

## Our products

**MAT**®

UE1500  
UE 10000

*Electric Insertion*

*Press-Fitting Units*



### Advantages

- Controlled assemblies :
  - Distance tripping with Force transducer
  - Force tripping with Distance transducer
  - Force control at "distance before end"
  - Force/distance curve control on 8 storage windows
  - Differential distance control
- Highly accurate trip distance
- High speed approach
- Low maintenance
- Very user-friendly Man Machine Interface when working on a PC

### Characteristics

- Resolution : 2  $\mu\text{m}$
- Repeatability : +/- 15  $\mu\text{m}$
- Force accuracy : +/- 5 %
- Max. speed during approach : from 150 to 400 mm/s
- Force range : 2 - 5 - 15 - 30 - 50 - 75 - 100 and 160 kN
- Strokes available : from 100 to 500 mm

### Usual applications :

Every pressing, insertion, deformation application, in **compression** or **traction**, requiring accurate force and distance control within a limited cycle time.

Communication between **MVAT**® electronic control unit and the industrial environment (PLC, supervisor,..) is obtained with the MVAT-Net module which is connectable to most field buses.

**Customer references : Bosch, Core Products, Danfoss, Delphi, Française de Mécanique, Fuji Koyo, GM , PSA, Renault, Siemens, SNR, ...**