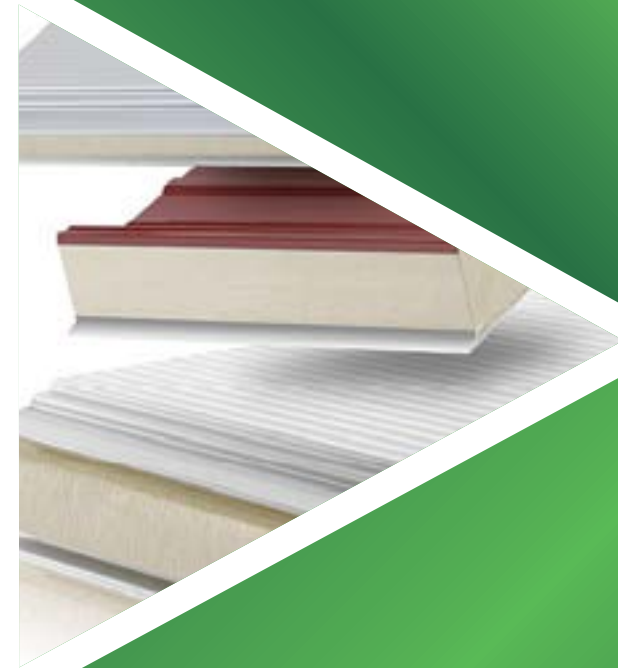
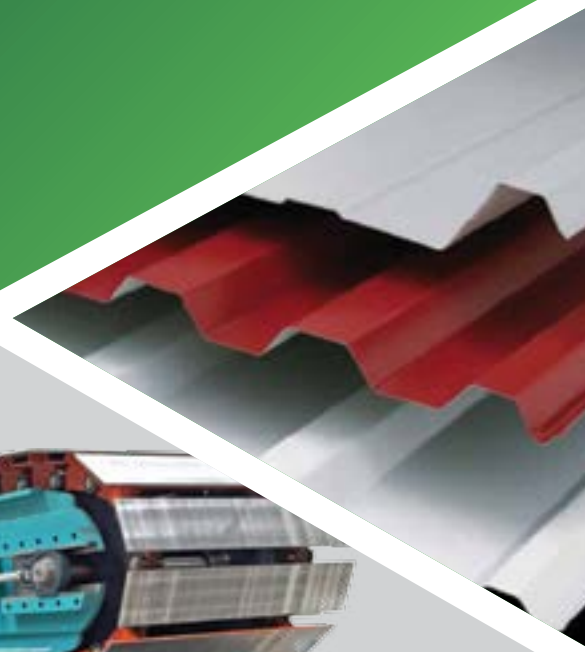
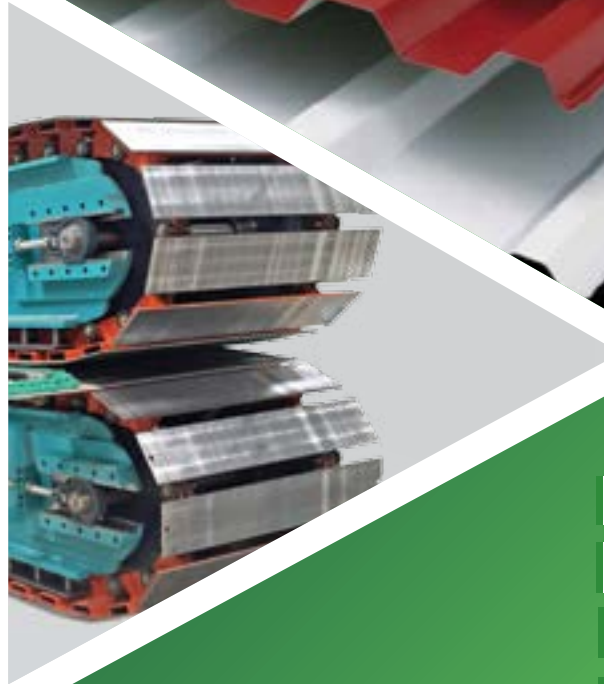




DMMET GROUP®

“Forming Innovation By Technology ”

22
YEARS



PU-PIR Sandwich Panel Production Line

Trapezoidal Sheet Roof Forming Machine

Polyurethane Foam Machine

Metal Tile Roof Roll Forming Machine

Cut to Length Line

Flexible U-C Purlin Machine

www.dmmet.com
www.sandwichpanelline.com
www.polyurethanefoammachine.com

FORMING INNOVATION BY TECHNOLOGY

FACTORY

Area: 4600 m² | Year : 2014

HEAD OFFICE

Area: 3200 m² | Year : 2002

DMMET
engineering
FORMING INNOVATION BY TECHNOLOGY



ABOUT THE COMPANY

Superior Experience of 22 Years.

DONEM MAKINA was established in Kartepe –Kocaeli TURKIYE in 1996. As being stated 2 factories one with 4.600 m² closed and another 3.200 m² area .

With our full guarantee we offer:

- Turnkey PU- PIR Sandwich Panel Production Lines
- Corrugated Sheet Lines
- Metal Roof Tile Machines
- Roll forming Lines
- UC Purlin Machines
- Mini Cut to length lines
- polyurethane foam machine pro max .

DONEM MAKINA , has long years' experience in designing, manufacturing, and installing complete systems for the production of PU-PIR SANDWICH PANELS ,corrugated sheets and metal roof tiles with more than100 employees, is the middle east –western European leader with sales and after sales services.

Being creative and up to date with latest technology in our designs – products' quality . Moving forward with our unique designs, constant development and creativity in our industry is what made us one the most competitive in this field to gain the honor of being model to manufactures . Choosing DMMET means obtaining immediate access, anywhere in the world, to highly trained technical personnel and top level facilities, reliable information, and unparalleled services, all of which are available at a quality/price ratio that is extremely competitive in the international market.

Dmmet has recently become one of the best sellers around the world with our keen to manufacture the best product in terms of quality / price / services .

Above all our high performance , standards . which is eventually rated by our powerful presence in the international market which is marked by exporting more than 120 line until today to more than 22 countries .

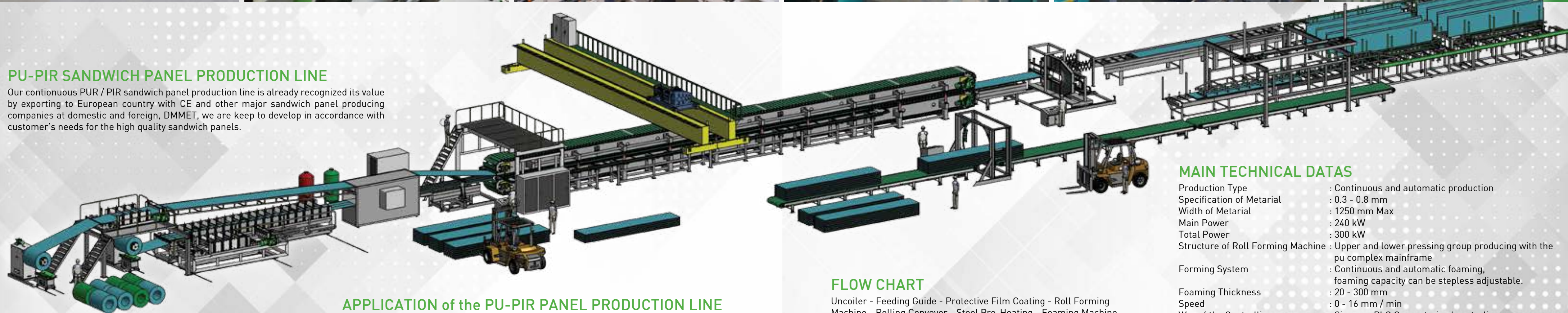
Welcome to visit the east European and the middle east 's leading manufacturer





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, 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.

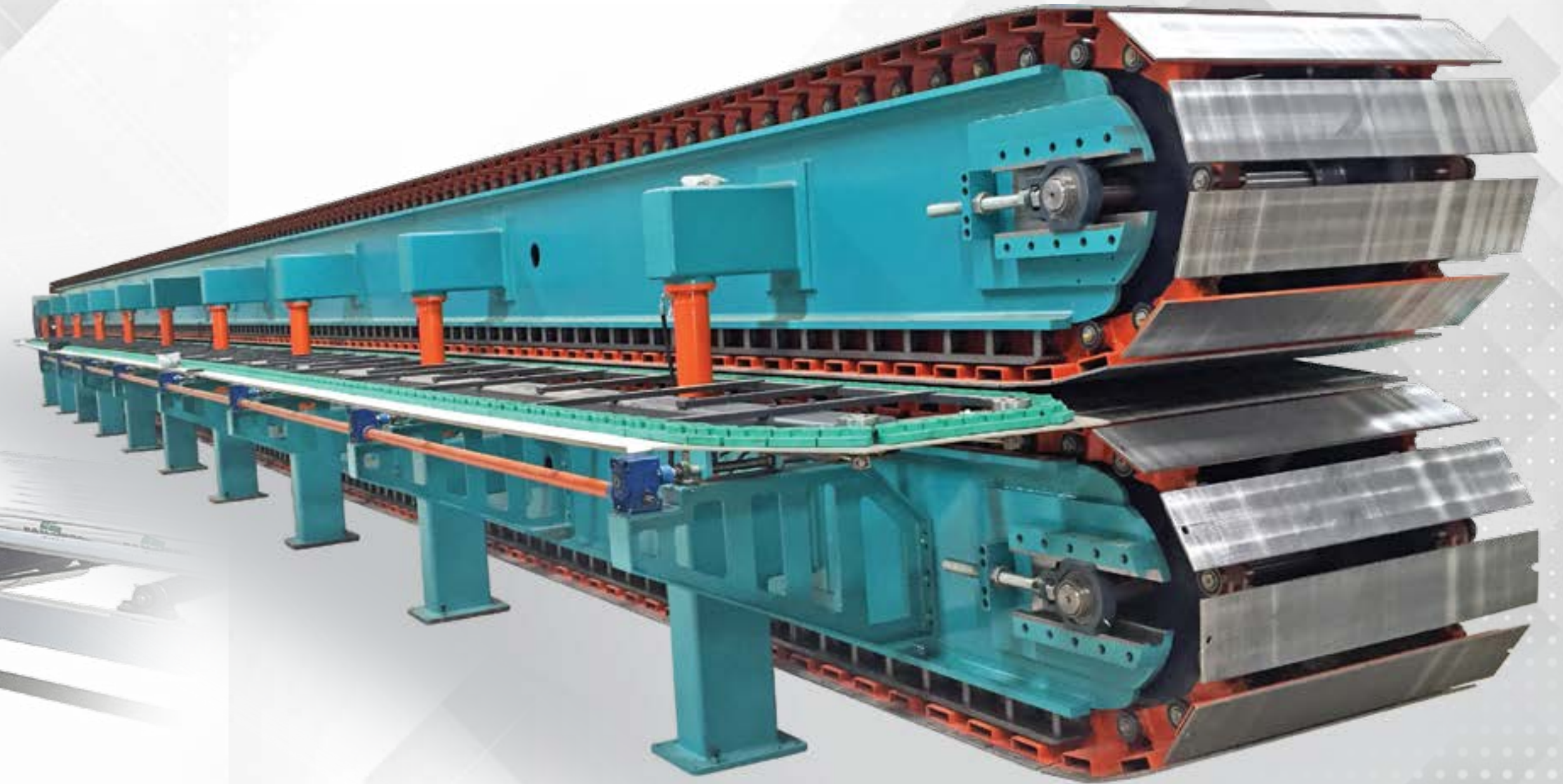
FLOW CHART

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.

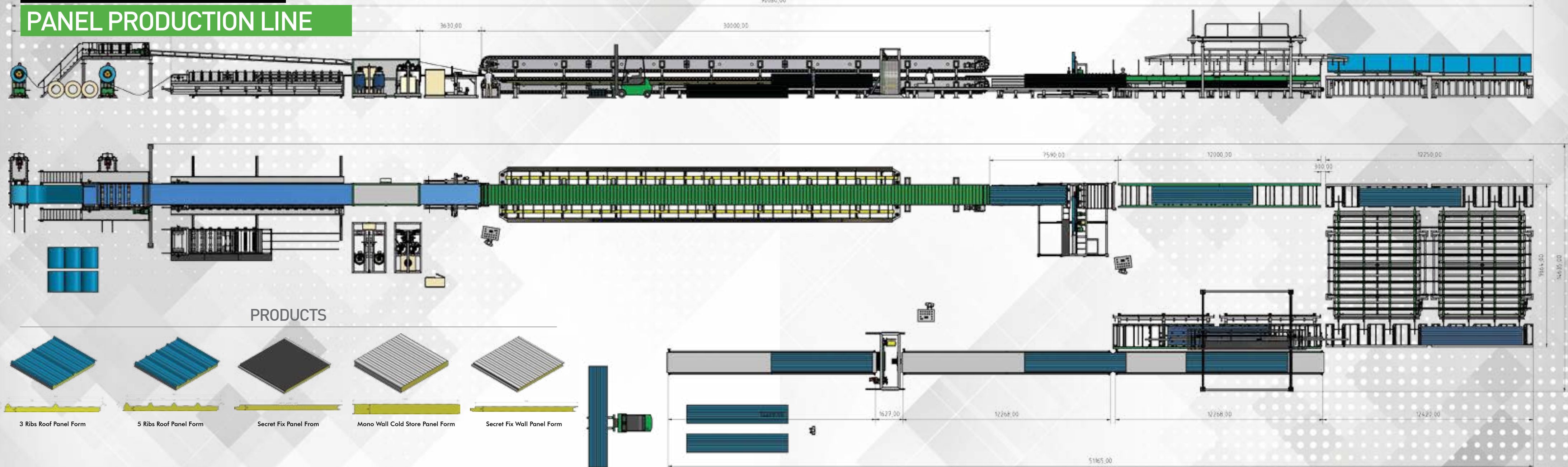
MAIN TECHNICAL DATAS

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
Structure of Roll Forming Machine	: Upper and lower pressing group producing with the pu complex mainframe
Forming System	: Continuous and automatic foaming, foaming capacity can be stepless adjustable.
Foaming Thickness	: 20 - 300 mm
Speed	: 0 - 16 mm / min
Way of the Controlling	: Siemens PLC Computerized controlling
Total Weight	: about 160 Ton
Total Length	: about 85 meter

PU-PIR SANDWICH PANEL PRODUCTION LINE



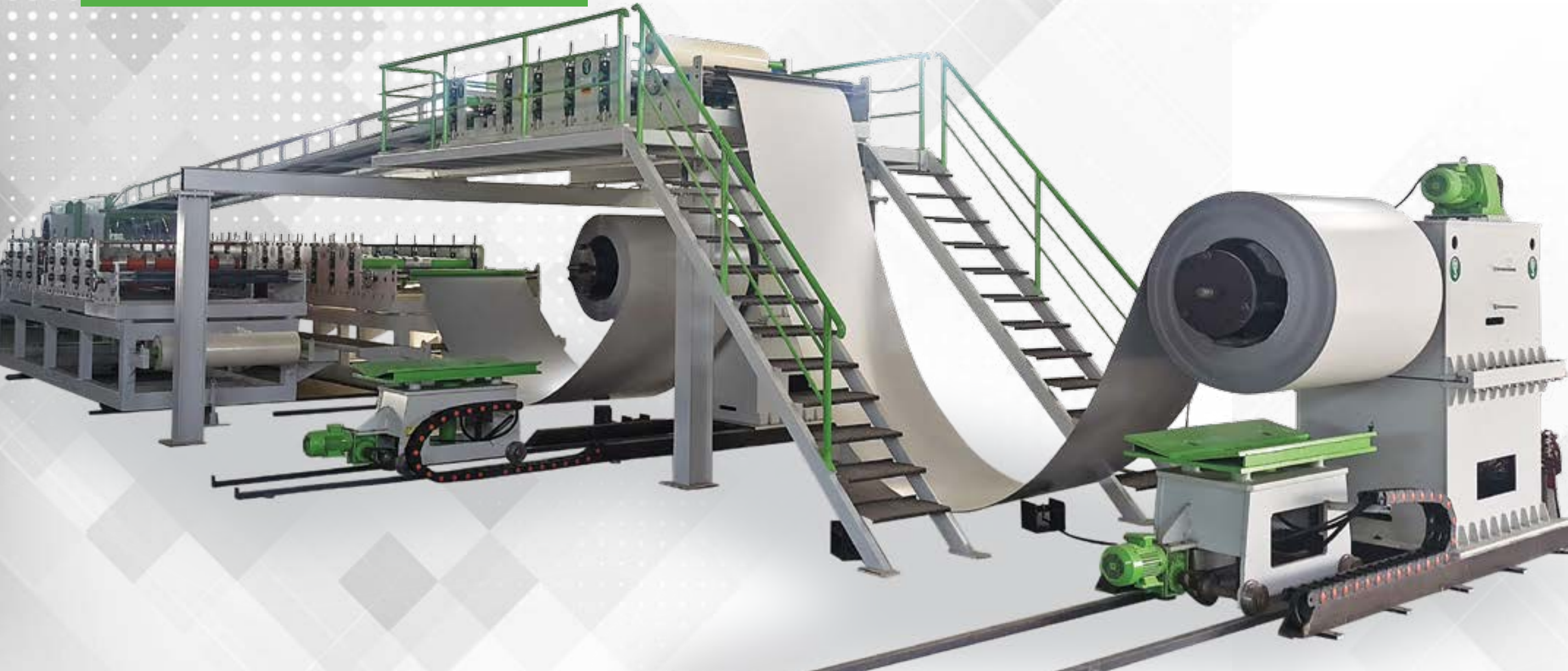
PU-PIR SANDWICH PANEL PRODUCTION LINE



PRODUCTS



PU-PIR SANDWICH
PANEL PRODUCTION LINE



Type of Production	Sandwich panels insulated with PU and PIR foam		
Type of Instutaion	Polyurethane		
	Rigid PUR blend - class B2/B3	Foam density	38 ÷ 45 kg/m
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	13 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
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



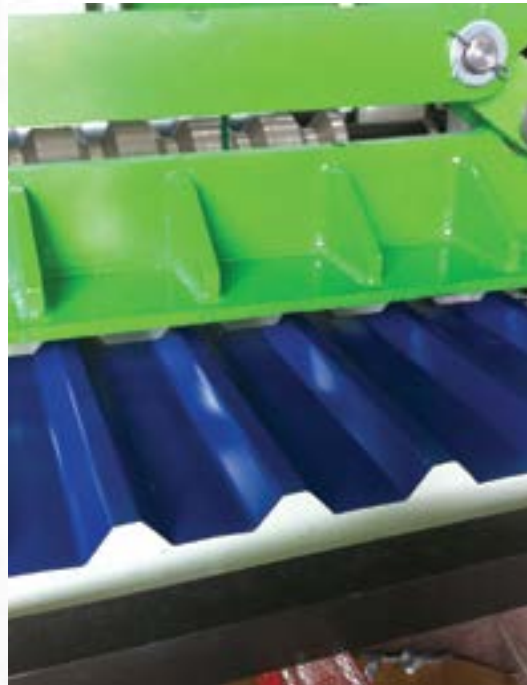
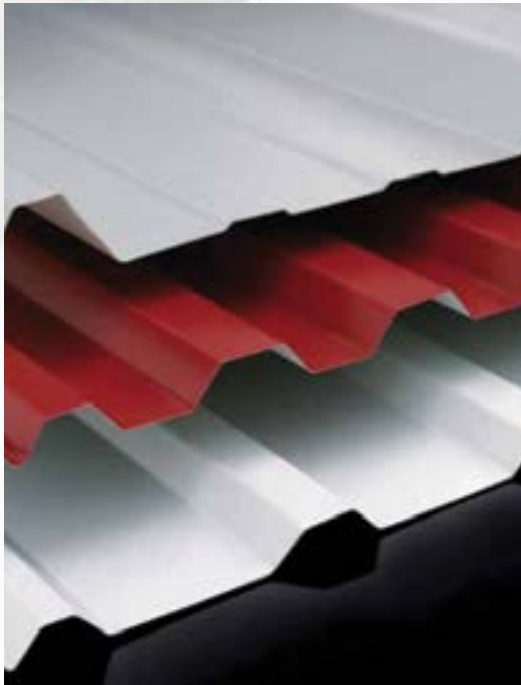
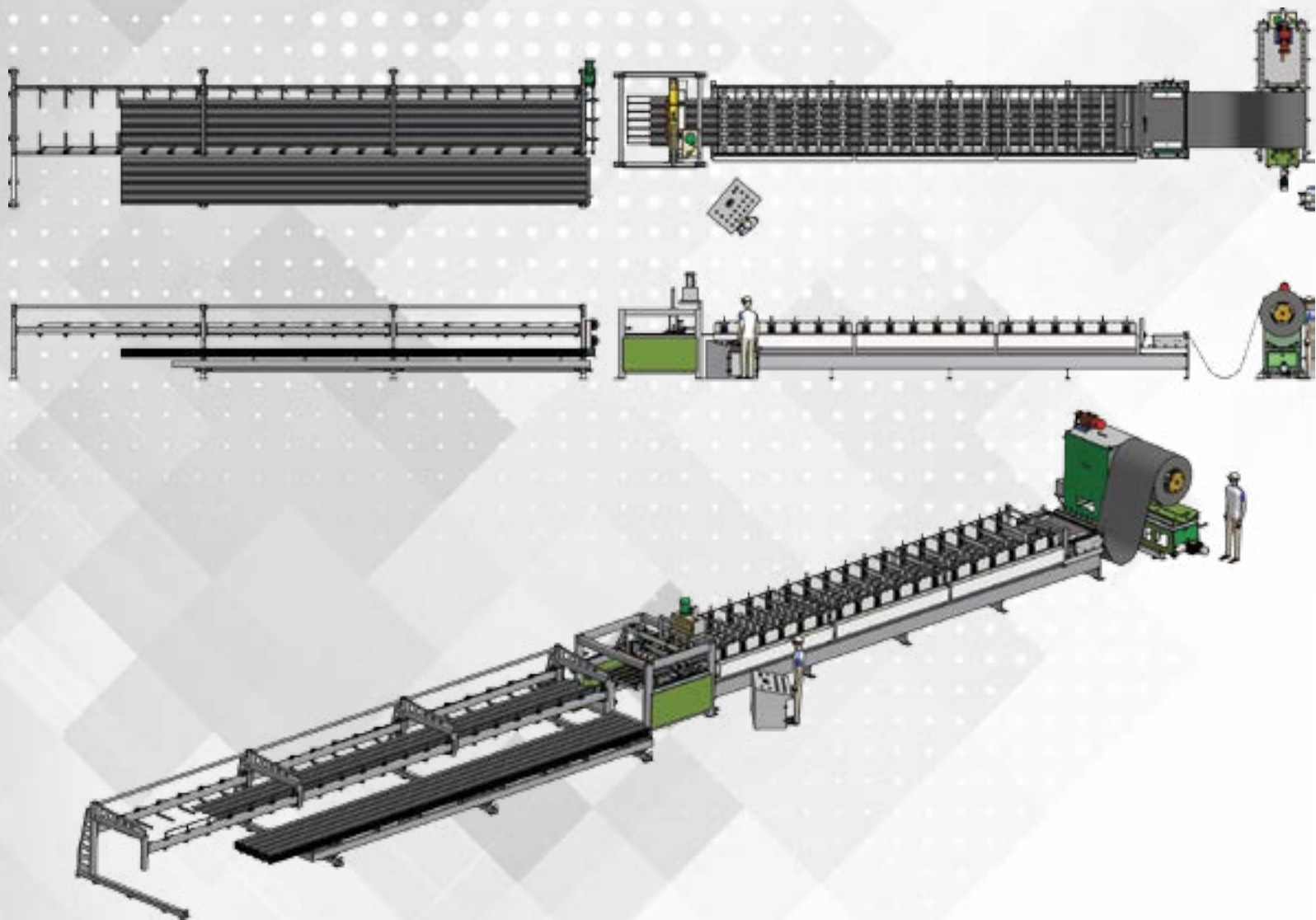
TRAPEZOIDAL SHEET ROLL FORMING MACHINE

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.

%100
INTEGRITY



TRAPEZOIDAL SHEET ROLL FORMING MACHINE



TRAPEZOIDAL SHEET ROLL FORMING MACHINE PROPERTIES

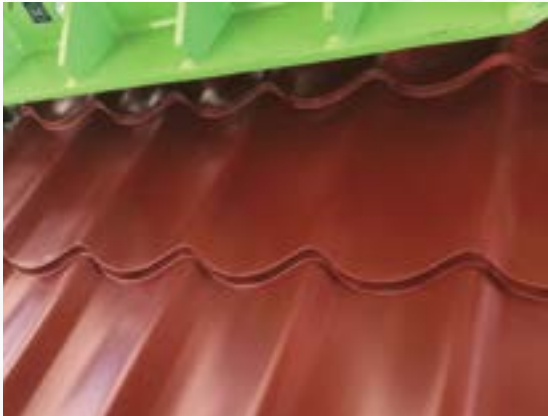
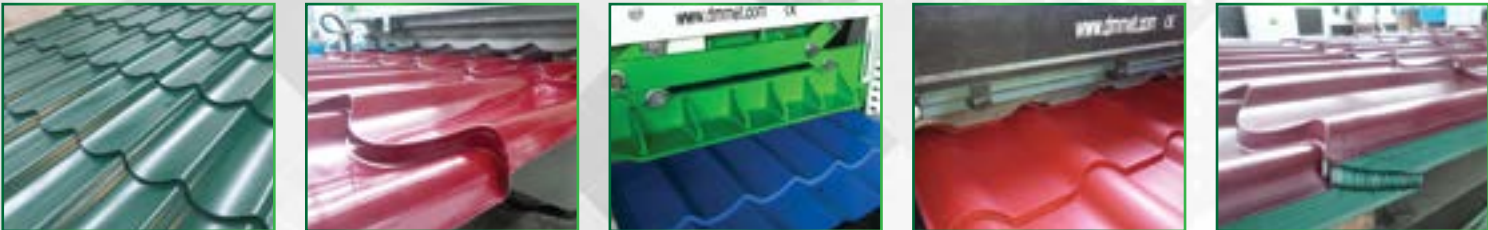
Coil Metarial	Coil	Color Steel, Galvanised
	Coil Thickless	0,3 - 0,8 mm
	Coil Width	1000 - 1200 - 1250 mm, Customized
	Yield Strenth	250 - 350 Mpa
Decoiler and Coil Car	Decoiller Type	Manual or hydraulic or automatic type
	Weight Capacity	10T,
Main Roll Forming	Forming Station	18 forming stations, depend on profiles
	Roller Material	High grade 45# steel, surface with hard chrome 0.05 mm
	Shaft Diameter	86 mm
	Drive Type	Chain Drive
	Forming Speed	0-25 m/min
	Main Power	7.5 KW
FLY Cutting Device	Cutting Type	Hydraulic cutting
	Cutting Die Material	SW 2375 steel, HRC58-62
Electrical System	Cutting Tolerance	+/- 1mm (10m)
	PLC Brand	Siemens S7 brand
	Inverter Brand	ABB brand
	Encoder	OMRON brand
Hydraulic System	Touch Screen	Siemens brand
	Hydraulic Station	Famous TURKEY Brand
	Hydraulic Power	4KW
Auto Stacker Max 13000 mm	Table Type	Pnomatik System
	Function of Table	To support the profile sheets after cutting

METAL TILE ROOF 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 designs. We can also create completely new product designs and innovations according to specific customer requirements.



%100
Satisfaction

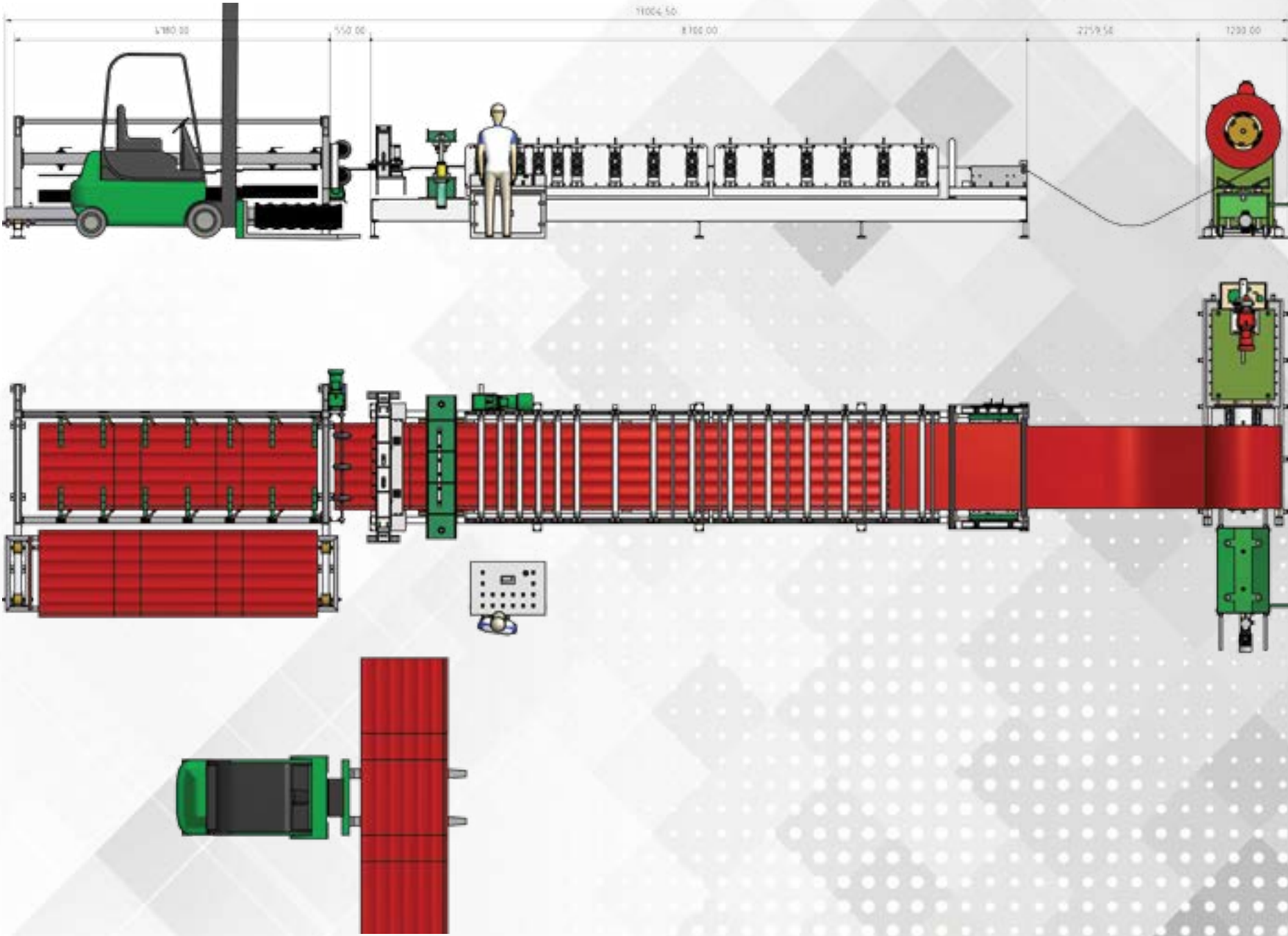
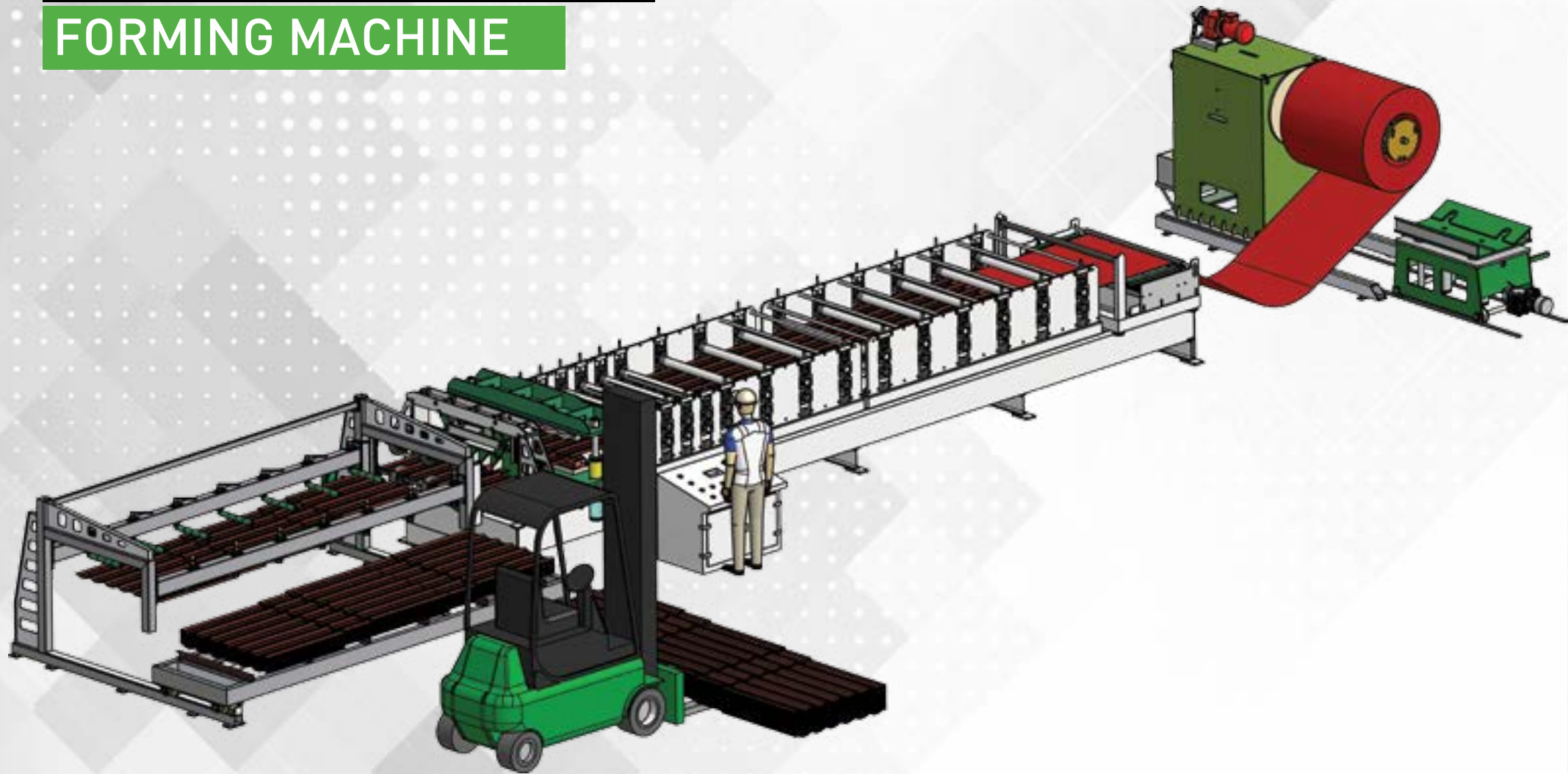


METAL TILE ROOF ROLL FORMING MACHINE PROPERTIES

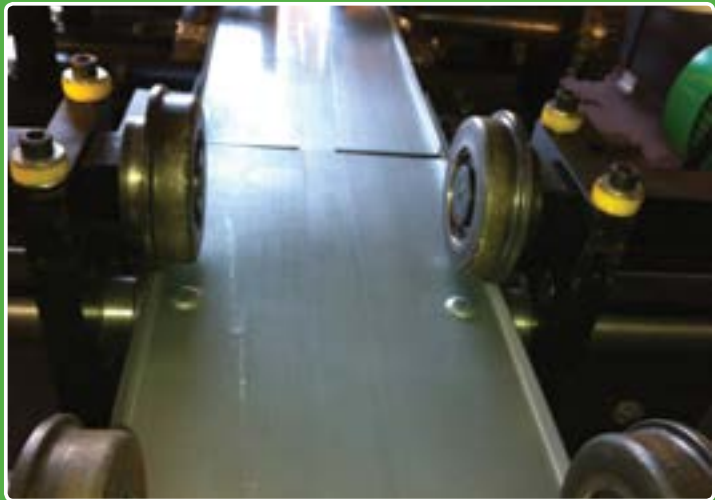
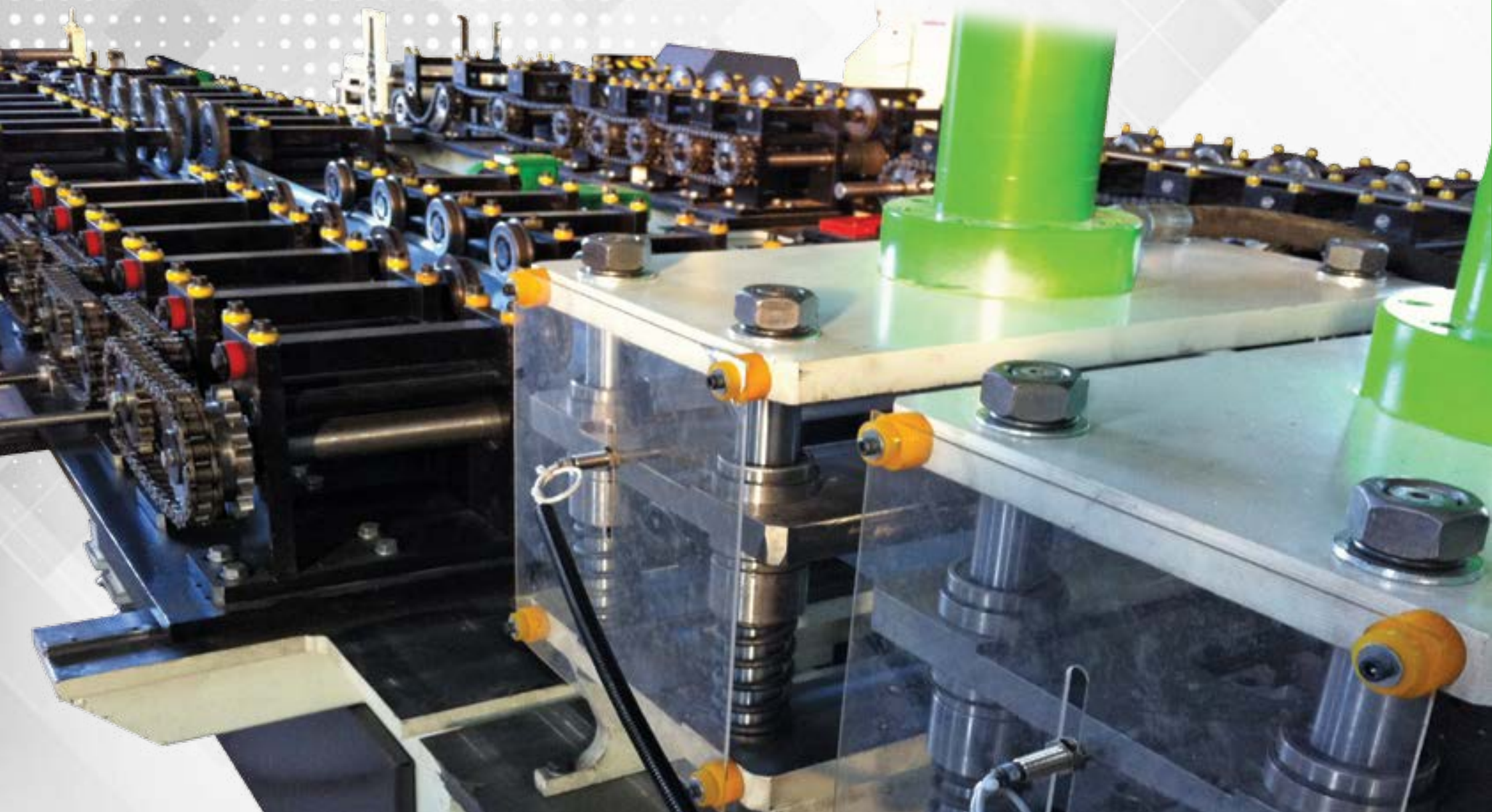
Material Thickness	0.3 - 0.7 mm
Material Width	Depend on Profile
Decoiler	Manuel Passive Uncoiler (Customer can choose hydraulic decoiler)
Weight Capacity of Uncoiler	10 Ton
Forming Station	1.2' chain transmission
Drive of Metal Roof Tile Roll Frm. Mac.	1.2' Stations (Depend on Profile)
Main Forming Power	5.5 KW
Hydraulic Power	4 KW
Roller Material	45# Forge Steel, Polished And Coated with 0.05 mm Hard Chrome
Principal Axis Diameter	86mm (Dpend on Profile)
PYC of Metal Tile Roll Forming Mac.	Siemens
Cutting Blade Material	12 Stations (Depend on Profile)
Auto Stacker Unit Pnomatic System	1,2' chain Transmission



METAL ROOF TILE ROLL FORMING MACHINE



FLEXIBLE U-C PURLIN MACHINE



**%100
Quality**

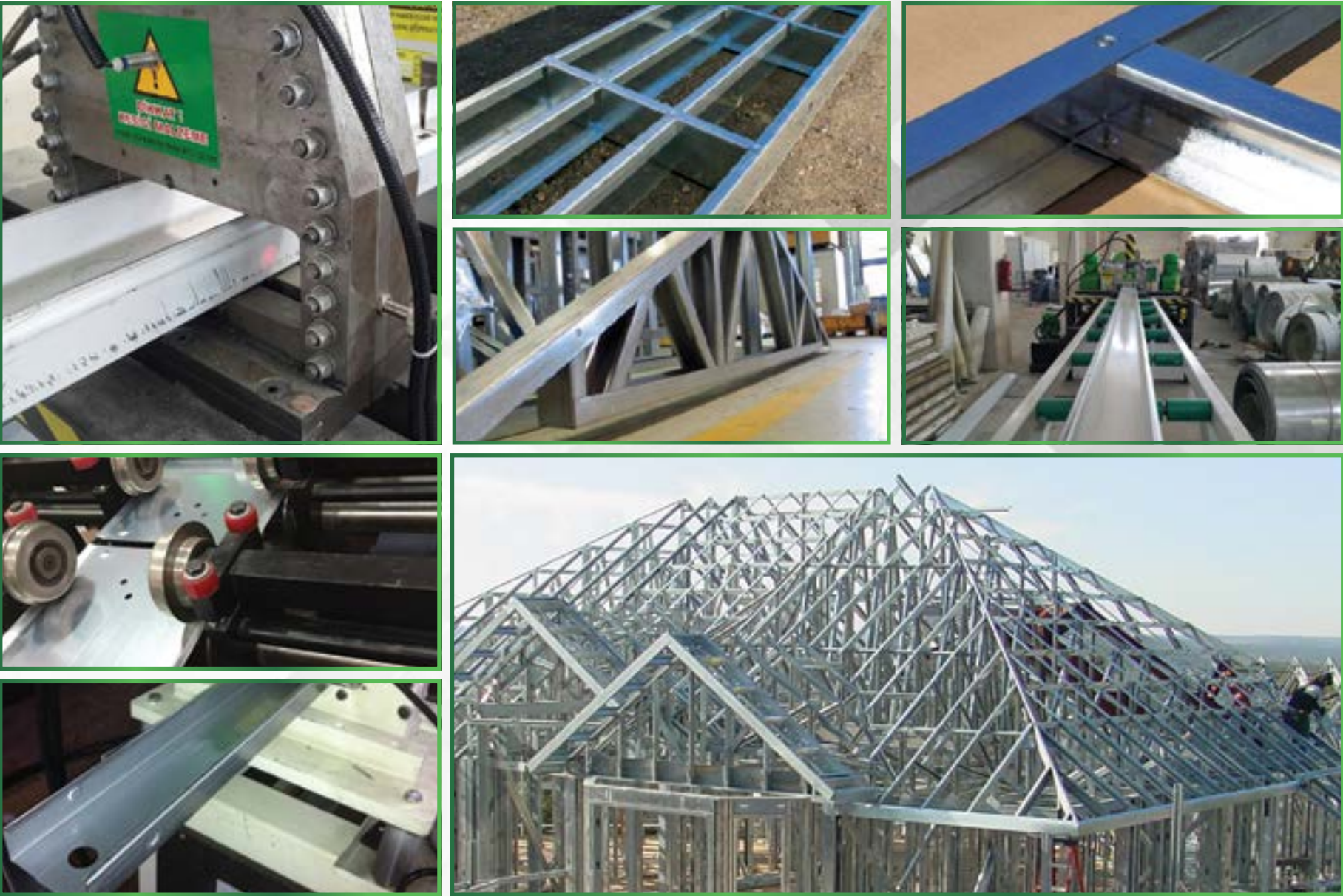
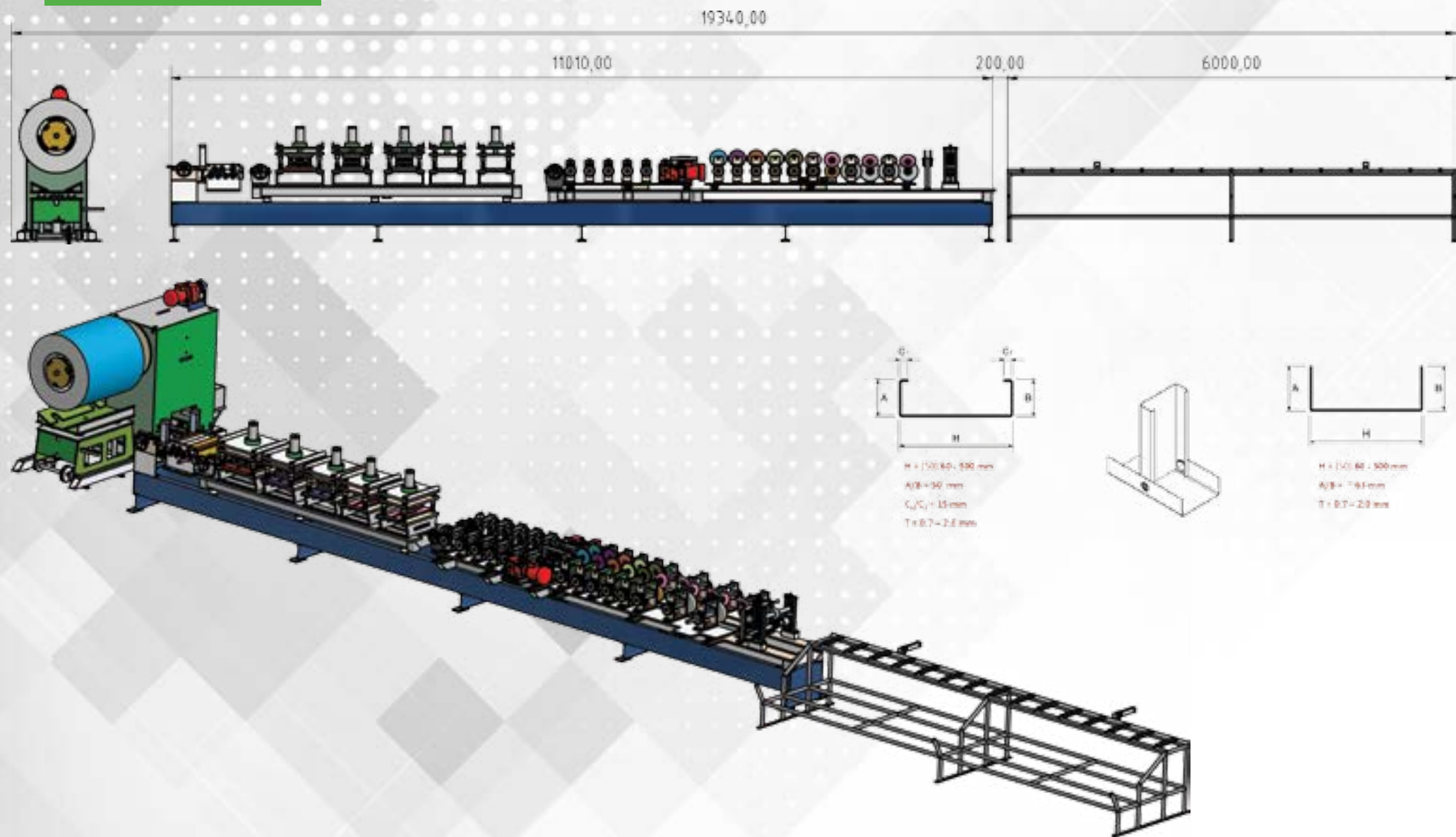
Pre-Punching and Pre-Cutting Purline Roll Forming Machine

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 ...

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-cutter)
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 customer decide the size of punching holes)
9	Reshaping Device
10	Run Out Table(4 PCS)
11	Tools
12	Operation Manual



FLEXIBLE U-C PURLIN MACHINE



CUT to LENGTH LINE

MACHINE

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.

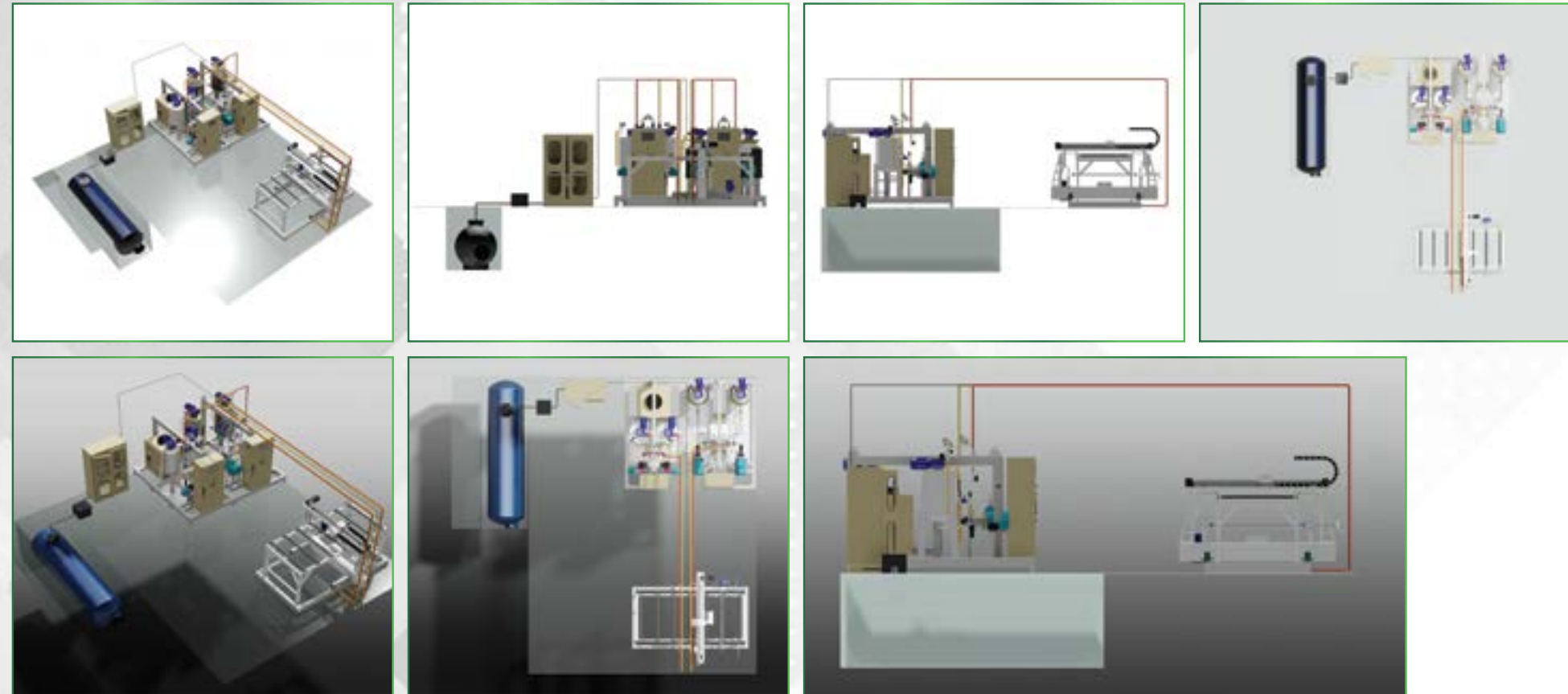


CONSISTS OF THE FOLLOWING UNITS

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



POLYURETHANE FOAM MACHINE



HIGH PRESSURE FOAMING MACHINE

DMMET GROUP high-pressure foaming machines are the right solution to the widest variety of applications and customer needs with a tailored design able to satisfy the production requirements.

PENTANE SYSTEMS

The need to reduce the environmental impact from greenhouse emissions policy of our company has the key point development, pushing DMMET GROUP to design a foaming machine helping those foam with hydrocarbons to sustainable development. However, choosing a machine for PU foaming with Pentane is always a very important choice. The experience of the DMMET GROUP has developed this series of foaming machines for making the only choice.



POLYURETHANE FOAM CONTINUOUS SLABSTOCK LINES



FORMING INNOVATION BY TECHNOLOGY



22
YEARS

“Forming Innovation By Technology”



DMMET GROUP®

dmmetas®
Teknoloji İthalat İhracat Anonim Şirketi

POLYURETHANE FOAM MACHINE

DMIMET®
engineering

SANDWICH PANEL LINE

dönem makina®

Arslanbey OSB. Yanı Bakırlı Mah. Nazım Demirci Cad. No: 368
Sarımese-Kartepe / KOCAELİ / TURKEY
Phone : +90 262 373 40 04
Fax : +90 262 373 44 84
E-mail : info@dmmet.com
E-mail : info@sandwichpanelline.com

