## PT HYDROSTATIC TESTING MACHINE

## HYDROSTATIC TESTING STATIONS

Mair Research S.p.A. designs and supplies hydrostatic testing machines capable to process ERW tubes.

Mair hydrotesting machines have been employed to test pipes and tubes with 24" OD with testing pressures up to 750 Bar. They have been supplied as part of a Mair Research integrated finishing line or as separate equipment.



#### MAIN FEATURES

#### TAILOR MADE DESIGN

Equipped with single or multiple heads where up to three tubes can be processed at the same time. The flexible design allows productivity suitable to follow the upstream and downstream process. A patented tooling changeover system allows quick tooling replacement.

### **FLEXIBLE PROCESSING**

Suitable to process ASTM, API standards tubing with plain ends.

#### PRESSURE CONTROL

Fluctuating pressures are avoided by means of special design intensifiers controlled by PLC system.

#### **FULLY AUTOMATIC CONTROL**

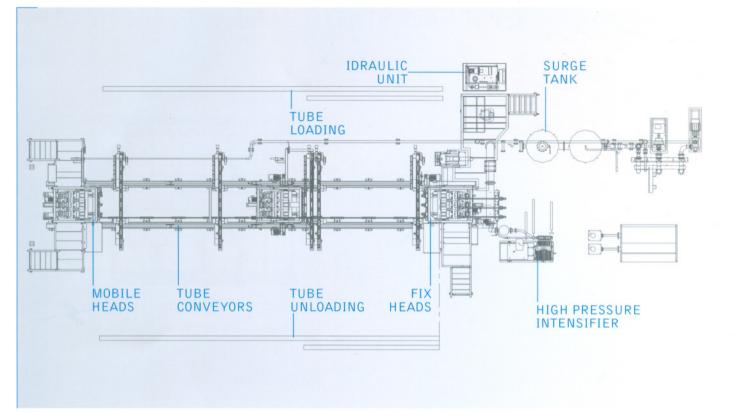
All lines are equipped with fully automatic control for both material handling and testing sequences. The operator can set the pressure and the time duration of the test according to the specific standards directly from the operator panel positioned in a safe area: All testing parameters are represented on the HMI in form of graphics and saved.

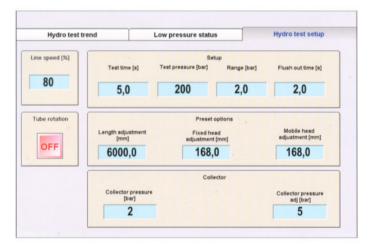
#### SAFETY

The layout design has been made considering the complete safety for the operators. Testing is enclosed by a safety hood and the process is remotely controlled using close circuit TV cameras.









## **PERFORMANCES**

Capability to test one, two or three tubes at a time

Patented quick change tooling system

## **TECHNICAL DATA FOR STANDARD MACHINES**

MACHINE TYPE	PT 1	PT 3	
Tube diameter up to	406.40	273.05	mm
Pressure up to	10 000 690	10 000 690	psi Bar
Tube ends	plain		

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