



**CEMAX**  
MÜHENDİSLİK

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**CEMAX**   
M Ü H E N D İ S L İ K

# CONTEN



**Cemax Engineering** has stepped to this sector by machining, caring, producing of hydraulic machine in 1993. Our sector has started to produce Metalworking machines by considering of our country's producers their expectations and their needs in 2001.

In 2003, The Fair Attendance has provided that our company knows this sector closely. **Cemax Engineering**, which searches and follows technology, provides education for workers, develops product and gives importance to Research-Development, has brought together all customers who prefer quality technological economical Metalworking machines.

## OUR MISSION

To be a world brand which reaches the power of competition about having an ability of producing original machine.

## OUR VISION

To produce durable and technological machines which are suitable for customer's needs by considering in a true way about Türkiye's and World's Metalworking machines.

# NTS

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# Drywall Profile Production Line

Gypsum board profile production line, insulation systems, partition wall construction, walls and ceiling coating, curtain wall or suspended ceiling construction, production of prefabricated structures, roof and warehouse coating, stores, offices... These are the lines that produce profiles with many more usage areas.



**Easy Setup**



**Affordable Cost**



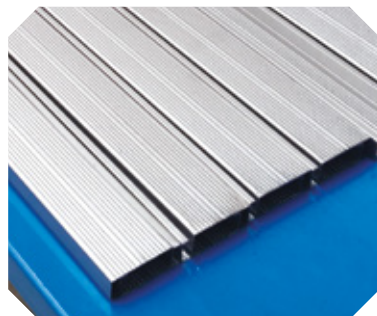
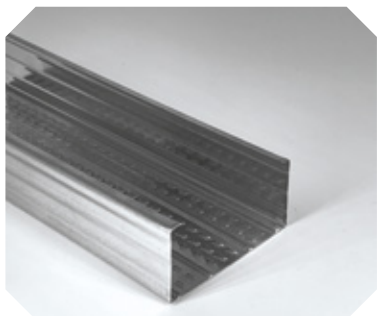
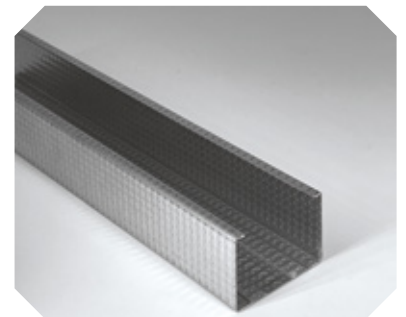
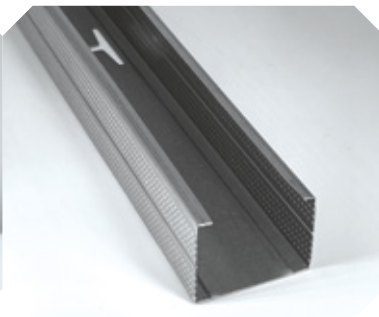
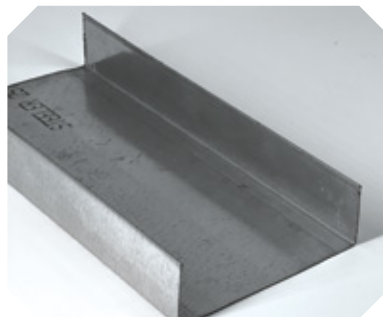
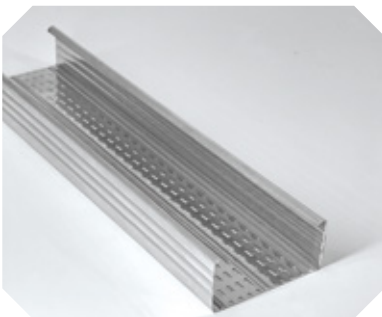
**Durable Material**



# Drywall Profile Production Line

Production Line Code	Production Line Equipment	Pullable Profiles	Number of Stations	Thickness of the Product to be Drawn	Production Line Speed
CMX-APH1-PLUS	Decoiler-Rollform-Cutting Unit- Profile Stacking Table	TU	6 Stations	0,3 mm-0,6 mm	60 m/min
CMX-APH2-ECO	Decoiler-Rollform-Cutting Unit- Profile Stacking Table	TU	6 Stations	0,3 mm-0,6 mm	40 m/min
CMX-APH3-PLUS	Decoiler-Rollform-Cutting Unit- Profile Stacking Table	DU	8 Stations	0,3 mm-0,6 mm	60 m/min
CMX-APH4-ECO	Decoiler-Rollform-Cutting Unit- Profile Stacking Table	DU	8 Stations	0,3 mm-0,6 mm	40 m/min
CMX-APH5-PLUS	Decoiler-Rollform-Cutting Unit- Profile Stacking Table	TU-TC-DU	10 Stations	0,3 mm-0,6 mm	60 m/min
CMX-APH6-ECO	Decoiler-Rollform-Cutting Unit- Profile Stacking Table	TU-TC-DU	10 Stations	0,3 mm-0,6 mm	40 m/min

## Profile Pictures



# Drywall Profile Production Line

Production Line Code	Production Line Equipment	Pullable Profiles	Number of Stations	Thickness of the Product to be Drawn	Production Line Speed
CMX-APH7-PLUS	Decoiler-Rollform-Cutting Unit- Profile Stacking Table	TU-TC-DU-DC	12 Stations	0,3 mm-0,6 mm	60 m/min
CMX-APH8-ECO	Decoiler-Rollform-Cutting Unit- Profile Stacking Table	TU-TC-DU-DC	12 Stations	0,3 mm-0,6 mm	40 m/min
CMX-APH9-PLUS	Decoiler-Rollform-Cutting Unit- Profile Stacking Table	TU-TC-DU-DC	14 Stations	0,3 mm-0,6 mm	60 m/min
CMX-APH10-ECO	Decoiler-Rollform-Cutting Unit- Profile Stacking Table	TU-TC-DU-DC	14 Stations	0,3 mm-0,6 mm	40 m/min
CMX-APH11-PLUS	Decoiler-Rollform-Cutting Unit- Profile Stacking Table	TU-TC-DU-DC	16 Stations	0,3 mm-0,6 mm	60 m/min
CMX-APH12-ECO	Decoiler-Rollform-Cutting Unit- Profile Stacking Table	TU-TC-DU-DC	16 Stations	0,3 mm-0,6 mm	40 m/min
*Note: Equipment may change according to the profile you want to produce or according to your request.					

## Optional Equipment

Decoiler	Tunnel	Press	Rollform	Cutting Unit
Number of Changeable Caps	Tunnel Width	Press Capacity	Number Of Station	Servo System
Variable Weight Capacity	Tunnel Height	Servo Drive System	Cassette/Cassettless	Pneumatic System
Changeable Roll Clamping System			Punching Unit	Angled Fire Cut
Attachable Sheet Sliding System				

# Corner Profile Production Line

These are the lines that produce profiles made of galvanized sheet, which are used to protect the outer corners against impacts in gypsum board systems and to create a smooth corner detail.



**Easy Setup**

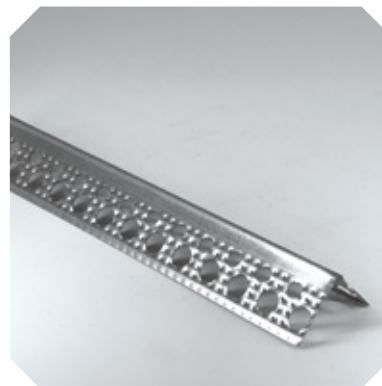
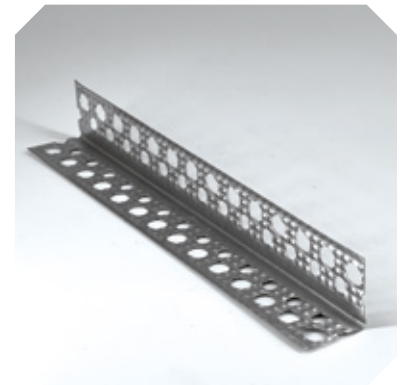


**Affordable Cost**



**Durable Material**

## Profile Pictures



# Corner Profile Production Line

Production Line Code	Product Description	Profile	Number of Stations	Technical Specifications	Thickness of the Product to be Drawn	Production Line Speed
CMX-KPH1-PLUS	Plaster Corner Profile Production Line	Plaster Corner Profile	6 Stations	Decoiler-Tunnel-Eccentric Press-Tunnel-Rollform-Cut to Length-Stacking Table	0,3 mm-0,5 mm	30m/min-50m/min
CMX-KPH2-PLUS	Plaster Corner Profile Production Line	Gypsum Corner Profile	6 Stations	Decoiler-Tunnel-Eccentric Press-Tunnel-Rollform-Cut to Length-Stacking Table	0,3 mm-0,5 mm	30m/min-50m/min
CMX-KPH3-PLUS	Plaster Corner Profile Production Line	Gauge Profile	8 Stations	Decoiler-Tunnel-Eccentric Press-Tunnel-Rollform-Cut to Length-Stacking Table	0,3 mm-0,5 mm	30m/min-50m/min
CMX-KPH4-PLUS	Plaster Corner Profile Production Line	Gypsum Corner Profile	6 Stations	Decoiler-Tunnel-Eccentric Press-Tunnel-Rollform-Cut to Length-Stacking Table	0,3 mm-0,5 mm	85m/min
CMX-KPH5-PLUS	Gypsum Corner Profile Production Line	Gauge Profile	6 Stations	Decoiler-Tunnel-Eccentric Press-Tunnel-Rollform-Cut to Length-Stacking Table	0,3 mm-0,5 mm	85m/min

## Optional Equipment

Decoiler	Intermediate Tunnel	Press	Rollform	Cutting Unit
Number of Changeable Titles	Tunnel Width	Press Capacity	Number of Stations	Servo System
Variable Weight Capacity	Tunnel Height	Servo Drive System	Cassette/Cassetteless System	Pneumatic System
Changeable Roll Clamping System			Punching Unit	Angle Cutting - Cutting System With Waste
Attachable Sheet Sliding System				

# Rollform Lines

Rollform lines produce different profiles according to customer requests.

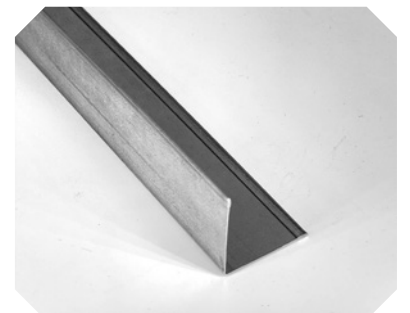
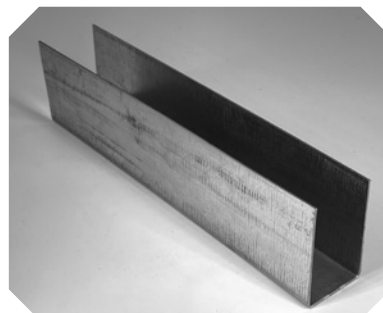
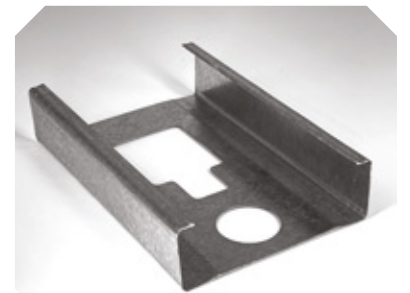
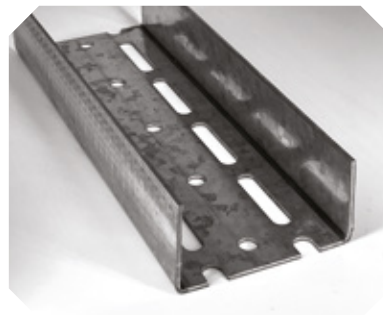


✓ Easy Setup

✓ Affordable Cost

✓ Durable Material

## Profile Pictures

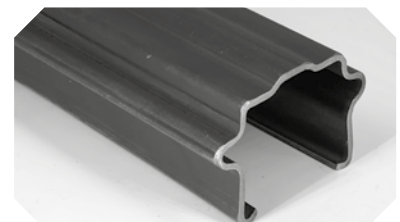
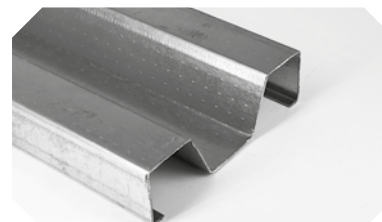
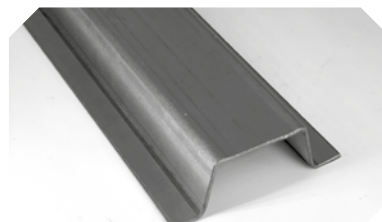


# Rollform Lines

Production Line Code	Product Description	Profile	Number Of Stations	Technical Specifications	Thickness of the Product to be Drawn	Production Line Speed
CMX-RH1-PLUS	Trellising Profile Production Line	Trellising Profile	12 Station	Decoiler-Rollform-Cutting Unit-Stacking Stand	0,5 mm-1,5 mm	60m/min
CMX-RH2-PLUS	Hanger And Support Profile Production Line	Hanger And Support Profile	12 Station	Decoiler-Rollform-Cutting Unit-Stacking Stand	0,5 mm-1,5 mm	60m/min
CMX-RH3-PLUS	Cable Tray Profile Production Line	Cable Tray Profile	14 Station	Decoiler-Rollform-Cutting Unit-Stacking Stand	0,5 mm-1,5 mm	60m/min
CMX-RH4-PLUS	Fence Profile Production Line	Fence Profile	12 Station	Decoiler-Rollform-Cutting Unit-Stacking Stand	0,5 mm-1,5 mm	60m/min
CMX-RH5-PLUS	Z Profile Production Line	Z Profile	12 Station	Decoiler-Rollform-Cutting Unit-Stacking Stand	0,5 mm-0,8 mm	60m/min
CMX-RH6-PLUS	Rough Plaster Profile Production Line	Plaster Finish Profile	10 Station	Decoiler-Rollform-Cutting Unit-Stacking Stand	0,35 mm-0,8 mm	60m/min
CMX-RH7-PLUS	Container and Prefabricated Profiles Production Line	Container and Prefabricated Profile	14 Station	Decoiler-Rollform-Cutting Unit-Stacking Stand	0,5 mm-1,5 mm	40m/min

## Optional Equipment

Uncoiler	Intermediate Tunnel	Press	Rollform	Cutting Unit
Number of changeable caps	Tunnel Width	Press Capacity	Number of Stations	Servo System
Variable weight capacity	Tunnel Height	Servo Drive System	Cassette/Cassetteless System	Pneumatic System
Interchangeable roller clamping system			Punching Unit	Angle Cutting - Cutting System With Waste
Attachable sheet sliding system				



# Roof Trapeze Production Line

Trapezoidal corrugated sheet metal is a building material usually made of metals such as steel or aluminum. This sheet refers to a profile with trapezoidal raised grooves or ridges on it. These trapezoidal grooves increase the strength of the sheet while also providing water drainage, durability and stability.



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# Roof Trapeze Production Line

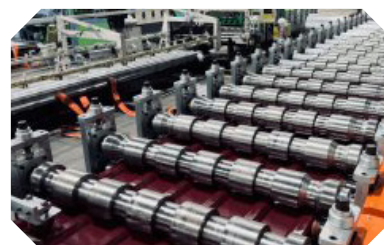
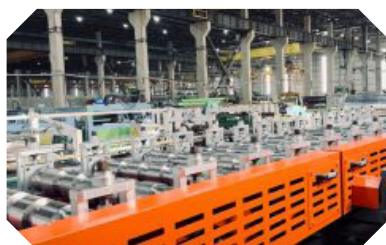
## PRODUCTION LINE CODE: CMX-TRP1-PLUS

### MACHINE TAPE OPENING UNIT

Capacity	10,000 kg
Max. Width	1300 mm
Roll Diameter	1200 mm
Inner Diameter of the Roll	Adjustable between 500mm and 610mm.
Clamping System	Hydraulic
Loading System	Hydraulic
Carriage Transport System	Hydraulic
Motor Power	7,5 kw
Hydraulic Unit Motor Power	3 kw

### ROLL FORMING

Number of Stations	20 Stations
Shaft Diameter	90 mm
Motion Transmission Mechanism	Chain gear
Rollers	Heat treated. Hardness at 50-52HRC
Sheet Thickness	Can be produced from galvanized and painted sheet within the range of 0.25 – 1.0 mm.
Motor Power	11+11 = 22 kw



# Roof Trapeze Production Line

## METAL CUTTING UNIT

Motion Mechanism	Servo motor driven flying shear
Cutting System	Hydraulic
Cut To Length Knife	Made of 2379 Tool Steel. Hardness at 58-60HRC
Hydraulic Unit Motor Power	5,5 kw
Conveyor Motor Power	2,2 kw
Servo Motor Power	7,5 kw Reducer

## DOCKING UNIT

Product Size	Can produce 12 meters long trapeze. Chassis part is produced modularly in 4 meter lengths.
Product Release Stand	There will be covers working up and down with a reducer motor.
Positioning	It is made with pneumatic piston. The product that falls down leans the product with the piston up to the resting nozzle.
Crane Side Advance Tool	Cut to length and completed products are brought under the crane. After the pallet is unloaded, it is taken to its place.
Fast Advancing System	The wheels that will not damage the product are opened and closed pneumatically. When the product arrives, it closes and starts to rotate. It opens when the product comes off the wheels. Waits for the next product.
Fast Forward Motor Power	0.55 kw
Product Release Stand Motor Power	2,2 kw
Crane Side Advance Tool	2,2 kw

## AUTOMATION

Servo Hardware	Omron branded.
Engine Equipment	Omron branded.
Switchgear	Siemens, Moller Branded.

## PRODUCTION SPEED

Production Speed Maximum	30 meters/minute
Production Speed Minimum	10 meters/minute

# Building Profile Accessory Production Line

Construction Profile accessory production line produces profiles used for fixing and mounting profiles in suspended ceiling applications and wall cladding systems.



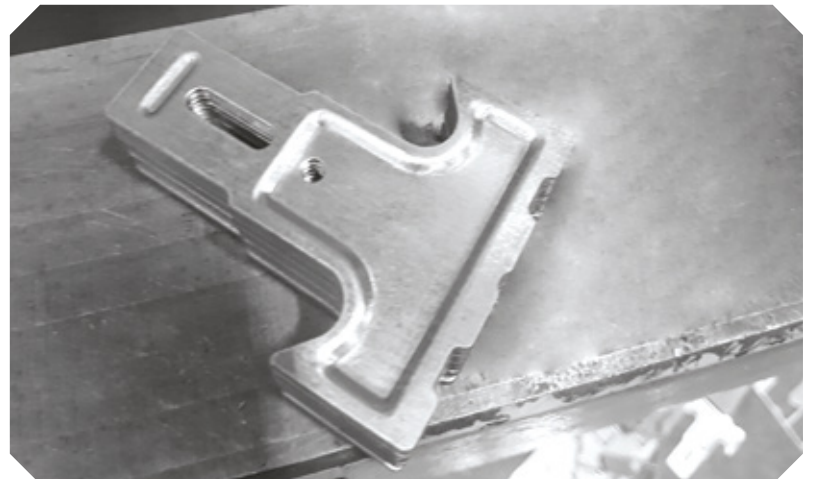
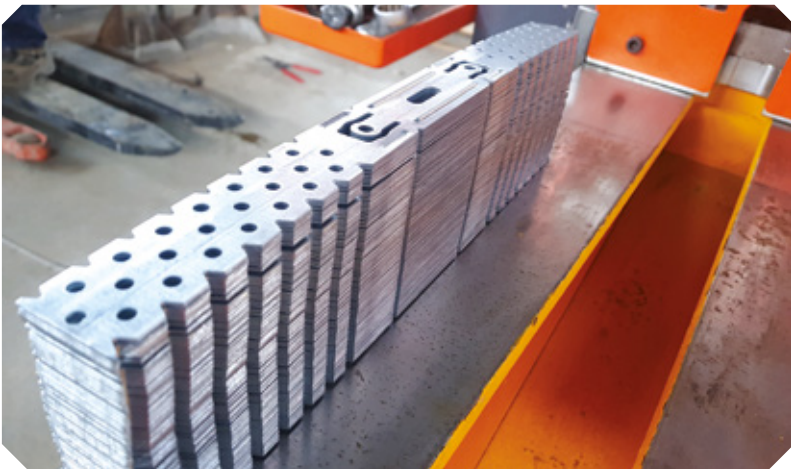
**Easy Setup**



**Affordable Cost**



**Durable Material**



# Building Profile Accessory Production Line

Production Line Code	Product Description	Drawable Profiles	Technical Specifications	Thickness Measurement Of The Product To Be Drawn
CMX-AKS1-PLUS	Profile Bracket Production Line	Agraf	Decoiler - Tunnel - Eccentric Press - Tunnel - Rollform - Stacking Stand	0,5 mm-1 mm
CMX-AKS2-PLUS	Angle Bracket CD Production Line	Clips	Decoiler - Tunnel - Eccentric Press - Tunnel - Rollform - Stacking Stand	0,5 mm-1 mm
CMX-AKS3-PLUS	Suspended Ceiling Double Spring Tong Production Line	Suspended Ceiling Double Spring Tong	Decoiler - Tunnel - Eccentric Press - Tunnel - Rollform - Stacking Stand	0,5 mm-1 mm
CMX-AKS4-PLUS	Suspended Ceiling single Spring Tong Production Line	Suspended Ceiling Single Spring Tong	Decoiler - Tunnel - Eccentric Press - Tunnel - Rollform - Stacking Stand	0,5 mm-1 mm
CMX-AKS5-PLUS	Hanger Tongs Profile Production Line	Hanger Tongs	Decoiler - Tunnel - Eccentric Press - Tunnel - Rollform - Stacking Stand	0,5 mm-1 mm
CMX-AKS6-PLUS	Section Connector Cd Production Line	Section Connector Cd	Decoiler - Tunnel - Eccentric Press - Tunnel - Rollform - Stacking Stand	0,5 mm-1 mm

## Optional Equipment

Decoiler	Tunnel	Press	Rollform	Cutting Unit
Number of Changeable Titles	Tunnel Width	Press Capacity	Number Of Station	Servo System
Variable Weight Capacity	Tunnel Height	Servo Drive System	Cassette/ Cassetteless System	Pneumatic System
Changeable Roll Clamping System			Punching Unit	Angled Fire Cut
Attachable Sheet Sliding System				



Forming Steel Roll Technologies

# Container and Prefabricated Profiled Production Line

Container chassis profiles form the basis of the structural integrity and durability of containers. Container Modular ensures the safe and long-lasting use of containers by producing high quality chassis profiles.



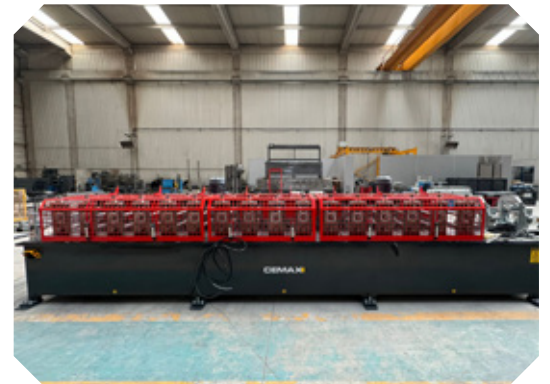
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# Container and Prefabricated Profiled Production Line

**PRODUCTION LINE CODE: CMX-PRF1-PLUS**

## MACHINE TAPE OPENING UNIT

Carrying Capacity	2,000 kg
Roll Width	350 mm
Roll Diameter	1300 mm
Clamping System	Manual Tightening
Floor Connection	Right and Left Sliding Coffee Table
Mandiren Closed and Open Dimension	450-550 mm
Working System	With Brake

## ROLLFORM

Number of Stations Machine	1 Station
Spindle Diameter/Length	50 mm / Max. 350 bands will be adjusted to enter the length.
Roller Group	Made of Ç4140 material with 56/58 Hrc hardness.
Gear Group	Made of Ç8620 material, bearing diameters are ground after heat treatment.
Bearings	Fag, Skf, Ors and equivalent are used.
Reducer	Yilmaz Branded
Sheet Thickness	0.7 - 1.0 mm and 0.8 - 1.2 mm thick galvanized metal can be drawn. Galvanized unpainted and painted profiles can be drawn.
Mold change from 60 to 100	Magnetic bushings will be made for two sizes of the same profile and change will be provided without dismantling the feet.

# Container and Prefabricated Profiled Production Line

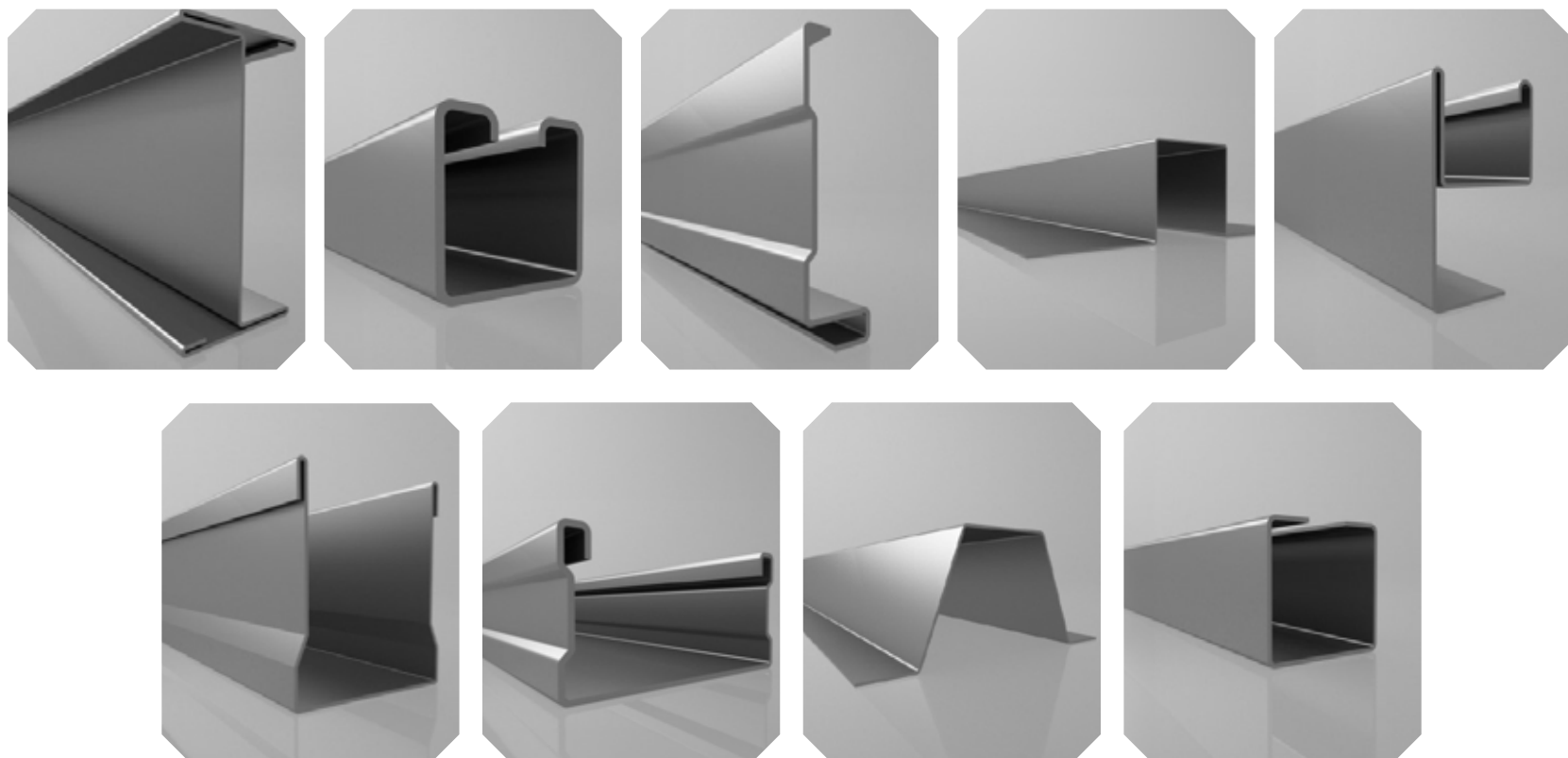
## AUTOMATION

Servo Hardware	Omron Branded.
Engine Equipment	Omron Branded.
Switchgear Material	Siemens, Moller Branded.

## CUT TO DIMENSION and CABLE HOLE PRESS

Movement Mechanism	Hydraulic working 10 tons pressing capacity cut to length.
Cut to Length Hole Mold	Made of 2379 tool steel, 58-60Hrc heat treatment and ground.
Hole Punching Mold	Made of 2379 tool steel, 58-60Hrc heat treated and ground.

## Profile Photos



# Acoustic Suspended Ceiling Production Line

Acoustic suspended ceiling production line; It is a line that produces acoustic suspended ceilings that provide decorative appearance and sound absorption performance in a single form in the repair and renovation works of buildings, business and shopping centers, cinema and theater halls and many other structures.



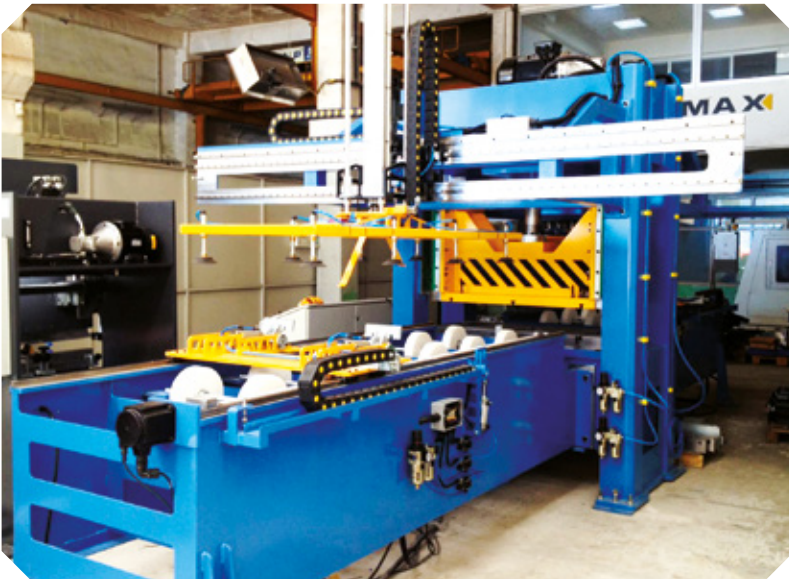
**Easy Setup**



**Affordable Cost**

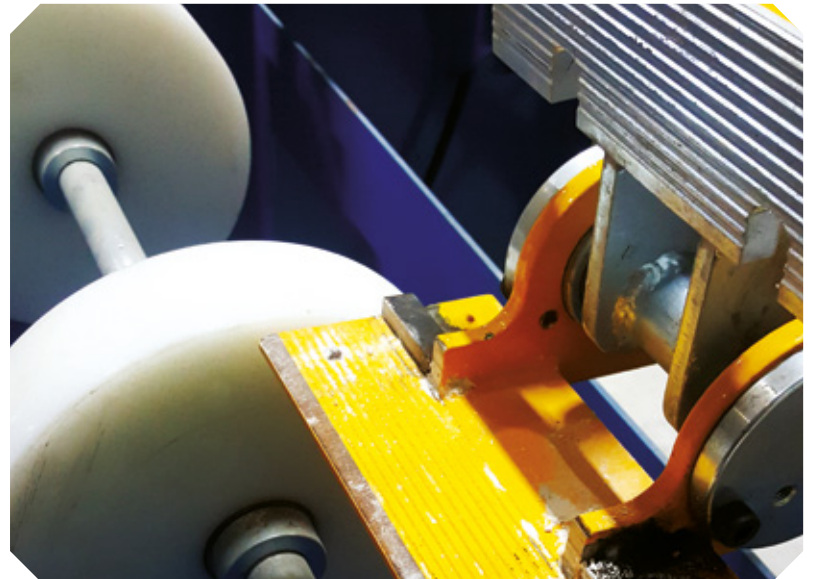
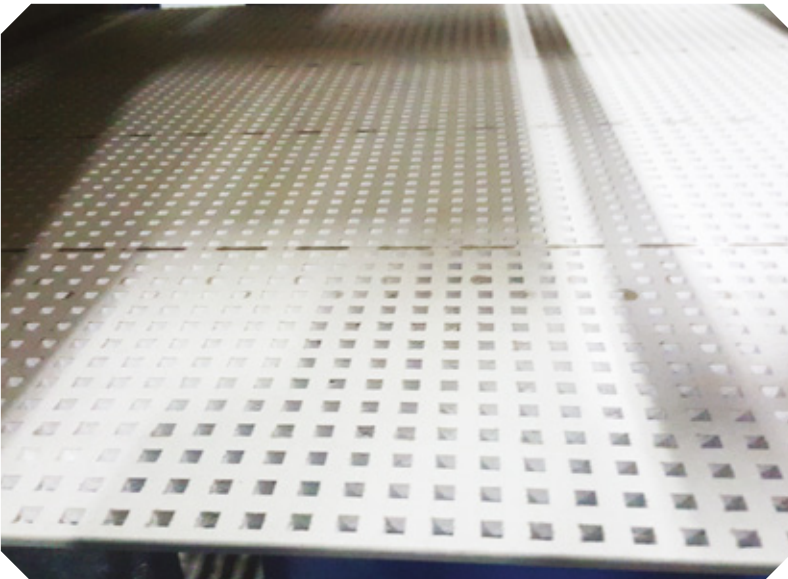


**Durable Material**



# Acoustic Suspended Ceiling Production Line

Production Line Code	Product Definition	Product Description	Technical Specifications	Product Thickness Dimension to be Shot	Piece Plate	Single Plate
CMX-ATH-PLUS	Acoustic Suspended Ceiling Production Line	Used for perforating gypsum boards.	H Type Hydraulic Press 8 Surface Sliding System	8-10-12 mm	30 cm* 30 cm	120 cm
					30 cm* 60 cm	
					30 cm* 90 cm	
					30 cm* 120 cm	
					60 cm* 60 cm	
					60 cm* 90 cm	
					60 cm* 120 cm	
					120 cm* 120 cm	



# Project Specific Production Lines

Project-specific production lines are machines and lines that produce the products you want for your projects with the design that is correctly analyzed according to customer needs and demands.



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Production Line Code	Product Description
CMX-PR1-PLUS	Cold Drawing Machine
CMX-PR2-PLUS	Roller Straightening Machine
CMX-PR3-PLUS	Hydraulic Bale Cutting Machine
CMX-PR4-PLUS	Extruder Cut to Length Machine

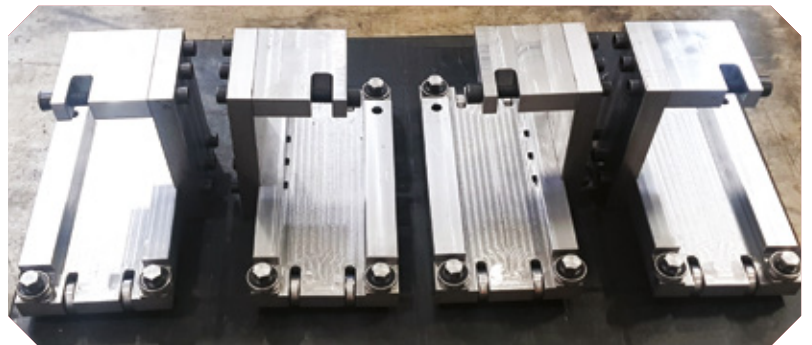
# Hydraulic Press



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Production Line Code	Product Description	Max. Pressure Force
HD-1	Hydraulic Press	It is determined according to demand and need.



NOTES





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