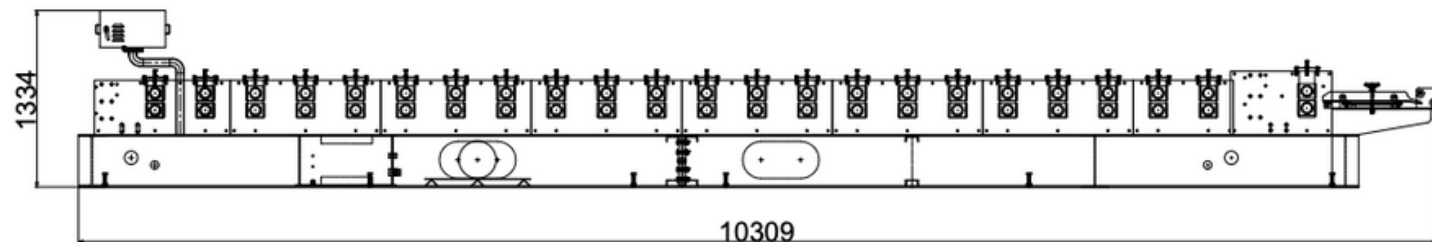
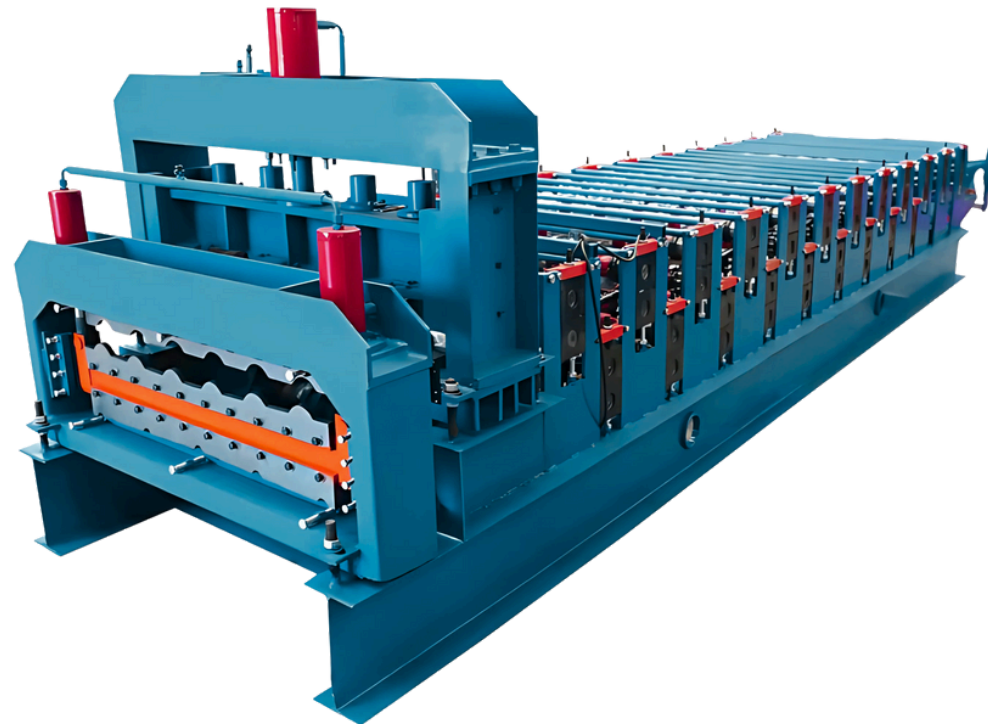


SINGLE LAYER ROLL FORMING MACHINE

A single-layer roll forming machine is a fundamental piece of equipment in the construction and manufacturing industry. As its name suggests, it is designed to produce one specific metal profile from a flat coil of material, such as steel, aluminum, or copper. The machine works by passing the metal sheet through a series of rollers that progressively shape it into the desired profile, whether it's for roofing, wall cladding, or structural components like purlins. Known for its simple structure and ease of operation, a single-layer machine is a cost-effective and reliable solution for manufacturers specializing in a single product line.



SPECIFICATIONS

Dimensions (LxWxH)	10500mm x 1700mm x 1400mm
Weight	8000 Kg
Output/Speed	18 m/min + 22 m/min
Number of Shafts	Depends on the profile
Diameter of Roller Shaft	Ø70 mm
Electric Power	5.5 Kw / 7.5 Hp

RAW MATERIAL SPECIFICATIONS

Thickness (mm)	0.25 mm - 0.6 mm
Effective Width (mm)	1200 mm
Hardness	G300 - G550

HYDRAULICS

Electric Motor (HP)	7.5 HP
Pump Head (cm³/v)	31 Cm ³ /v
Valve	2-speed valve
Oil Hose	Yokohama / Dynaflex
Cooling (Fan)	AH1012 (120 l/min)
Drive Motor (cc/v)	BM3 - 400 cc/rev
Pressure gauge (Kg/cm²)	250 Kg/cm ² (Japan)
Hydraulic oil R32 (Imported)	150L

COMPONENTS

Flat cutting blade	Ø80 x 150 ST
Shaped cutting blade	Ø80 x 150 ST
RS Chain	80
Push button	Anti-mold and dust, super durable for over 5 years (Idec - Japan)
Cutting blade	Special steel from Japan / Germany
Bearing	FBL / PBC / Net

CONTROL CABINET

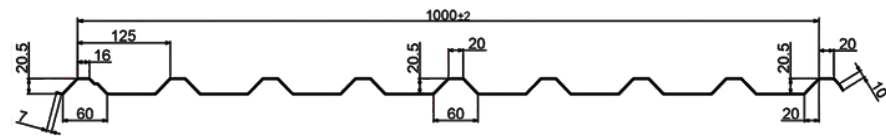
CB power supply	Fuji - Mitsu
Motor overload relay protection	Yes
Industrial controller (PLC)	Mitsubishi - Japan
Screen	7 inch - Weinlek - Taiwan
Hydraulic valve switching relay	10A - Idec - Izumi - Japan
Speed control manifold	No
Control cabinet	Space-saving wall-mounted cabinet
Counter	Omron / Autonics (360 Pulses / Revolution)
Buzzer	250VAC
Indicator light	250VAC
Electric wire	Vietnam

SINGLE LAYER ROLL FORMING MACHINE

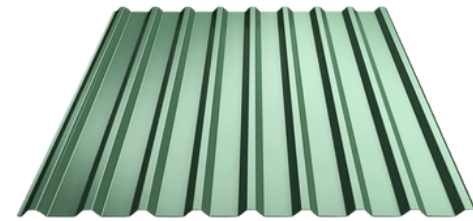
SINGLE LAYER ROLL FORMING MACHINE

PRODUCT PROFILE - FINISHED GOODS

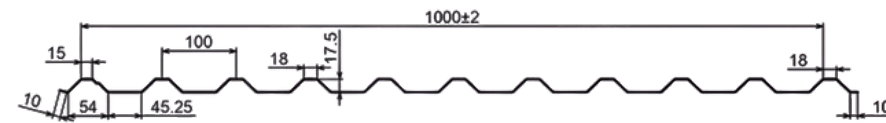
SQUARE WAVE PROFILE



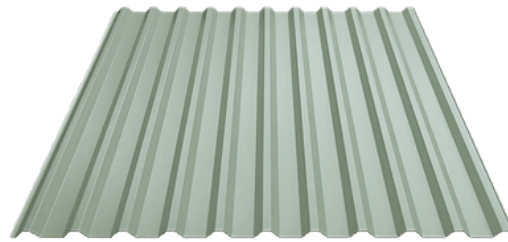
Biên dạng tôn 9 sóng 1 rìa H20.5 - khổ 1200



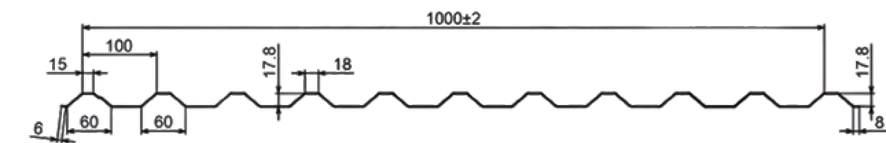
Thành phẩm tôn 9 sóng vuông



Biên dạng tôn 11 sóng 2 rìa C54 - H17.5 - khổ 1200

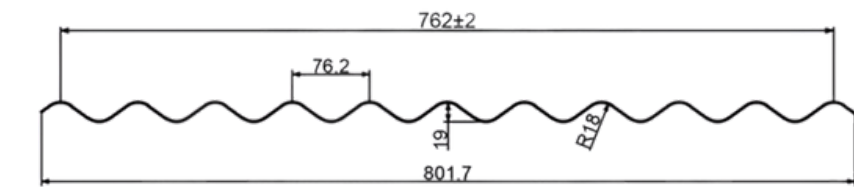


Thành phẩm tôn 11 sóng vuông



Biên dạng tôn 11 sóng 2 rìa C60 - H17.8 - khổ 1200

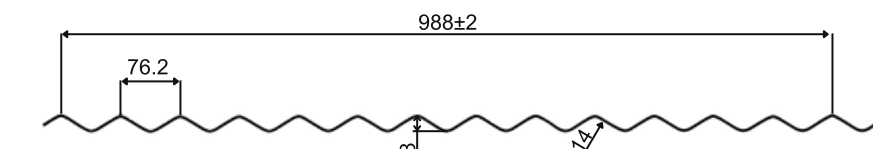
ROUND WAVE PROFILE



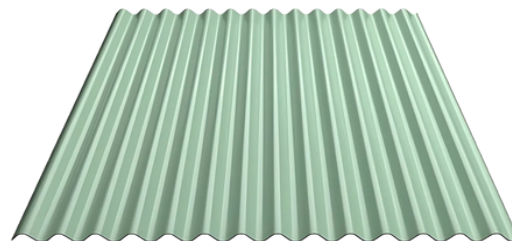
Biên dạng tôn 11 sóng tròn - H19 - Khổ 914



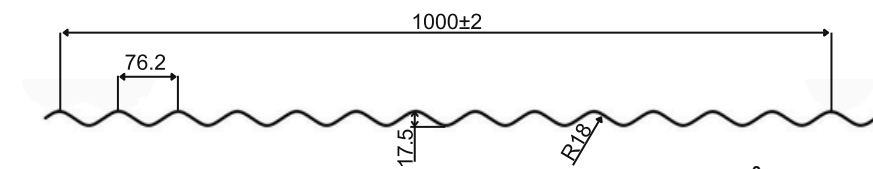
Thành phẩm tôn 11 sóng tròn



Biên dạng tôn 14.5 sóng tròn - H18 - Khổ 1200



Thành phẩm tôn 14.5 sóng tròn



Biên dạng tôn 14.5 sóng tròn - H17.5 - Khổ 1200

