

ABOUT THE COMPANY



FACTORY 1

1

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.

since 2005

FACTORY 2

2

Dmmet Group started its journey in 1995 with Trapezoidal Sheet Roll Forming Machine, Cut to Length Line, Metal Tile Roof Roll Forming Machine, PUR-PIR Sandwich Panel Line and nowadays Polyurethane High Pressure Dosing Machine. 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.

since 2015



FACTORY 3

3

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.

since 2020



- PU-PIR Sandwich Panel Production Line
- Discontinuous Panel Production Line
- Polyurethane Foam Machine
- Trapezoidal Sheet Roll Forming Machine
- Metal Tile Roof Roll Forming Machine
- Cut to Length Line / Slitting Line
- Flexible U-C Purlin Machine



DMMET GROUP®

Advanced Polyurethane Machine

the new world leader in the industry



**SANDWICH PANEL
PRODUCTION LINE**



**ADVANCED
POLYURETHANE MACHINE**



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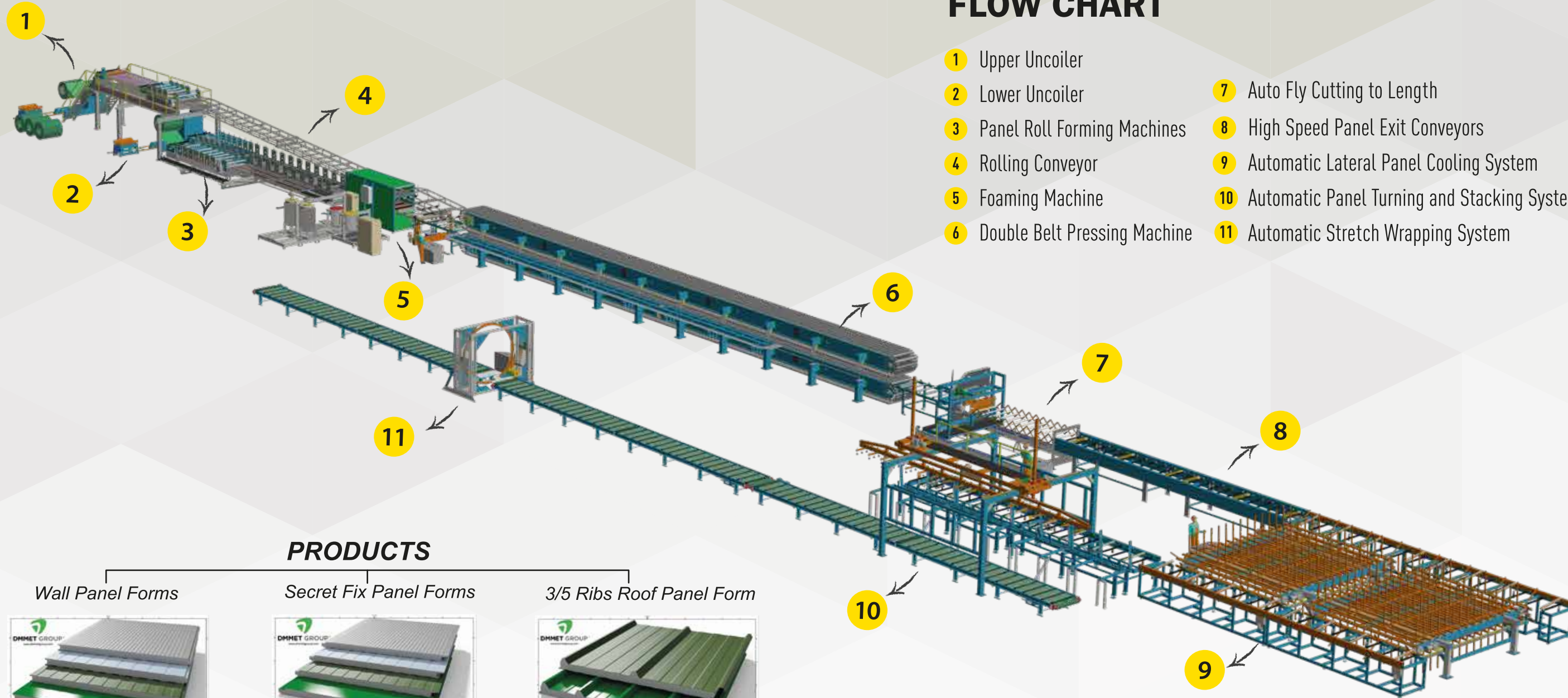


DMMET GROUP®

Advanced Polyurethane Machine

PU - PIR SANDWICH PANEL PRODUCTION LINE





FLOW CHART

- 1 Upper Uncoiler
- 2 Lower Uncoiler
- 3 Panel Roll Forming Machines
- 4 Rolling Conveyor
- 5 Foaming Machine
- 6 Double Belt Pressing Machine
- 7 Auto Fly Cutting to Length
- 8 High Speed Panel Exit Conveyors
- 9 Automatic Lateral Panel Cooling System
- 10 Automatic Panel Turning and Stacking System
- 11 Automatic Stretch Wrapping System

PRODUCTS



TECHNICAL DATAS

Type of Production	Sandwich panels insulated with PU and PIR foam		
Type of Insulation	Polyurethane		
	Rigid PUR blend - class B2/B3	Foam density	38 ÷ 45 kg/m³
RIGID Facing Materials	Material		Thickness (mm)
	Pre-painted and galvanized steel, pre-coated steel with PVC		0,35 ÷ 0,80

MODEL	Press Length	Min-Max Wall Panel Thickness	Min-Max Roof Panel Thickness	Max Production Speed
DMMET 18	18 meter	40 mm - 150 mm	40 mm - 120 mm	8 m / min
DMMET 24	24 meter	40 mm - 180 mm	40 mm - 150 mm	10 m / min
DMMET 30	30 meter	40 mm - 200 mm	40 mm - 200 mm	12 m / min

**** ESTIMATED PRODUCTION CAPACITY**
(Efficiency 80% - Panel width 1.000 mm)

Panel Thickness	Line Speed (m/min)	Production (m/shift)
40	12,0	4,320
60	8,0	2.880
80	7,0	2.520
100	6,0	1.800

The above listed Production capacities refers to ideal working constructions with theoretical standard chemicals and can be subject to modification according to the raw material overall quality, the chosen chemical system, the foam density, the dosing machine pumps flow rate and the maintenance status of the plant. Production capacity calculated considering 7.5 h/shift

**Standard components
PLC and Operator Panels : SIEMENS
3-phase electric motors : ABB - GAMAK
Inverter : ABB - SIEMENS
Contactors, relays : SIEMENS, Allen Bradley
Selector switches,Lamps,push-buttons : SIEMENS
Pneumatic components : Festo - Winman

