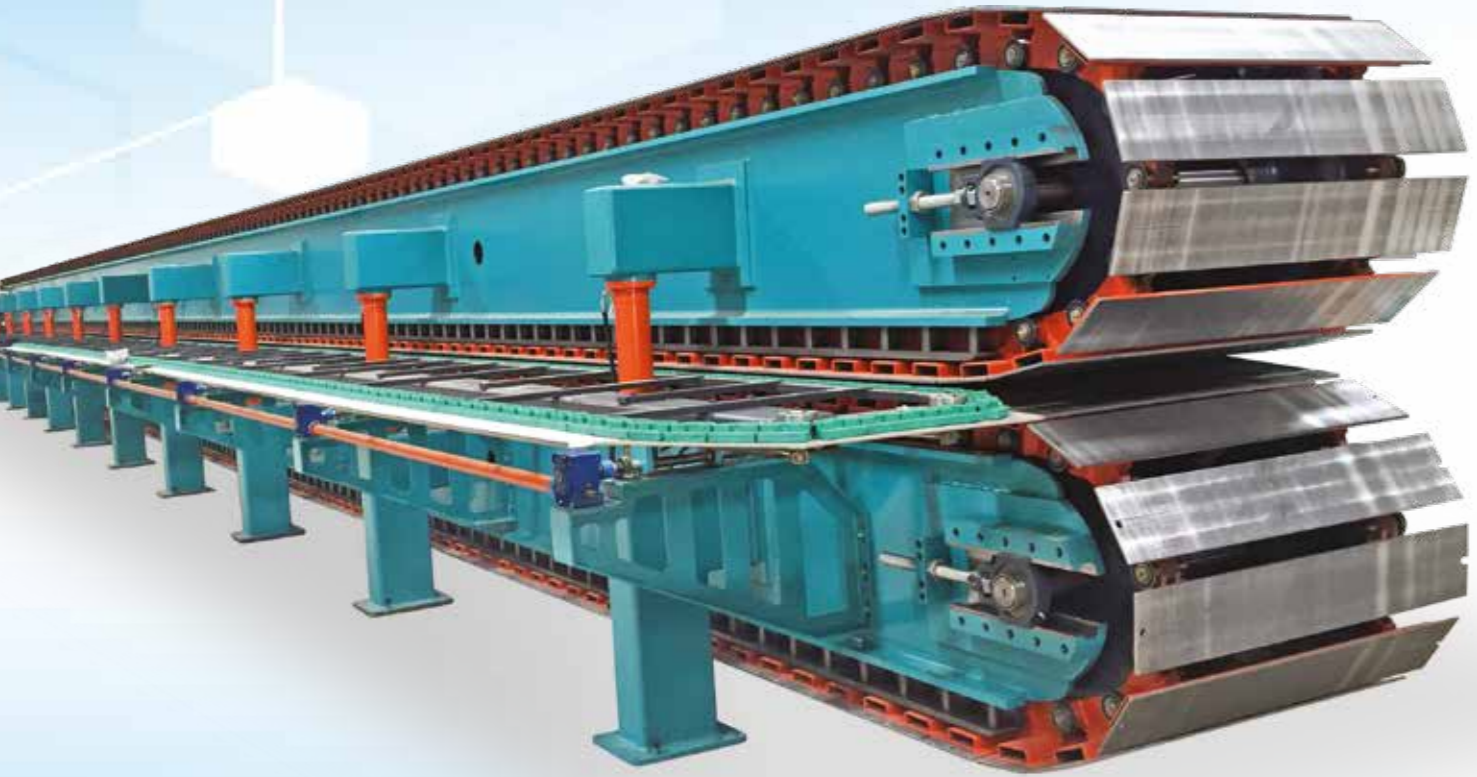


PU-PIR SANDWICH PANEL PRODUCTION LINE



PU-PIR SANDWICH PANEL PRODUCTION LINE



DMMET GROUP®



POLYURETHANE FOAM MACHINE



SANDWICH PANEL LINE

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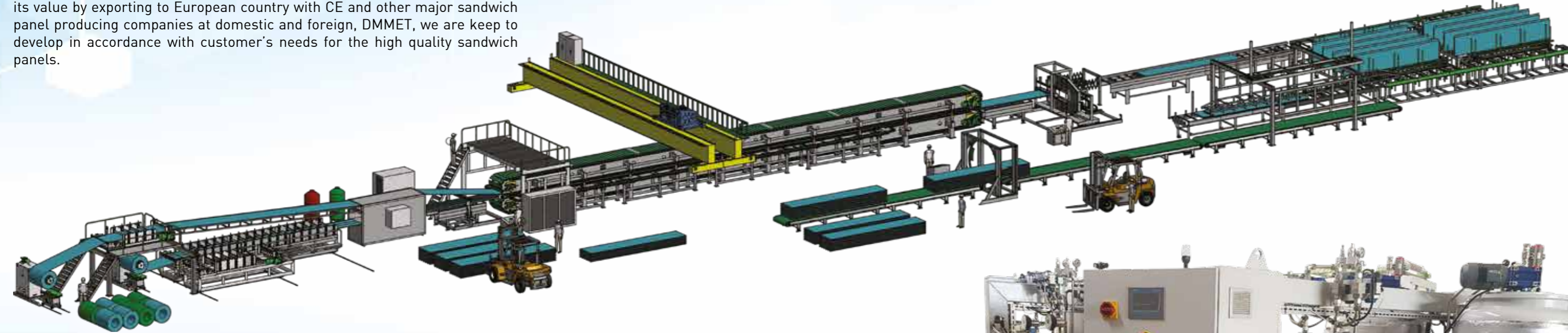
PU-PIR SANDWICH PANEL PRODUCTION LINE

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PU-PIR SANDWICH PANEL PRODUCTION LINE

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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, DMMET, we are keep to develop in accordance with customer's needs for the high quality sandwich panels.



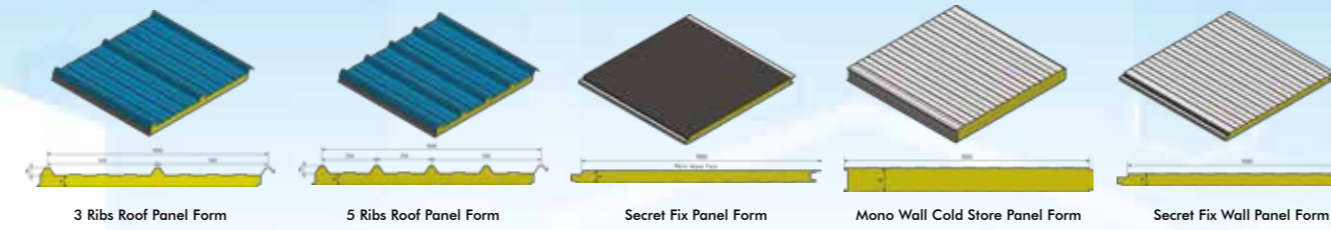
APPLICATION of the PU-PIR PANEL PRODUCTION LINE

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

FLOW CHART

Uncoiler - Feeding Guide - Protective Film Coating - Roll Forming Machine - Rolling Conveyor - Steel Pre-Heating - Foaming Machine - Double Belt Pressing Machine - Rolling Conveyor - Auto Fly Cutting To Length - Runout Table - Auto Vacuum Stacker - Auto Packing Machine.

PRODUCTS



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

MODEL	Press Lenght	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

**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

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 overal 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

