

Khoday HYDRAULICS

OFFERS

A WIDE RANGE OF EQUIPMENT DESIGNED FOR HYDRAULIC EXPANSION OF HEAT EXCHANGER TUBES INTO TUBE SHEETS THROUGH THE DIRECT APPLICATION OF HIGH INTERNAL HYDRAULIC PRESSURE.

HYDRO EXPANDER

HYDRAULIC TUBE EXPANSION EQUIPMENT



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HYDRAULICS



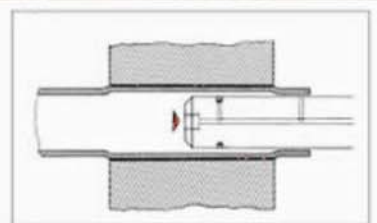
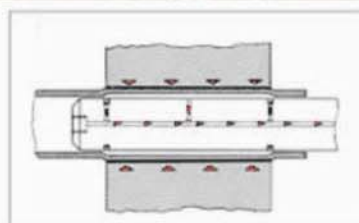
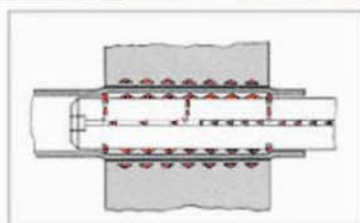
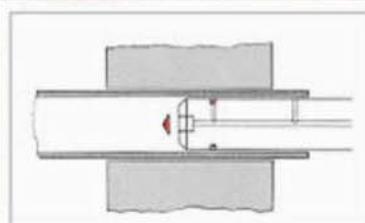
4000 BAR
60000 PSI

KH TE 44 K : 44,000 psi max

KH TE 60 K : 60,000 psi max

HYDRAULIC EXPANSION IS THE DIRECT APPLICATION OF HIGH INTERNAL HYDRAULIC PRESSURE WITHIN A TUBE IN ORDER TO FORM A TIGHT JOINT BETWEEN THE TUBE AND TUBE SHEET. THIS EXPANSION PRESSURE IS ACCURATELY SET, MEASURED, REPEATED, AND CONTROLLED.

- **DIRECT PRESSURISING SYSTEM**
- **NO TUBE WALL REDUCTION**
- **REPEATABLE EXPANSION BY THE SAME PRESSURE WHICH IS HELD TO WITHIN A TOLERANCE OF ± 100 PSI**
- **THICKEST OF TUBESHEETS ARE HYDROEXPANDED IN ONE STEP IN JUST SECONDS**
- **STRESS CORROSION, WORK HARDENING & OTHER METALLURGICAL CHANGES ARE MINIMISED. PROLONGING TUBE SERVICE LIFE**
- **DEGREE OF EXPANSION IS DIRECTLY PROPORTIONAL TO THE PRE-SET HYDRAULIC PRESSURE**
- **REDUCED CREVICE CORROSION DUE TO ACCURATE CONTROL OF TUBE TO TUBESHEET CREVICE**
- **UNIFORM HYDRAULIC PRESSURE EXPANDES THE TUBE TO ACCOMMODATE DISTORTED HOLES WITHIN ALLOWABLE TOLERANCES**
- **PROCESS & TROUBLESHOOTING INDICATOR LIGHTS TRACK EXPANSION PROGRESS**
- **EASY TO READ DIGITAL PRESSURE READOUT**
- **ENCLOSED CABINET WITH CASTOR WHEELS FOR EASY PORTABILITY**



Experience the Power of Water !