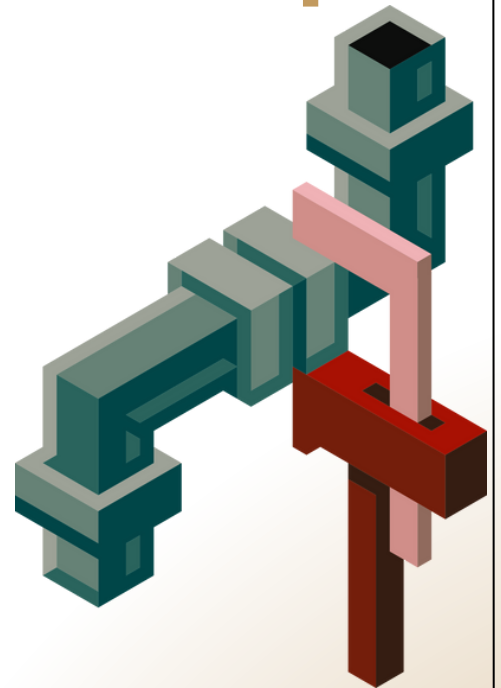




PROTECH TOOLS



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ABOUT US

Protech Tools was founded in 2023 by a group of experts with 4 years of excellent work experience in the same field. After the initial years of struggle, through hard work, foresight, and persistence, the company has evolved from 2 persons to a dynamic workforce of over 10 individuals. They operate a single manufacturing unit and have established 5 sales and service offices in major cities of India. Currently, Protech Tools is focusing on the global market, aiming to deliver the same products with the best quality, competitive prices, and efficient delivery.

QUALITY - PRICE - DELIVERY

- **Quality** - We have realized that to survive and grow in today's international market we must produce products equal to or better than the best available in the world, else we should cease from producing them. We also must provide our customers with added values to help us grow and increase our market share worldwide.
- **Price** - We will not attempt to sell a product worldwide if we are not able to offer our customers significant price savings. We will use our strengths of having a competitive labour force to decide on new products lines.
- **Delivery** - We will use our price advantage to increase our inventory levels to an extent that higher cost manufacturers would find difficult to match. We will attempt to ship out orders the same day via UPS, FED EX or DHL to our customers worldwide so it reaches them within days of the order. Automated inventory control, on-line ordering systems and our Same Day Shipment program ensure efficient order placement and execution cycles.

ELECTRIC TUBE CLEANER



PROTECH TOOLS ELECTRIC TUBE CLEANERS ARE ENVIRONMENT-FRIENDLY COMPACT AND EASILY MEASURABLE UNITS IN HEAT EXCHANGERS, CONDENSERS, BOILERS, AND OTHER TUBE APPAREL THEY WORK BY ATTACHING A CLEANING TOOL (TO BE DETERMINED BY 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 SWITCHES.

- WATER FLUSHES THROUGH THE SHAFT AND HELPS REMOVE DEPOSITS FROM THE TUBE.
- THE FLEXIBLE SHAFT CAN BE EASILY DISCONNECTED.
- STAINLESS STEEL BODY FOR USE IN THE HARSHTEST ENVIRONMENT.
- THE FORWARD DIRECTION FOOT SWITCH ENABLES THE OPERATION TO CONCENTRATE OR CLEANING OPERATION WITHOUT WORRYING ABOUT CLEANER.
- EASY INTERCHANGEABILITY OF VARIOUS SHAFTS AND ACCESSORIES FOR MAXIMUM VERSATILITY.
- LARGE WHEELS FOR EASY TRANSPORTATION. WATER CONSUMPTION CAN BE REGULATED AS NEEDED.

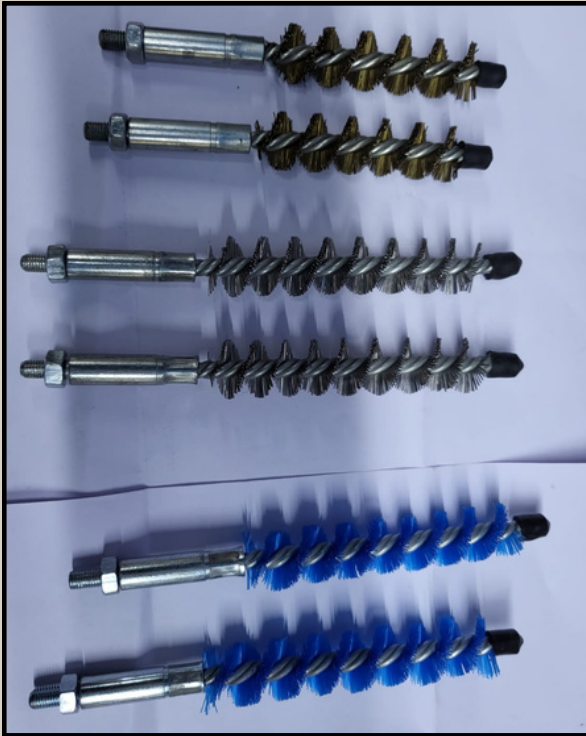
PNEUMATIC TUBE CLEANER



"PROTECH TOOLS" MODEL ATC-300, EXTRA HEAVY DUTY PNEUMATIC TUBE CLEANING MACHINE INCLUDES AIR FILTER, REGULATOR, LUBRICATOR, ADJUSTABLE SPEED/TORQUE CONTROL, MOBILE DOLLY, TOOL STORAGE BOX, AND AIR FOOT PEDAL. THE ATC-300 USES A CLEANING TOOL MOUNTED TO THE TIP OF A FLEXIBLE SHAFT, WHICH IS AVAILABLE IN DIFFERENT LENGTHS AND DIAMETERS TO FIT THE SIZE OF THE TUBE TO BE CLEANED. FOR WET APPLICATIONS, AS THE SHAFT ROTATES INSIDE ITS WATERTIGHT NYLON CASING, THE UNIT FEEDS WATER THROUGH THE CASING TO THE CLEANING TOOL. A FOOT PEDAL CONTROLS SHAFT ROTATION AND WATER FLOW. WHILE THE OPERATOR FEEDS THE ROTATING SHAFT ASSEMBLY THROUGH THE TUBE, THE WATER FLUSHES OUT DEPOSITS AS THEY ARE LOOSENED.

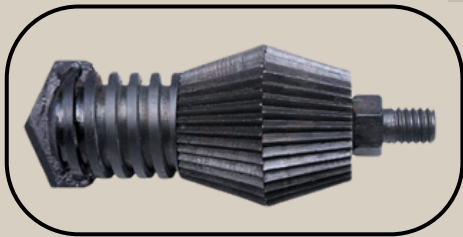
- SHOCK RESISTANT - EXCELLENT FOR APPLICATIONS WHERE USING ELECTRIC EQUIPMENT IS HAZARDOUS.
- CORROSION RESISTANT - STAINLESS STEEL COVER AND CHASSIS FOR LONG LIFE.
- VERSATILE - INTERCHANGEABILITY OF DIFFERENT SIZE FLEXIBLE SHAFTS AND CLEANING TOOLS.
- SPEED / TORQUE CONTROL - SHAFT ROTATION CAN BE SET AT THE OPTIMUM SPEED AT EACH APPLICATION.
- NO TOOLING - QUICK DISCONNECT OF THE FLEXIBLE SHAFT.
- EASY MANEUVERABILITY - LARGE WHEELS.
- TIME SAVING - SIMULTANEOUS WATER FLUSH TO REMOVE DEPOSITS FROM TUBES.

TUBE CLEANING BRUSHES



- **NYLON BRUSHES** - USED FOR REMOVING SOFT SCALES IN THE FERROUS (CARBON & STAINLESS STEEL) AND NON-FERROUS (COPPER, BRASS, PLASTIC, ETC) TUBES AND FOR FINAL FINISHING OF TUBES.
- **STAINLESS STEEL BRUSHES** - USED FOR REMOVING SOFT AND LIGHT SCALE DEPOSITS IN THE FERROUS (CARBON & STAINLESS STEEL) TUBES.
- **BRASS BRUSHES** - USED FOR REMOVING SOFT AND LIGHT SCALE DEPOSITS IN STRAIGHT, NON-FERROUS (COPPER, BRASS, ES FROM 64 1/4 NICKEL AND THEIR ALLOYED) TUBES.

CUTTER HEADS & BUFFING TOOLS



CARBIDE DRILLS - USED FOR CLEANING TUBES CHOKED SOLIDLY WITH HARD DEPOSITS.



BUFFING TOOLS - USED FOR FINAL POLISHING OR REMOVAL OF LIGHT AND SOFT DEPOSITS FROM FERROUS AND NON-FERROUS TUBES THAT HAVE BEEN PREVIOUSLY CLEANED. USED IN STRAIGHT OR VERY LARGE RADIUS TUBES IN A CLOCKWISE DIRECTION ONLY.



PROTECH TOOLS CATALOGUE

TOOLS

FLEXIBLE SHAFT



FLEXIBLE SHAFTS WITH STAINLESS STEEL INNER CORE FOR PTC-40, PTC-60, PTC-75, PTC-150, ATC-300

WHEN ORDERING FLEXIBLE SHAFTS AND ACCESSORIES, EACH ITEM SHOULD BE ORDERED FOR SPECIFIC TUBE / PIPE

SIZE OR SIZE RANGE. SHAFTS HAVE COLOR CODED SHAFT STOPS FOR EASY IDENTIFICATION. STAINLESS STEEL INNER

CORE ENSURES OUR SHAFTS HAVE LONGEST LIFE, FLEXIBILITY AND RESISTANCE TO CORROSION. SINCE THE INNER CORE

OF THE SHAFTS ARE HEART OF THE SYSTEM AND TAKE MOST OF THE STRAIN, STAINLESS STEEL INNER CORES CAUSE

OUR SHAFTS TO LAST LONGER THAN THE COMPETITION.

TO ORDER FLEXIBLE SHAFT(S), DETERMINE TUBE ID(S) AND LENGTH OF THE LONGEST TUBES(S). ORDER FLEXIBLE SHAFT(S) TO CORRESPOND WITH TUBE ID(S) AND LENGTH.

PLEASE ASK FOR SPECIAL OR LONGER LENGTHS.

Models

PT-250-40	PT-560-55	PT-375-140	PT-500-184
PT-250-79	PT-560-79	PT-500-40	PT-500-232
PT-375-40	PT-560-110	PT-500-55	PT-560-40
PT-375-55	PT-560-140	PT-500-79	
PT-375-79	PT-560-184	PT-500-110	
PT-375-110	PT-560-232	PT-500-140	

MANUFACTURING FACILITIES

**SHOP NO - 1 & 2, GANESH NAGAR,
GANDHIDHAM - KUTCH - GUJARAT -
370201**