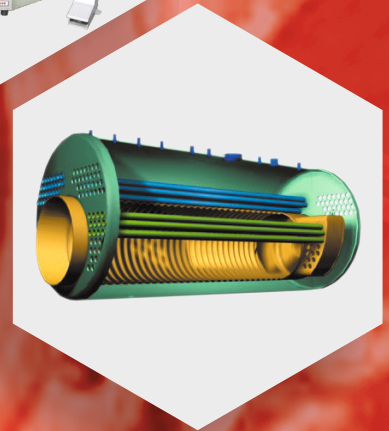
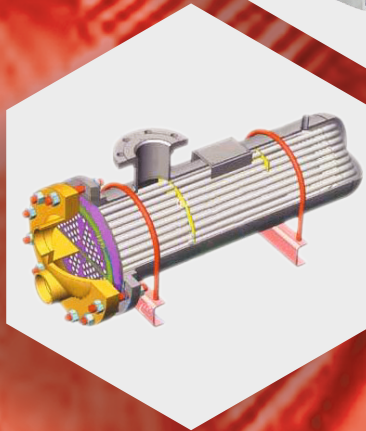




## TUBE TOOLS



*Tools for every conceivable need.....*

[www.powermasteramerica.com](http://www.powermasteramerica.com)



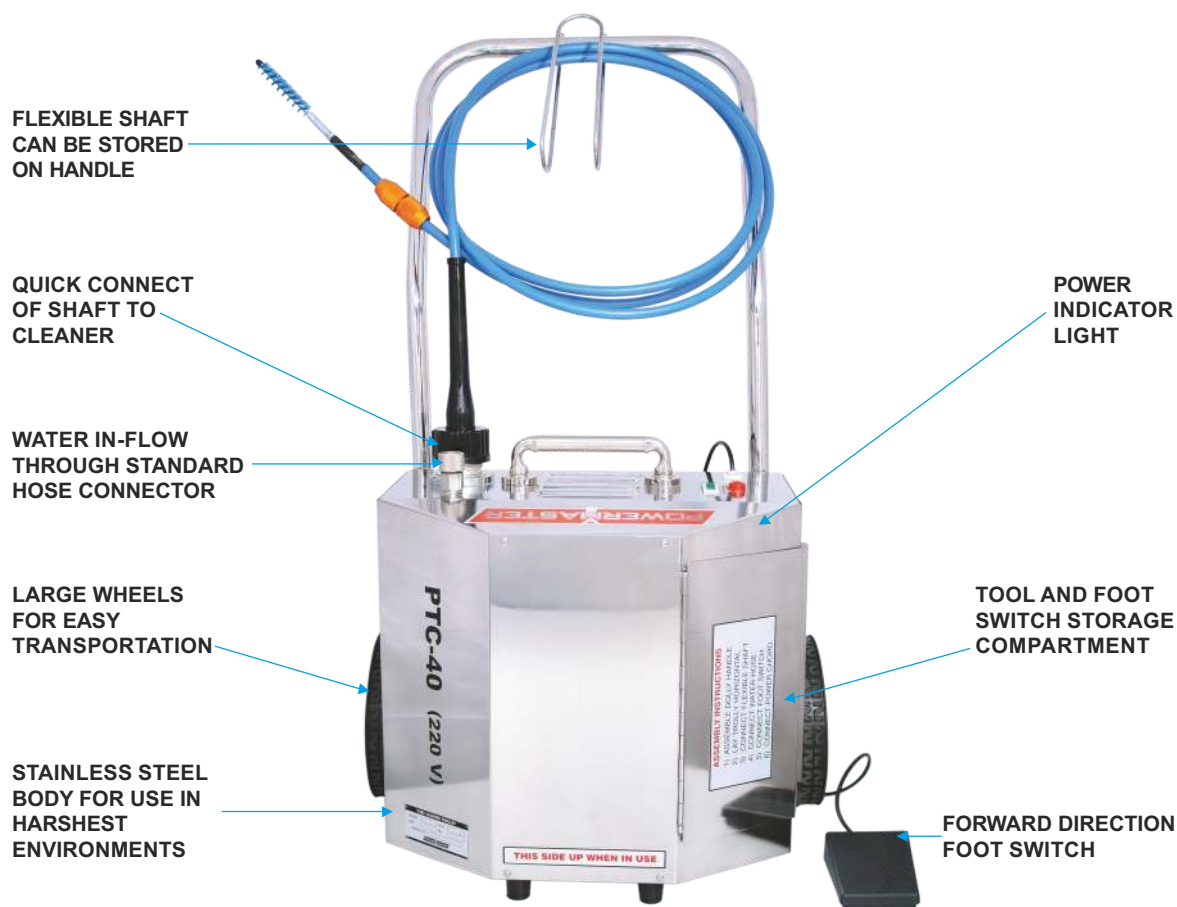
# TUBE CLEANERS





$\frac{1}{4}$ " & UP  
I.D.

## ELECTRIC TUBE CLEANERS

*Features :*

- Water flushes through the shaft and helps remove deposits from tube.
- Forward direction foot switch enables operator to concentrate on cleaning operation without worrying about cleaner.
- Flexible shaft can be easily disconnected.
- Stainless steel body for use in the harshest environments.
- Easy interchangeability of various shafts and accessories for maximum versatility.
- Large wheels for easy transportation.
- Water consumption can be regulated as needed.

Electric Tube Cleaners are environment friendly, compact and easily maneuverable units used to clean straight and curved tubes in heat exchangers, condensers, boilers and other tubular apparatus. They work by attaching a cleaning tool (to be determined on type of deposit to be cleaned) to a flexible shaft. The Electric Tube Cleaner provides rotary motion to the flexible shaft which rotates the cleaning tool inside the tube. If needed water passes through the flexible shaft to aid in flushing out of the deposits. All Electric Tube Cleaners are supplied with forward direction foot switch. Dual direction foot switches are available on request.

| Tube I.D.<br>mm | inch   | Tube Cleaner<br>Model No. | Motor Power |      | Motor<br>Speed<br>RPM | Weight |     | High        | Dimension  |            |
|-----------------|--------|---------------------------|-------------|------|-----------------------|--------|-----|-------------|------------|------------|
|                 |        |                           | HP          | kW   |                       | lbs.   | Kg. |             | Wide       | Deep       |
| 6.4-25.4        | 1/4-1  | PTC-40                    | 1/2         | 0.40 | 890                   | 62     | 28  | 38"(975mm)  | 21"(535mm) | 18"(457mm) |
| 6.4-25.4        | 1/4-1  | PTC-60                    | 3/4         | 0.60 | 890                   | 66     | 30  | 38"(975mm)  | 21"(535mm) | 18"(457mm) |
| 25.4 & UP       | 1 & UP | PTC-75                    | 1           | 0.75 | 1780                  | 70     | 32  | 38"(975mm)  | 21"(535mm) | 18"(457mm) |
| 25.4 & UP       | 1 & UP | PTC-150                   | 2           | 1.50 | 1780                  | 84     | 38  | 40"(1015mm) | 22"(560mm) | 19"(482mm) |

All units available in your choice of :  
 110v 60Hz, 110v 50Hz - 9 Amps.  
 220v 60Hz, 220v 50Hz - 4.5 Amps.  
 Please Specify when ordering.

## ELECTRIC TUBE CLEANING SYSTEMS

## MODEL TCS-40 CHILLER TUBE CLEANING SYSTEM

**MODEL TCS-40** Chiller Tube Cleaning System is the most common package used for cleaning 5/8" I.D. tubes of Trane, Blue Star, Thermax, Carrier, York, and other units.

## CONTENTS

- PTC - 40 Tube Cleaner - 1 no.
- PFS - 500-79 Flexible Shafts - 2 nos.
- Nylon Brushes (specify size) - 25 nos.
- PBT-1, 2, 3 or 4 Buffing tools (specify size) - 2 nos.
- Replacement blades for Buffing Tools - 8 nos.
- Repair kit for flexible shaft PFS-500 consisting of 4 drive end couplings, 4 tool end couplings, 1 shaft repair tool with hammer, 1 flexible shaft lubricator and 2 bottles of lubricant.



PTC-40 TUBE CLEANER



BUFFING TOOL



SHAFT REPAIR TOOL



FLEXIBLE SHAFT



NYLON BRUSH



REPLACEMENT BLADES



REPAIR KIT

## MODEL TCS-60 CHILLER TUBE CLEANING SYSTEM

**MODEL TCS-60** Chiller Tube Cleaning System is similar to the TCS-40 Tube Cleaning System, but uses a more powerful 3/4 HP motor for tougher deposits. A dual direction foot switch is provided for cleaning internally grooved tubes.

## CONTENTS

- PTC - 60 Tube Cleaner - 1 nos.
- PFS - 500 - 140 Flexible Shafts - 2 nos.
- Nylon Brush (specify size) - 25 nos.
- Repair kit for flexible shaft PFS - 500 consisting of 4 drive end couplings, 4 tool end couplings, 1 shaft repair tool with hammer, 1 flexible shaft lubricator and 2 bottles of lubricant.



PTC-60 TUBE CLEANER



SHAFT REPAIR TOOL



FLEXIBLE SHAFT



NYLON BRUSH



REPAIR KIT

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