

## TUBE EXPANDERS



The product line include: Tube Expanders, Boiler Expanders, Condenser Expanders, Heat Exchanger Tools, Extractors, Bundle Extractors, Tube Cutters, Tube End Facers, Tube Cleaners, Tube Flaring Tools, Tube Rolling Tools, Hydraulic Tube Expanders, Grooving Tools, Boiler Tube Pullers, Boiler Tube Expanders, Mandrels, Expanding Mandrels, Tube Cleaning Tools, Tube Testing Tools, Vacuum leak Detectors, Tube Removal Tools, Hydro Expanders, Hydraulic Pullers, Tube Pullers, Collet Pullers, Tube Spears, Tube Drifts, Knockout Tools, Bundle Pullers, Tube Prep Tools, Tube Sheet Hole Tools.



### 900 SERIES Condenser and Heat Exchangers Tube Expander

TUBE ID Min: 0,152" (3,86mm) Max: 0,331" (8,41mm)  
TUBE OD Min: 1/4" (6,35mm) Max::3/8" (9,5mm)

### 800 SERIES Condenser and Heat Exchangers Tube Expander

TUBE ID Min: 0,334" (8,48mm) Max: 1,027" (26,9mm)  
TUBE OD Min: 1/2" (12,7mm) Max: 1 1/8" (28,5mm)



### 1200 SERIES Condenser and Heat Exchangers Tube Expander

TUBE ID Min: 0,334" (8,48mm) Max: 1,430" (36,32mm)  
TUBE OD Min: 1/2" (12,7mm) Max: 1 1/2" (38,1mm)



### KS SERIES Boiler Tube Expanders

Three expansion rolls, three flare rolls, self feeding boiler expanders. This expander simultaneously expand and flare the tube. An excellent expander for re-rolling leaky tubes and for new constructions of water tube boilers, fire tube boilers, economizers and air heaters.

Exp. Range from: (min 19mm – max 22mm) up to:(min 96mm – max 108mm)



### PZ SERIES Boiler Tube Expanders

Three expansion rolls, self feeding tube expander. An excellent expander for re-rolling leaky tubes and for new constructions of water tube boilers, fire tube boilers, economizers and air heaters.

Exp. Range from:(min 19mm – max 22mm) up to:(min 96mm – max 108mm)

## TUBE EXPANDERS



### **PUSH & PULL K50 Pneumatic Rolling Motor**

The new model PUSH & PULL K50 Pneumatic Rolling Motor has been specifically engineered to ensure uniform tube to tube sheet expansions, thereby preventing thereby preventing the under and over rolling of tubes. This pneumatic tool features an aluminum body, with an ergonomically correct push/pull Throttle. Automatically Stops Tube expansion at defined settings

### **Right Angle Rolling Motor**

The latest model Torque Controlled Rolling Motors have been designed specifically for the boiler Tube Industry.

These tools have a unique Head design which features a fully enclosed bearing design for long and trouble free life. With industry input, our tools have been specifically engineered to precisely and consistently Expand Tubes in Steam / Mud drums, Fire Tube and related Boilers and Equipment.



### **TOOL FOR SERATTING TUBE SHEET**

These Grooving tools manufacturing, within a broad range of sizing : 3/8" (9,52mm) to 4" (101,6mm), in both imperial and metric versions. As a standard, the tools have an adjustment system for channel cutting reach, 22mm to 54mm.

### **PTTC Push Type Tube Cutters**

The new PTTC tube cutters (available from 1/2" up to 4" O.D) offer new features to make it the most versatile cutter available. The cutter blades are made out of the HSS what assure long life time.



### **Parallel Gear Drive**

Parallel Gear Drive, designed for use inside the header boxes where hand holes are not in line with tube centerline.

### **Right Angle Gear Drive**

Right Angle Gear Drive, designed for use inside header boxes where handholds are at right angle to the tube centerline. For hand and power use.



**The vacuum leak tester KVL3000** is a simple, precise method of testing tubes in boilers, condensers, and heat exchangers. Powered by compressed air the vacuum leak detector pulls a vacuum in a tube to a desired reading on a gauge. A steady reading on the gauge would indicate that the tube doesn't leak. If the reading on the gauge drops you have pinpointed the leaking tube.