



## Electrical Drive Shape Moulding Machine For EPS Application

- Shape Moulding with hi-tech process control and fast electric drive.
- The machine-concept with advantages like quick-mould-change via clamp-frames enables a mould change within 15 minutes.
- High efficient PID-control for steam and air create energy savings and fastest cycle times.
- Solid machine structure with highest precision in milling in combination with aluminium coating of the frame guarantees best reliability.

### Movement

- Fast electrical drive with one servo motor

### Sizes

- Usable moulding areas from 670/570 up to 1395/870 available.

### Features:

- **Electrical drive with knee lever**
- **Fast mould change system**
- **PID-control for steam and air**
- **Clear and operator-oriented display/menue**
- **Pressure-filling system**
- **Solid frame-structure with coating**
- **Crane/rail system integrated**

### Options:

- **Deloading and stacking robot with servo-drive**
- **Moulds with surface-treatment**
- **Customer specific demands**



# Machine Concept



Shape moulding machine overview

## Machine Components

Process Control	Bachmann PLC
Pneumatic Control	Festo
Electrical Component	Schneider
Process control Valves	Gemü
Electrical Servo Drive	Schneider
Gearbox	KEB



12.1" Touch screen control



Mould clamp frame



Pneumatic control



Control panel



Deloader with servo-drive