

**HIRSCH** Technology



## **HT8 TWIN**

Shape Molding Machine

**Ideal for**

- Helmets and
- Packaging parts with inserts

# HT8 TWIN Shape Molding Machine

**Features**

Optimal working height / easy accessibility  
 No steam chamber required / energy supply directly to the mold  
 Two independent cavities  
 Electronic steam and air regulation  
 Electric drive with spindle  
 Dual condenser with vacuum pump  
 Dual Density  
 12 l fill hopper  
 Automatically closing safety guard

**Benefits**

Highest operator friendliness  
 Energy savings (see consumption data below)  
 No cycle time loss due to parallel production process  
 Energy savings  
 Environmental friendly  
 Highly efficient vacuum cooling  
 High diversification of products  
 Low air consumption  
 Highest safety at work

**Technical Data**

|                                |                      |                        |
|--------------------------------|----------------------|------------------------|
| Mold mounting dimensions       | 800 x 800 mm         | (31,5" x 31,5")        |
| Max. part size (l x w x h)     | 300 x 230 x 170mm    | (12" x 9" x 6,7")      |
| Machine dimensions (l x w x h) | 5550 x 2800 x 3400mm | (18'3" x 9'3" x 11'2") |
| Weight                         | 4.800 kg             | (10580 lb)             |

**Helmet Properties**

**Density:** 76 g/l (4,744 lb/ft<sup>3</sup>)

**Weight:** 150 g (0,33 lb)

**Cycle time:** > 120 sec. depending on density, raw material, aging, water temperature and number of inserted parts

**Energy consumption per helmet**

|       |                              | In comparison to conventional shape molding machines: |
|-------|------------------------------|---|
| Steam | 5 kg steam / helmet          | 11 kg steam / helmet                                  |
| Air   | 0,5 Nm <sup>3</sup> / helmet | 1,0 Nm <sup>3</sup> / helmet                          |
| Water | 0,03 m <sup>3</sup> / helmet | 0,07 m <sup>3</sup> / helmet                          |