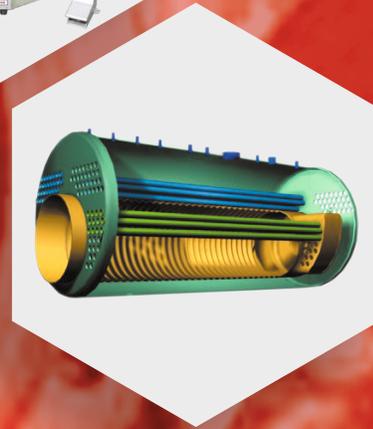
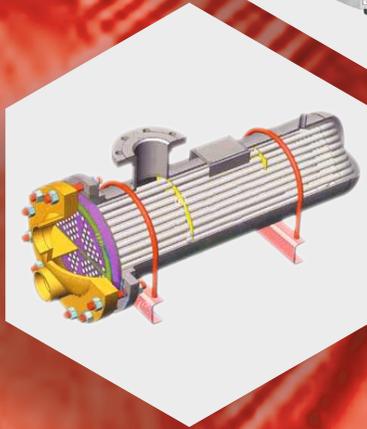




TUBE TOOLS



Tools for every conceivable need....

www.powermasteramerica.com

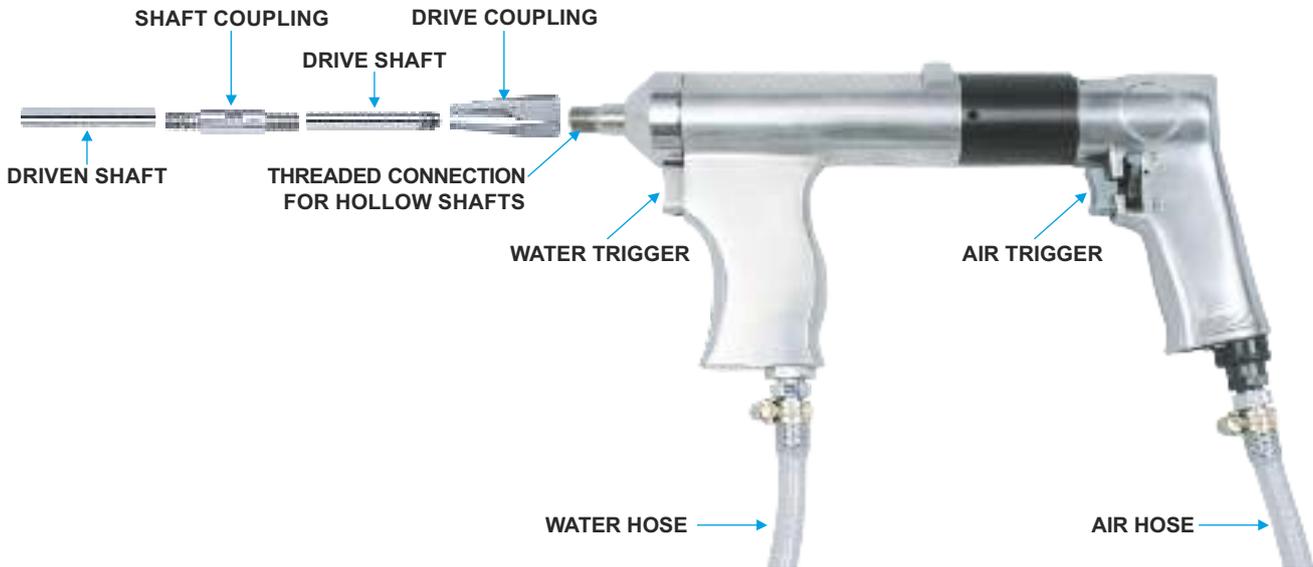


TUBE CLEANERS



PORTABLE PNEUMATIC TUBE CLEANERS

3/16"-2"
I.D.



Operation : The portable pneumatic tube cleaners use hollow shafting of different diameters as per tube I.D. to be cleaned which can be coupled together to form lengths as per the length of the tube to be cleaned.

Water flows through the hollow tube and washes out deposits that are dislodged by the cleaning tools attached to the driven shafts. Typical cleaning tools used are carbide drills for severely clogged tubes, brushes for light deposits and buffing tools for final polishing of tubes. The water flow is independently controlled allowing the user to determine how much water is needed in the application.

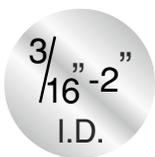
Model **C-10** is typically used on oil coolers, small heat exchangers and condensers.

Model **CP-315** is typically used on larger diameter tubes of process vessels, heat exchangers and condensers.

Tube I.D.'s suited for		Model No.	Max Motor Power		Free Speed RPM	Air Supply		Water Supply		Weight	
mm	inch		HP	kW		Min	Max	Min	Max	lbs.	kg.
4.8-25.4	3/16-1	C-10	0.6	0.45	700	60psi@16cfm	90psi@16cfm	30psi	100psi	5.72	2.6
22.2-51.0	7/8-2	CP-315	1	0.746	1000	90psi@20cfm	90psi@40cfm	30psi	100psi	6.60	3.0

Note : The tube cleaners above are supplied with a heavy duty plastic carrying case with separate provision to house upto 8, 4ft. (1.2m) long hollow shafts, 15ft. (4.6m) air hose, 15ft. (4.6m) water hose.





PORTABLE PNEUMATIC TUBE CLEANER ACCESSORIES

• **Hollow Drive Shaft** - 4ft. (1.2m) long aircraft quality steel shafts to connect to drive.
 Model **DS-300 to DS-500**
 Model **DS-562 to DS-750**



• **Hollow Driven Shaft** - 4ft. (1.2m) long aircraft quality steel shafts to connect to driven shafts. Order quantities based on length of tube to be cleaned.
 Model **DN-300 to DN-500**
 Model **DN-562 to DN-750**



• **Drive Coupling** - To Couple hollow drive shaft to drive.
 Model **DC-300 to DC-500**
 Model **DC-562 to DC-750**



• **Shaft Coupling** - To Couple 2 hollow shafts together.
 Model **SC-300 to SC-500**
 Model **SC-562 to SC-750**



• **Starter Drill** - To make pilot holes in deposits of completely clogged tubes.
 Model **SD-312 to SD-500**
 Model **SD-562 to SD-750**



Tube I.D.'s suited for		Drive	Hollow Drive	Hollow Driven	Drive Coupling	Shaft Coupling	Starter Drill
mm	inch	Model No.	Shaft Model No.	Shaft Model No.	Model No.	Model No.	Model No.
4.8-6.4	3/16-1/4	C-10	DS-300	DN-300	DC-300	SC-300	-
9.5	3/8		DS-312	DN-312	DC-312	SC-312	SD-312
11.1	7/16		DS-375	DN-375	DC-375	SC-375	SD-375
12.7-14.3	1/2-9/16		DS-437	DN-437	DC-437	SC-437	SD-437
15.9-17.5	5/8-11/16		DS-500	DN-500	DC-500	SC-500	SD-500
19.1-20.6	3/4-13/16		DS-562	DN-562	DC-562	SC-562	SD-562
22.2-25.4	7/8-1	CP-315	DS-625	DN-625	DC-625	SC-625	SD-625
27.0-51.0	1.1/16-2		DS-750	DN-750	DC-750	SC-750	SD-750

CLEANING TOOLS FOR USE WITH PORTABLE PNEUMATIC TUBE CLEANERS

- **Nylon Brushes** -Refer to pages 100, 103
- **Brass Brushes** -Refer to pages 100, 103
- **Stainless Brushes** -Refer to pages 100, 103
- **Buffing Tools** -Refer to pages 101, 105
- **Carbide Drills** -Refer to pages 101, 105

PORTABLE PNEUMATIC TUBE CLEANING KITS



Build your own kit by adding price of Drive (C-10 or CP-315), Hollow Drive Shafts, Hollow Driven Shafts, Shaft Couplings, Drive Coupling based on length of tube to be cleaned and cleaning tools (Brushes, Carbide Drills, Buffing Tools).

We will supply all the above in a handy box at no extra charge ! The box will accomodate a maximum of 1 Drive + 4 Hollow Shafts + 5 Couplings + 18 Cleaning Tools (Brushes, Carbide Drills, Buffing Tools).

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