



Jet engine's collar Aircraft industry

High technology aircraft's parts require accurate parameters setting and control of presses. This requirement must allow handmade work which is a part of the success of the unitary product realized within human control and know-how which is almost the case in aircraft industries.

Deep drawing Press :

- Type of press : Triple Acting Arch Press
- Punch Force : 5 000 kN
- Stroke : 1 200 mm
- Approach/return speed : 100 mm/s
- Variable working speed : 1 to 10 mm/s
- Blank clamber Force : 2 000 kN
- Blank clamber stroke : 1 200 mm
- Cushion Force : 1 500 kN
- Cushion stroke : 300 mm
- Tables : 1 800 x 1 500mm
- Daylight : 1 500 mm
- Cylinders positioning accurate at $\pm 0,1$ mm
- Touch screen display with hydraulic and electrical function motions, grafcet step, parameters setting (stroke/force and settings record), tool change mode
- Bus CanOpen network between pumps and PLC
- Cylinders motion control : potentiométric joystick for speeds change
- Safety : Light curtain and Grides
- Quick change tool system : hydraulic bolt clamping + hydraulic bearing



Design and manufacturing according to specifications