

Mechanical Multi-station press with eccentric drive





MME2-2000-2.0-800 Mechanical Multi-station press with eccentric drive

REQUIREMENT

- Manufacture of outer bell-shaped portion of a constant velocity joint by warm forming
- High volumes
- Complete manufacturing line

SOLUTION

- Complete turnkey line based on a 5-station mechanical press with eccentric drive
- Line designed for fully automated operation from slug feeding system to finished part unloading
- Continuous production with part transport by electronically controlled NC transfer
- Use of a high-efficiency lubrication/cooling system for the tools
- Delivery of complete tool technology, including process technology
- Single station tool changing for shortest possible changeover times



Technical specifications

Line	Mechanical Multi-station press with eccentric drive and 2-point slide suspension
Press force	20,000 kN (2,250 US tons)
Slide stroke	800 mm
Stroking rate	16 – 32 spm
Max. output	1680 pph (at 100% capacity)
Bed size	2,300 x 1,000 mm
Die space window	1,600 mm
Number of stations	5
Spacing between stations	450 mm
Bed ejectors	<ul style="list-style-type: none"> • Force: 1,200/600/400 kN (135/70/45 US tons) • Stroke: 200 + 40 mm
Slide ejectors	<ul style="list-style-type: none"> • Force: 480/240 kN (54/27 US tons) • Stroke: 140 mm

Accessories

- NC transfer with lift stroke
- Gripper rail die change cart
- Tool changing device
- Tool change aids for single stations
- Tool lubrication and cooling system
- Electronic press force monitor
- Sound enclosure
- Installation on vibration dampening elements
- Cooling conveyor for finished parts
- Conveyor for incorrectly heated parts
- Die shoe with wedge adjustment, 5-station
- Hydraulic single station clamping
- Loading station + tool accessories
- 15 complete die sets

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