ABOUT US
Iron and Steel Industry general engineering, about us

* Special machinery design,
* Coil processing lines,
* Trapeze production lines,
* Special profiles, rollform systems,
* Sandwich panel lines,
* Aluminum composite panel lines,
* Polyurethane applications, and general machinery in accordance with their own knowledge and modern technology makes the project engineering and manufacturing services.

Since 1995 in the Sandwich Panel Machine Technology

I found my own workshop in 2001. However we began to produce spare part and machine by manual machine.

We installed electric and electronic field with our company so that first trapeze machine was produced.

I have studied in producing machine after that I started to work at workshop. I worked for long time at this work place.

We developed our work, from manual machine to CNC system. It provides us the opportunity that to produce more specific part.

www.dmmet.com
Currently, our manufacture is proceeding with 2 different factories;

1 Factory 3,800 m²
Cover Area 4,400 m²

2 Factory 4,800 m²
Cover Area 6,300 m²

The Chairman of the Board’s Message

Dear customers, business partners, employees,

Our journey began in 1995 continues today with the same enthusiasm and determination in the 20th year.

From the first day we started our journey we have been working with our stakeholders hardly to deliver the best service and products to our customers. We have approached to problems always like a solution partner by adopting customer satisfaction. In order to solve our customers’ problems in the most appropriate way and to deliver the best services to our customers we continue our works by searching for the best always. We have built our relationships on the basis of trust rather than business.

As in our journey of 20 years we promise that we will continue providing added value to our customers, employees, industry and society in the upcoming periods.

I would like to thank our customers, employees and business partners.

Yours Sincerely...
Chairman and Managing Director
Mr. Ünal BAY

www.sandwichpanelline.com
### TRAPEZOIDAL SHEET ROLL FORMING MACHINE

DMMET produces efficient and flexible production lines for trapezoidal and corrugated profiles. DMMET offers these solutions as multi-deck lines and as quick-change cassette lines. Roll forming machines for single profile production are also available from us.

<table>
<thead>
<tr>
<th><strong>Coil Material</strong></th>
<th><strong>Coil</strong></th>
<th>Color Steel, Galvanised</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td><strong>Coil Thickness</strong></td>
<td>0.3 - 0.8 mm</td>
</tr>
<tr>
<td></td>
<td><strong>Coil Width</strong></td>
<td>1000 - 1200 - 1250 mm, Customized</td>
</tr>
<tr>
<td></td>
<td><strong>Yield Strength</strong></td>
<td>250 - 350 Mpa</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>Decoiler and Coin Car</strong></th>
<th><strong>Decoiler Type</strong></th>
<th>Manual or hydraulic or automatic type</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td><strong>Weight Capacity</strong></td>
<td>10T,</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>Main Roll Forming</strong></th>
<th><strong>Forming Station</strong></th>
<th>18 forming stations, depend on profiles</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td><strong>Roller Material</strong></td>
<td>High grade 45# steel, surface with hard chrome 0.05 mm</td>
</tr>
<tr>
<td></td>
<td><strong>Shaft Material</strong></td>
<td>High grade 45# steel, quenched</td>
</tr>
<tr>
<td></td>
<td><strong>Shaft Diameter</strong></td>
<td>86 mm</td>
</tr>
<tr>
<td></td>
<td><strong>Drive Type</strong></td>
<td>Chain Drive</td>
</tr>
<tr>
<td></td>
<td><strong>Forming Speed</strong></td>
<td>0-25 m/min</td>
</tr>
<tr>
<td></td>
<td><strong>Main Power</strong></td>
<td>7.5 KW</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>FLY Cutting Device</strong></th>
<th><strong>Cutting Type</strong></th>
<th>Hydraulic cutting</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td><strong>Cutting Die Material</strong></td>
<td>SW 2375 steel, HRCS58-62</td>
</tr>
<tr>
<td></td>
<td><strong>Cutting Tolerance</strong></td>
<td>+/- 1mm (10m)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>Electrical System</strong></th>
<th><strong>PLC Brand</strong></th>
<th>Siemens S7 brand</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td><strong>Inverter Brand</strong></td>
<td>ABB brand</td>
</tr>
<tr>
<td></td>
<td><strong>Encoder</strong></td>
<td>OMRON brand</td>
</tr>
<tr>
<td></td>
<td><strong>Touch Screen</strong></td>
<td>Siemens brand</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>Hydraulic System</strong></th>
<th><strong>Hydraulic Station</strong></th>
<th>Famous TURKEY Brand</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td><strong>Hydraulic Power</strong></td>
<td>4 KW</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>Auto Stacker Max 13000 mm</strong></th>
<th><strong>Table Type</strong></th>
<th>Pnomatik System</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td><strong>Function of Table</strong></td>
<td>To support the profile sheets after cutting</td>
</tr>
</tbody>
</table>

[www.dmmet.com](http://www.dmmet.com)
%100 Turkish Design

www.sandwichpanelline.com
METAL ROOF TILE ROLL FORMING MACHINE

DMMET has extensive experience in metal tile profiles and a broad overview of manufacturing technology, and offers wide range of metal roof tile roll forming machine designs. We can also create completely new product designs and innovations according to specific customer requirements.

METAL TILE ROOF ROLL FORMING MACHINE PROPERTIES

<table>
<thead>
<tr>
<th>Property</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Material Thickness</td>
<td>0.3 - 0.7 mm</td>
</tr>
<tr>
<td>Material Width</td>
<td>Depend on Profile</td>
</tr>
<tr>
<td>Decoiler</td>
<td>Manual Passive Uncoller (Customer can choose hydraulic decoiler)</td>
</tr>
<tr>
<td>Weight Capacity of Uncoller</td>
<td>10 Ton</td>
</tr>
<tr>
<td>Forming Station</td>
<td>12 Stations (Depend on Profile)</td>
</tr>
<tr>
<td>Drive of Metal Roof Tile Roll Fm. Mac</td>
<td>1.2' chain transmission</td>
</tr>
<tr>
<td>Main Forming Power</td>
<td>5.5 KW</td>
</tr>
<tr>
<td>Hydraulic Power</td>
<td>4 KW</td>
</tr>
<tr>
<td>Roller Material</td>
<td>45# Forge Steel, Polished And Coated with 0.05 mm Hard Chrome</td>
</tr>
<tr>
<td>Principal Axis Diameter</td>
<td>86 mm (Depend on Profile)</td>
</tr>
<tr>
<td>PLC of Metal Tile Roll Forming Mac</td>
<td>Siemens</td>
</tr>
<tr>
<td>Cutting Blade Material</td>
<td>12 Stations (Depend on Profile)</td>
</tr>
<tr>
<td>Auto Stacker Unit Pronymatic System</td>
<td>1.2' Chain Transmission</td>
</tr>
</tbody>
</table>
PU-PIR SANDWICH PANEL PRODUCTION LINE

Our continuous PUR / PIR sandwich panel production line is already recognized its value by exporting to European country with CE and other major sandwich panel producing companies at domestic and foreign. DM MET, we will keep trying for development in accordance with customer’s needs for the high quality sandwich panels.

APPLICATION of the PU-PIR PANEL PRODUCTION LINE

This production line is suitable for manufacturing socket type (wall plate panel) and lapped type (roof tile panel) pu sandwich panels.

FLOW CHART


MAIN TECHNICAL DATAS

- Production Type: Continuous and automatic production
- Specification of Material: 0.3 - 0.8 mm
- Width of Material: 1250 mm Max
- Main Power: 240 kW
- Total Power: 300 kW
- Upper and lower pressing group producing: Continuous and automatic foamming, foaming capacity can be stepless adjustable.
- Forming System: 20 - 300 mm
- Speed: 0 - 16 mm / min
- Siemens PLC Computerized controlling: about 160 Ton
- Total Weight: about 85 meter
U-C PURLIN MACHINE

Flexible production line for prefabricated C and U members for wall, truss and floor framing. Wall, truss and floor frames for prefabricated buildings like: residential houses and villas, office buildings, social premises, module containers, façade elements, etc. Members produced with all the needed perforations (sheet working) like joint details, screw holes, through holes, openings ...

Pre-Punching and Pre-Cutting Purline Roll Forming Machine

1. Main Purline Forming Machine
2. 3 Tons Manual Uncoiler
3. Guide Device
4. Hydraulic System (Total three oil cylinders, two for punching holes, one for pre-cutting)
5. Hydraulic Motor
6. Hydraulic Pre-cutting Device
7. PLC Computer Controlling System With Touch Screen (Brand: Siemens Germany)
8. Pre-punching Holes Device (the buyer decide the size of punching holes)
9. Reshaping Device
10. Run Out Table (4 PCS)
11. Tools

www.dmmet.com
CUT to LENGTH LINE

The lines are equipped for such processes as trimming, recoiling, precision leveling, and cutting-to-length. DMMET manufactures cut-to-length lines for steel, stainless steel, aluminum, and all types of non-ferrous metals in strip widths from 600 to 1,600 mm and strip thicknesses from 0.1 to 4.0 mm. Our references include steel plants, steel service centers, the automotive industry, and metal processors of various kinds. Individual customer solutions distinguish our innovatively designed, frequently proven, and highly productive lines DMMET cut-to-length lines cut aluminum sheet and strip for industrial applications and for the aeronautical industry to the desired precise dimensions.

Consists of the following units

1. Coil Car
2. Coil Opener
3. Down Spade
4. Up Spade
5. Pinch Rolls
6. Leveller Unit
7. Movable Shear
8. Conveyor
9. Pneumatic Stovage Table
10. Operator Desk
11. Hydraulic Unit
12. Automation Pannel (MMC)
13. Leveller Driver Unit
14. Conveyor Driver Unit
15. Free Installation
References

**Trapezoidal Sheet Roll Forming Machine**
- Cut to Length Line - Metal Roof Tile Rollforming Machine

Akmetal & Tetra Metal
Yilaks Metal
Daşcanlar Çelik
Öziş Metal
Tormaksan
Ataoğuz Demir
Sefa Metal
Hilmi Yıldırım Metal
Arıhan
Ulaşoğluarı
Etabal Çelik
Ecrin Metal
İzoteknik (K.A)
Maded Metal
Yasin Metal
Şirvan İnşaat
Özgün Metal
Has Metal
Steel Solde Algeria
Wafa Clima Morocco
Radwan Hamza & Brothers Co. Palestine

**U-C Purlin Machine**

Vefa Prefabrike Yapılar A.Ş.
Ağsan Yapı (AKKON)
Karmod Prefabrik
Villa Yapı
Opal-On
Oray Prefabrik

**Polyurethane Sandwich Panel Machine**

NUH PANEL (TURKEY)
Pyrapanel
Arıhan (IRAQ)
EUROPAN PANEL (TURKEY)
AZENCO (AZERBAYCAN)
HAKİMİYET (TURKMENİSTAN)
NURC-HAS (KAZAKHSTAN)
MEHRAN SARD (IRAN)
Propanel (LUBNAN)
Dana Steel (DUBAI)
Parsin Goustar Jonob Co. (IRAN)
ZIAD K. ABED (IRAQ)

**Partners**

- ABB
- CAMAK
- hidtek
- i.Mak
- ORS
- Schneider Electric
- SIEMENS