ABOUT THE COMPANY

Stronger Experience of 32 Years,

DMMET MAHİA was established in Kırıkkale • Kızılay TÜRKİYE in 1989. As being started 2 factories one with 300 m² closed and another 5000 m² open.

With our following services we offer:

• Sandwich Panel Production Line
• Polyurethane High Pressure Casing Machines
• Metal Sheet Machine
• Cold Rolled Lines
• US Type Machines
• 24/7 Customer Service
• Cold Rolled Steel Line

DMMET MAHİA has long-rooted experience in designing, manufacturing, and delivering complete systems for the production of TPU SANDWICH PANELS, integrated high-speed machinery and metal sheet lines with more than 300 employees.

Being creative and up to date with latest technologies. In our designs and manufacture. We have a consistent quality.

Moving forward with our various designs, concept development and creatively in our industry is what makes us one of the major companies in this field. By using the best performing materials, incorporating computer-aided design, utilizing the latest in automation and robotic technologies, and delivering quality products, our products are considered among the highest levels of quality in their respective fields.

We are proud to have engineers, technicians, and highly skilled workers available to support our valued customers.

DMMET has recently become one of the best names around the world with our brand to manufacture the best product in terms of quality and service.

Above all, our high performance, standards, which is essentially based on our experience in the international market which is marked by exporting more than 250 lines with today leading to more than 25 countries.

Welcome to visit the most European and medium-scale's leading manufacturer!
DPM Series dosing machines for highly diverse polyurethane applications

DPM series machines cover a wide range of solutions for manufacturing polyurethane components. DPM series features an attractive price/performance ratio and dual delivery times. DPM machines are equipped with high-quality components to guarantee reliable process control and high component quality. Solvents and other substrates are no longer required.

**Application areas**
- Construction
- Technical Jumps
- Automotive
- White goods

**DPM Series**

**A-Side | Plug-in**
- Axel piston pump, pump drive with frequency converter, 5RM (transmission, drive monitoring, heat exchanger, pneumatic diaphragm barrier pump, suction rate measurement, shaftless, edge filter)

**B-Side | Box**
- Axel piston pump, pump drive with frequency converter, 5RM (transmission, drive monitoring, heat exchanger, pneumatic diaphragm barrier pump, suction rate correction, flow measurement, closed, edge filter in suction line)

**Output range**
- From 100 g/h to 5000 g/h, 2 nozzle heads

**Mixing Head**
- Dosing Line, type Mixing Head (self-cooling)

**Control Panel**
- P.I.C. control, computerized D7-100 with hand control operation panel

**Mixing Head Hydraulics**
- High-pressure pump, nozzles accumulator, metering/flow mass balance (control, mixing head control, mixer head control system)

**Control Panel**
- Siemens HMI operator panel with touch screen integrated into an ergonomically correct body

**Mixing Head Rotating Boom**
- Integrated on the base frame (Radius 7.2 m)

**Dosing Unit**
- Axial piston metering pumps, frequency regulated, double drive with 5RM frequency converter in batch or cushioning systems

**Temperature - Control System**
- Perfect temperature control thanks to heat exchangers and pumps. The pumps and heat exchangers are arranged in the mechanical frame.

**Edg Filter**
- For a selective clear processing of different PP systems, our use edge filters in the edge filter unit, developed exclusively for systems.

**TECHNICAL DATA**

<table>
<thead>
<tr>
<th>DPM</th>
<th>50E</th>
<th>100E</th>
<th>200E</th>
<th>*500E</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total flow rate at M.fr.1</td>
<td>120 g/min</td>
<td>300 g/min</td>
<td>540 g/min</td>
<td>2000 g/min</td>
</tr>
<tr>
<td>Raw material tank (L)</td>
<td>2</td>
<td>2</td>
<td>2</td>
<td>2</td>
</tr>
<tr>
<td>Rated power (kW)</td>
<td>23</td>
<td>40</td>
<td>60</td>
<td>90</td>
</tr>
<tr>
<td>Processable viscosity of the components (Pa·s)</td>
<td>20 + 2000</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Base Frame dimensions (L x W x H mm)</td>
<td>2180 x 1980</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Total weight (without liquid kg)</td>
<td>1700 kg</td>
<td>1300 kg</td>
<td>900 kg</td>
<td>1300 kg</td>
</tr>
</tbody>
</table>

*Not available as a standard.*

**DOSING UNIT**
- **Edge Filter**
- **Level Monitoring**
- **Accumulator**
- **Raw Material Tank**