











GTC-705-4: Combination Air Lubricator, Filter and Regulator (see page 19)

OPTIONAL:
3012-500: Carrying Case, with room for up to eight 1,2 m long hollow drills

SPECIFICATIONS	PSM-500
Drill Speed	950 RPM (Free Speed)
Motor Power	Up to 0,5 kW Depending on Air Pressure and Volume
Air Requirements	Minimum 3,4 BAR at 18 m ³ /h Maximum 6,2 BAR at 32 m ³ /h
Water Requirements	Minimum 2,1 BAR at 7,6 LPM, Maximum 6,9 BAR at 7,6 LP
Hoses	4,6 m Air Hose and 4,6 m Water Hose
Dimensions	290 mm Long
Weight	2,5 Kg
Optional Carrying Case	360 mm (H) x 1360 mm (W) x 120 mm (D)

SEE PAGE 21 FOR OPTIONAL EQUIPMENT AND ACCESSORIES. CALL FOR ASSISTANCE.

TUBE CLEANING DRILL ACCESSORIES

ACCESSORY	APPLICATION	PART NO.	SIZES
Blue Nylon Brushes 	Removing soft deposits in straight, ferrous and nonferrous tubes. Brush should be equal to or 1,6 mm smaller than tube I.D.	GTC-211	6,4 to 25,4 mm (in 1,6 mm increments)
Brass Brushes 	Removing soft and light scale deposits in straight, ferrous and nonferrous tubes. Brush should be equal to or 1,6 mm smaller than tube I.D.	GTC-200B	6,4 to 25,4 mm (in 1,6 mm increments)
Stainless Steel Brushes 	Removing soft and light scale deposits in straight, ferrous tubes. Brush should be equal to or 1,6 mm smaller than tube I.D.	GTC-210	6,4 to 25,4 mm (in 1,6 mm increments)
Adjustable Buffing Tool 	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. They are adjustable to a 6,4 mm range.	GTC-203P GTC-203PDT GTC-205 GTC-205DT GTC-206 GTC-206DT GTC207/208A/208B	Buffing Tool for tubes 7,9 to 12,7 mm I.D. Same as GTC-203PDT with drill tip Buffing Tool for tubes 12,7 to 14,3 mm I.D. Same as GTC-205DT with drill tip Buffing Tool for tubes 15,9 to 25,4 mm I.D. Same as GTC-206DT with drill tip Replacement Blades for GTC-203P, GTC-205 and GTC-206 (specify Buffing Tool)
Adjustable Triangular Scraping Tool 	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 6,4 mm range.	TST-500 TST-750	Triangular Scraper Tool for tubes 12,7 to 19,1 mm I.D. Triangular Scraper Tool for tubes 19,1 to 25,4 mm I.D.
Starter Drills 	Making pilot holes in deposits of completely clogged tubes.	GTC-975A GTC-975B	Starter Drill, 4,8 or 6,4 mm Starter Drill, 9,5 mm and up
Hollow Drills 	Cleaning severely or completely clogged tubes. (Effective length 840 mm for 0,9 m drills and 1.140 mm for 1,2 m drills.)	GTC-960-3 GTC-961-3	Hollow Drill, 4,8 mm x 0,9 m Hollow Drill, 6,4 mm x 0,9 m NOTE: HOLLOW DRILLS ARE AVAILABLE IN DIAMETERS FROM 3,2 TO 19,1 MM UP TO 1,8 M LONG.
Hollow Shafts 	Adapt brushes, buffing tools, hollow carbide drills and twist drills to PSM-500.	GTC-964-3 GTC-965-3 GTC-965-KIT GTC-989-KIT GTC-998	Hollow Shaft, 0,9 m long with coupling for 6,4 mm brushes Note: GTC-964 Hollow Shaft is available up to 1,8 m long. To order, change suffix on GTC-964 to length specifications beyond 0,9 m standard (e.g. GTC-964-6 is a 1,8 m Hollow Shaft.) Hollow Shaft, 0,9 m long with coupling for 7,9 mm brushes, coupling for 9,5 mm brushes, and coupling for 11,1 to 25,4 mm brushes and all buffing tools for 7,9 to 25,4 mm I.D. tubes Hollow Shaft Kit for tubes 7,9 to 12,7 mm I.D. including three 990 mm long hollow extension shafts with couplings to form a 3 m shaft, a 305 mm 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 Hollow Shaft Kit for tubes 14,3 to 25,4 mm I.D. including three GTC-998 Hollow Extension Shafts with couplings to form a 3 m long shaft, a 0,3 m 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 Hollow Extension Shaft, 990 mm long for GTC-989-KIT
Hollow Drill Tips 	Hollow Drill Tips attach to Hollow Shafts and are used to clean severely or completely clogged tubes.	GTC-RWB-031 GTC-RWB-037 GTC-RWB-042 GTC-RWB-050 GTC-RWB-056 GTC-RWB-062 GTC-RWB-075 GTC-RWB-100	Hollow Drill Tip, 7,9 mm Hollow Drill Tip, 9,5 mm Hollow Drill Tip, 11,1 mm Hollow Drill Tip, 12,7 mm Hollow Drill Tip, 14,3 mm Hollow Drill Tip, 15,9 mm Hollow Drill Tip, 19,1 mm Hollow Drill Tip, 25,4 mm
Twist Drills 	Twist Drills attach to Hollow Shafts and are used to clean severely or completely clogged tubes.	GTC-TD-031 GTC-TD-037 GTC-TD-042 GTC-TD-050 GTC-TD-056 GTC-TD-062 GTC-TD-075 GTC-TD-100	Twist Drill, 7,9 mm Twist Drill, 9,5 mm Twist Drill, 11,1 mm Twist Drill, 12,7 mm Twist Drill, 14,3 mm Twist Drill, 15,9 mm Twist Drill, 19,1 mm Twist Drill, 25,4 mm

