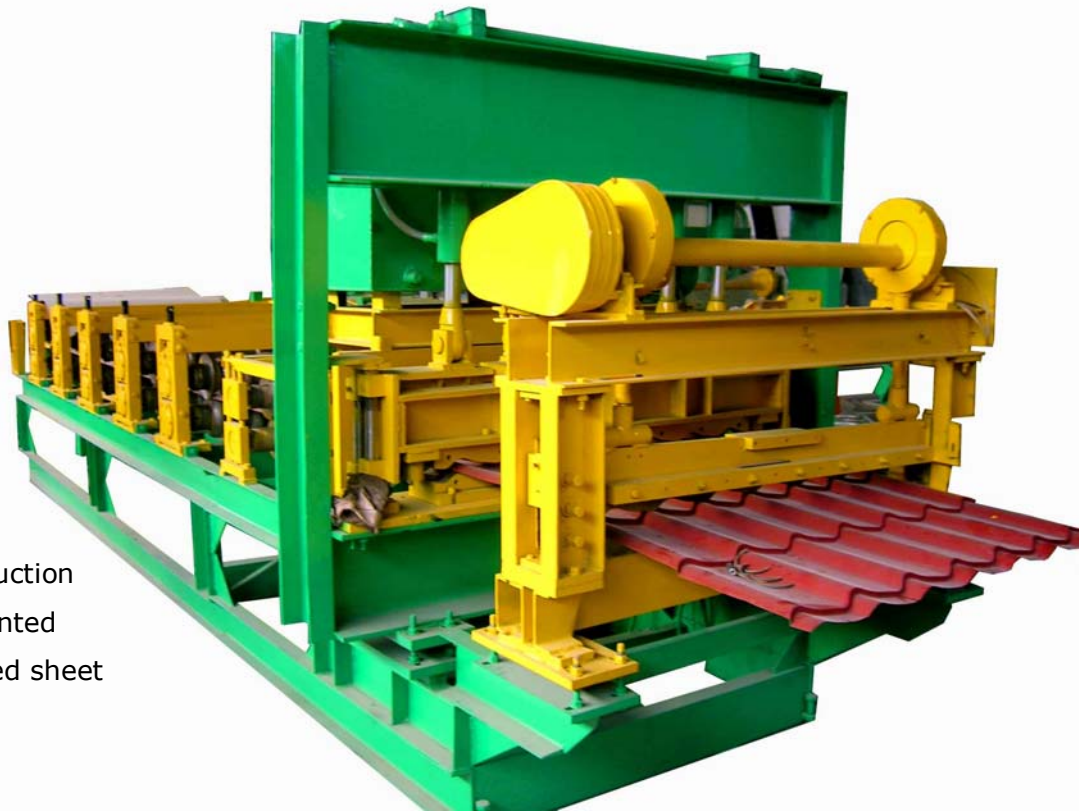


Roll forming machine for production of Monterrey metal tiles

Specifications:

- rolling rate: 0,33 m/s
- overall dimensions:
3750x3100x14000 mm
(width/height/length)
- width/height of metal tiles:
1185±8/24 mm

The line is used for production of galvanized and prepainted metal tiles and corrugated sheet



Roll forming machine for production of UD-28 profile

Specifications:

- rolling rate: 0,33 m/s
- weight: 1100 kg
- width/thickness/height of profile: 85/0,6/27 mm

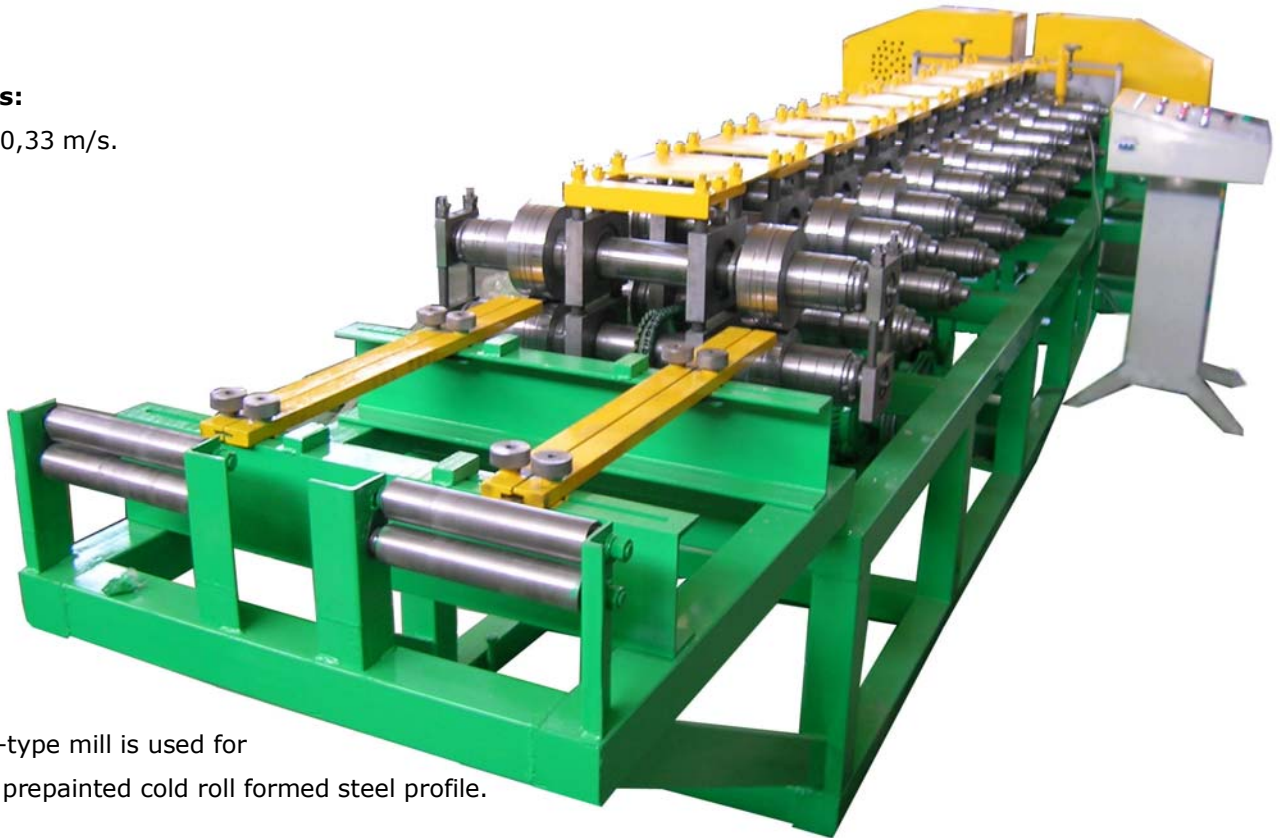
The mill is used for production of prepainted cold roll formed steel profile UD-28



Roll forming machine for production of mounting blocks (for cables)

Specifications:

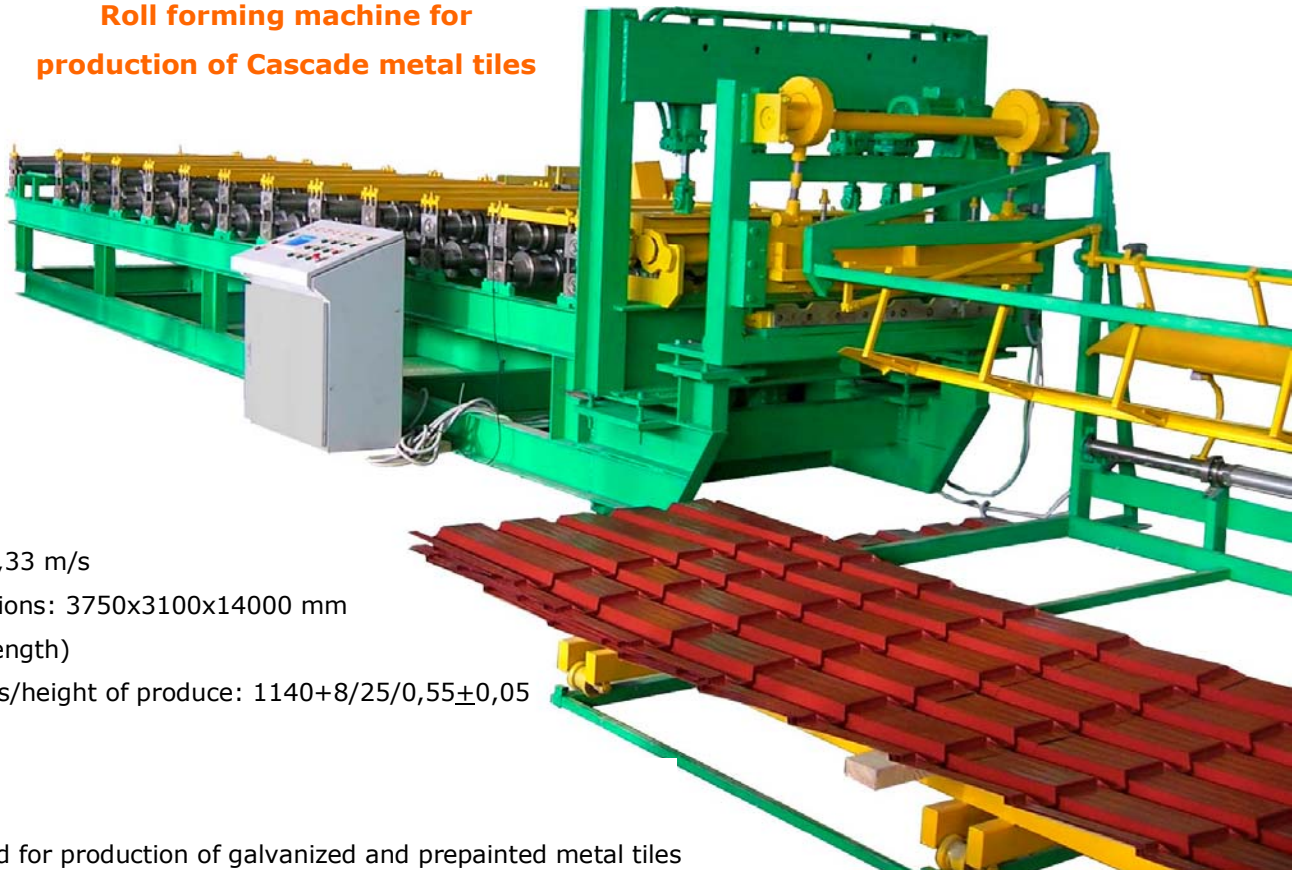
- rolling rate: 0,33 m/s.



The cantilever-type mill is used for production of prepainted cold roll formed steel profile.



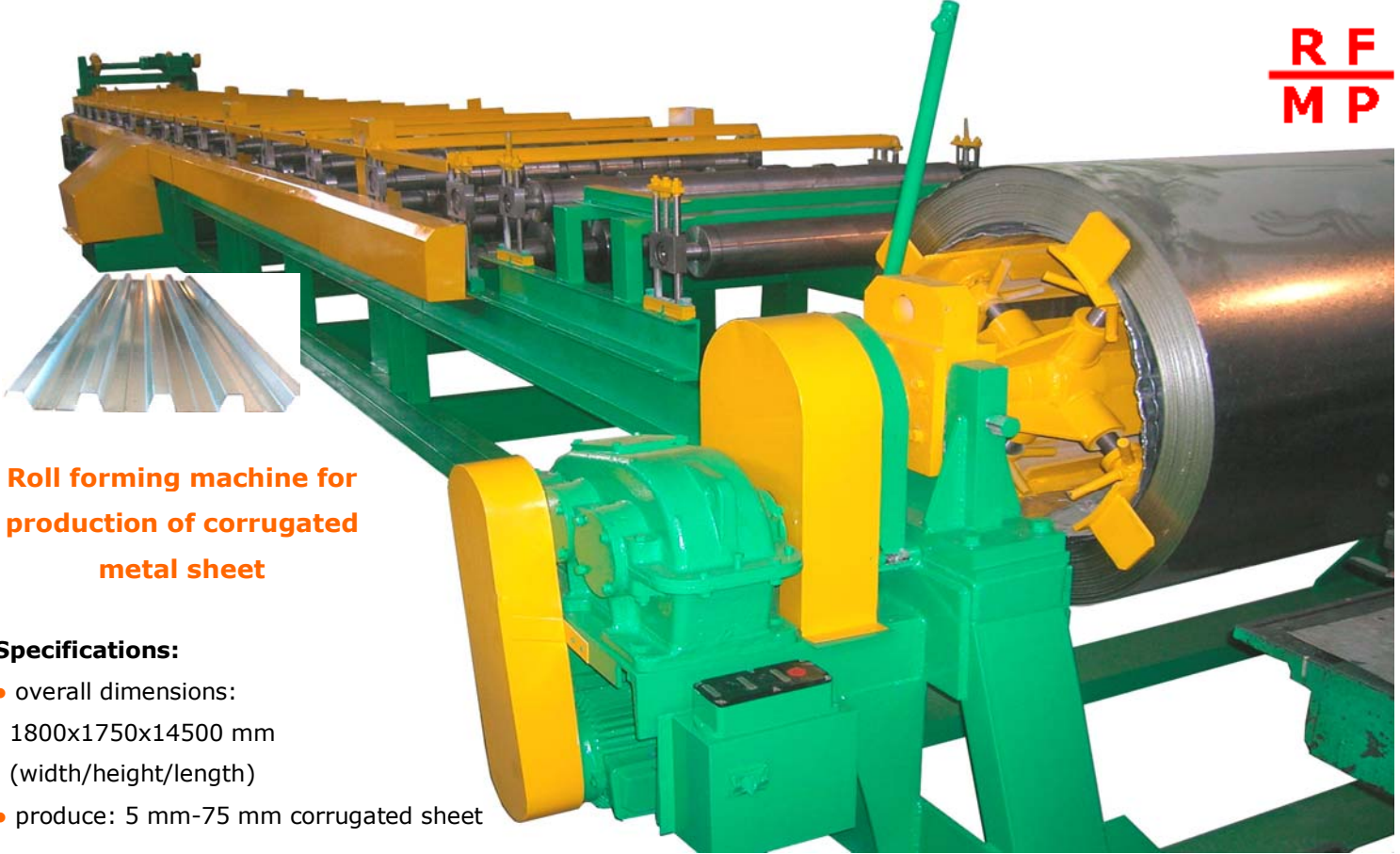
Roll forming machine for production of Cascade metal tiles



Specifications:

- rolling rate: 0,33 m/s
- overall dimensions: 3750x3100x14000 mm (width/high/length)
- width/thickness/height of produce: 1140+8/25/0,55±0,05

The line is used for production of galvanized and prepainted metal tiles and corrugated sheet.



Roll forming machine for production of corrugated metal sheet

Specifications:

- overall dimensions: 1800x1750x14500 mm (width/height/length)
- produce: 5 mm-75 mm corrugated sheet

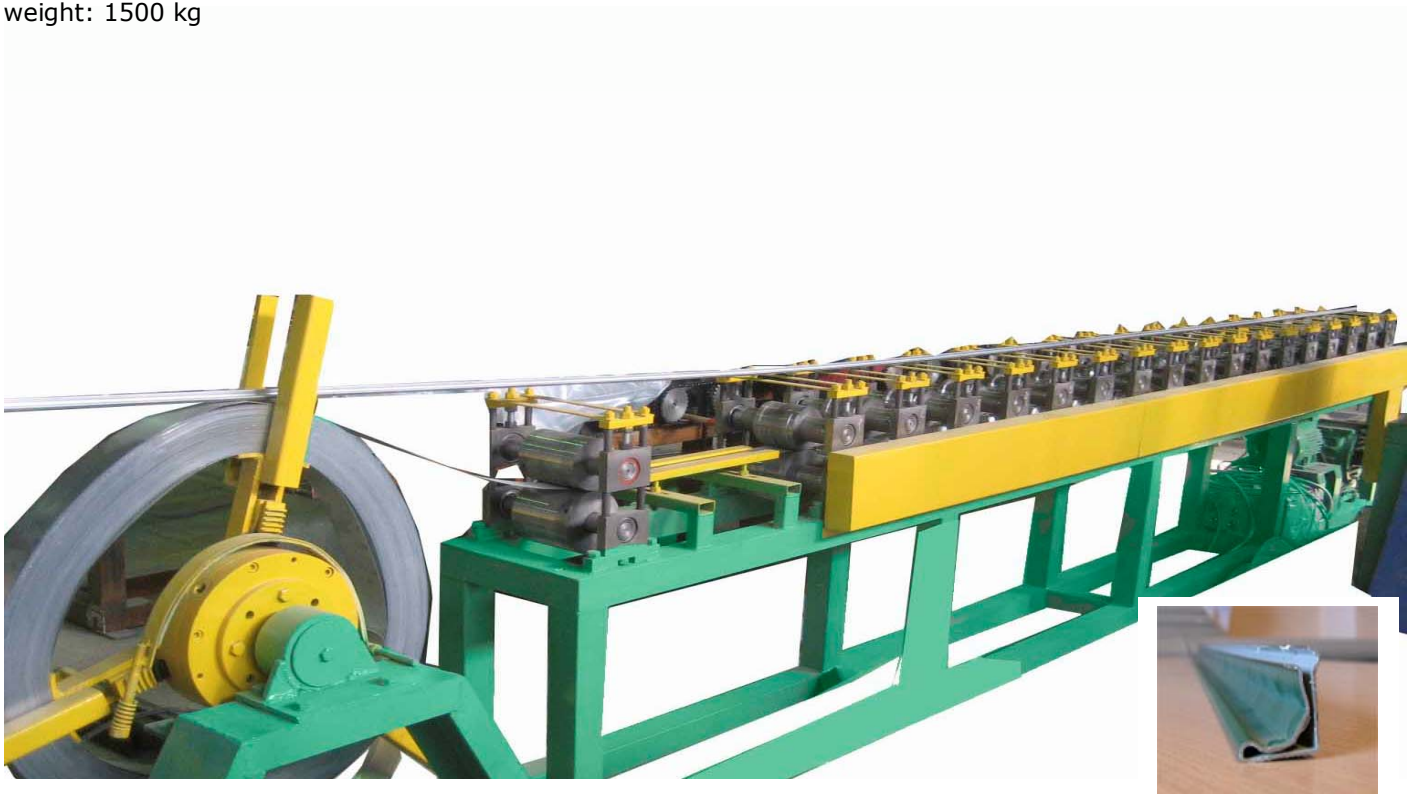
The machine is used for production of galvanized and prepainted corrugated metal sheets from coils. The height of the profile is from 5 mm up to 75 mm.

Roll forming machine for production of slip-joint (for joining parts of air ducts)

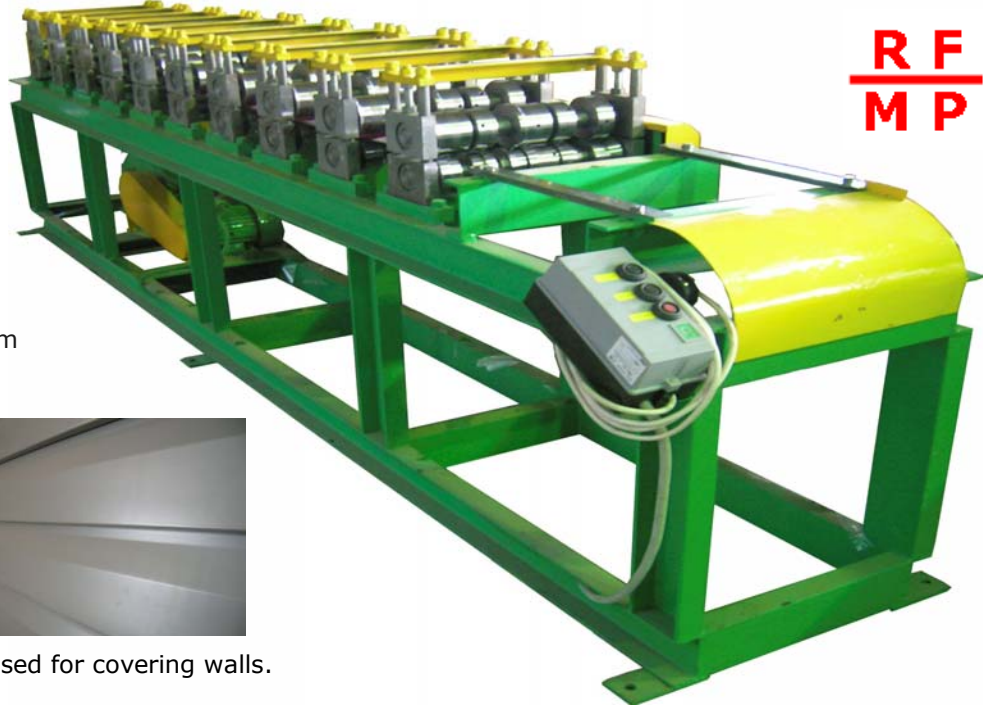
Specifications:

- rolling rate: 0,33 m/s
- weight: 1500 kg

The mill is used for production of galvanized cold roll formed steel profile.



Roll forming machine for production of siding



Specifications:

- rolling rate: 0,2 m/s
- overall dimensions: 1200x700x6410 mm (weight/height/length)
- drive: electrical
- weight: 1500 kg



The mill is used for production of siding used for covering walls.

Roll forming machine for production of metal profiles for fastening gypsum plasterboard

The line is used for production of cold roll formed steel profiles (UW 50-100, CW 50-100, CD 60, UD 28).



Roll forming machine with flying shears for production of metal profiles for fastening gypsum plasterboard



NEW!

Material: galvanized/prepainted coiled metal strips (width: 81, 121, 149, 157, 174, 182, 199, 207 mm; thickness: 0.5-0.7 mm).

12000 running meters per working shift!

Cantilever-type fold-rolling machine for lock-forming (used with round pipes)

Specifications:

- overall dimensions: 76/1770/2600 mm (width/height/length)
- weight: up to 900 kg
- productivity: up to 100 items per hour



The mill is used for fixation and sealing of the longitudinal seam of steel pipes

Machine for production of rectangular pipes and elbows

Specifications:

- overall dimensions: 600/1500/2000 mm (width/height/length)
- drive: pneumatic, hand or electromechanical
- weight: 500 kg



Bending machine for production of elbows from round pipes

Specifications:

- overall dimensions: 1060/600/1300 mm (width/height/length)
- drive: pneumatic
- weight: 120 kg

The machine allows to produce elbows with different bending angles.



**Bending machine for production of elbows
from rectangular pipes**

Specifications:

- overall dimensions: 600/1300/1060 mm (width/height/length)
- weight: 120 kg
- drive: pneumatic



The machine allows to produce elbows with different bending angles.



Table for production of fasteners (specially designed table, two hand presses, shears, drilling machine, set of special devices)

Specifications:

- overall dimensions: 900/1250/1800 mm (width/height/length)
- productivity: not less that 30 items per hour
- drive: hand or electromechanical
- maintenance staff: 2 people.

The table is used for production of fasteners for gutters and drainpipes.



Creasing machine with a set of rollers

Specifications:

- drive: hand or electrical
- overall dimensions: depend on the design of the machine

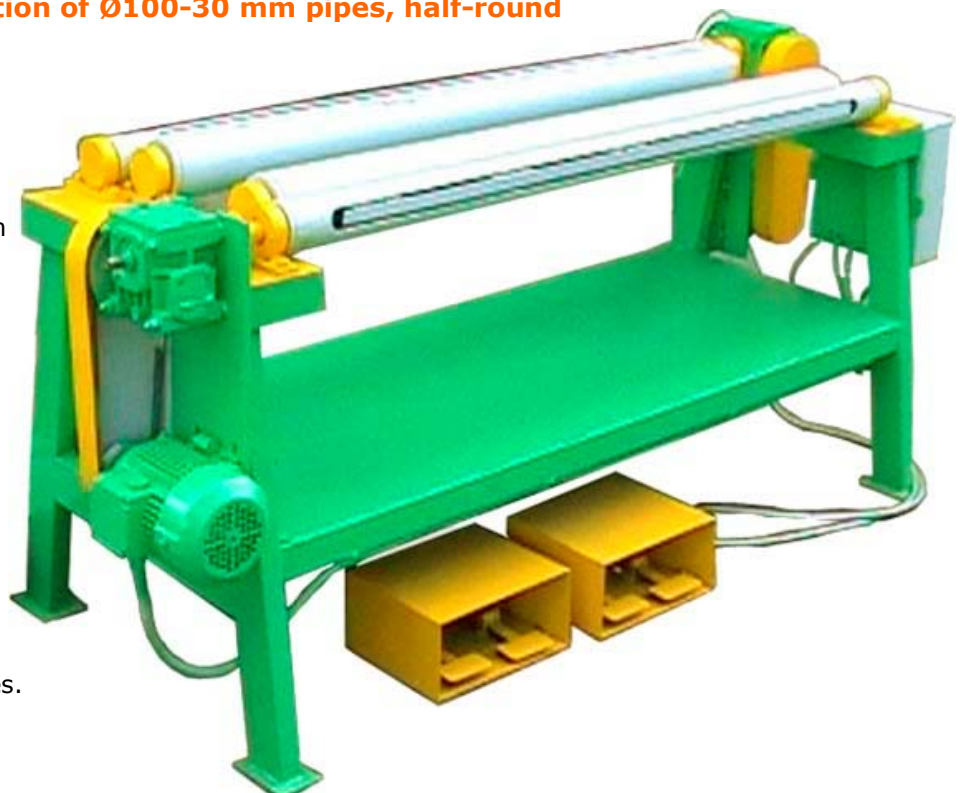
The machine is used for production of various components of drainpipe systems, for forming ribbed stiffeners, for fastening drainpipes, etc.



Roller bending machine for production of Ø100-30 mm pipes, half-round guttering and ridge hips L=1300

Specifications:

- overall dimensions: 1300x1600x3250 mm (width/height/length)
- drive: electrical or hand
- weight: 150-170 kg
- drive power: 1,1 kW

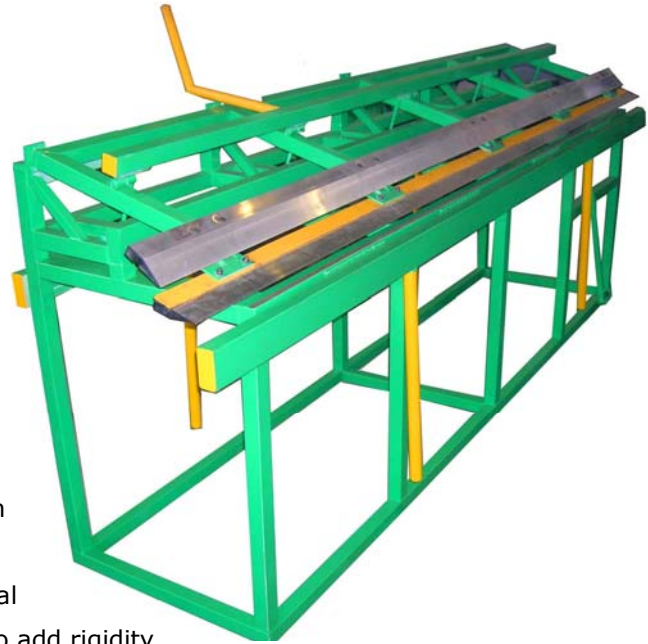


The mill is used for production of drainpipes with connective folds on the sides.

Hand bending machine

Specifications:

- overall dimensions: 900/1075/2800 mm (width/height/length)
- weight – 150 kg.
- productivity:
bending - 2 bends per min.
cutting with marking - 2,5 meters per min.
without marking- up to 5,0 meters per min.
- maintenance staff: 2 people.



The machine is used for production of metal corrugation (thickness: 0.5-0.6 mm, size: up to 1250x2500 mm, height of the side flange: from 20 mm), cutting off metal strips (80-400 mm) and bending side flanges in order to add rigidity.

Hand bending machine (new model)

NEW!

The machine is used for production of components of drainpipe systems.



Hydraulic bending machine

Specifications:

- overall dimensions: 1200/1900/3000 mm (width/height/length)
- drive: hydraulic
- power of the electric motor: 11 kW
- productivity: from 20 items per hour

The machine is used for production of metal corrugation from metal sheets.





**Pneumatic bending machine
(metal: up to 1,2 mm)**

Specifications:

- overall dimensions: 530/1500/3000
(width/height/length)
- pneumatic drive: 4 atmospheres
- weight: 900 kg
- width of the material: 2500 +20 mm
- productivity– 500 bends per hour

The machine is used for production of components of drainpipe systems.

Hand electromagnetic bending machine

Specifications:

- overall dimensions: 785x970x1320 mm
(width/height/length)
- drive: hand
- weight: 120 kg

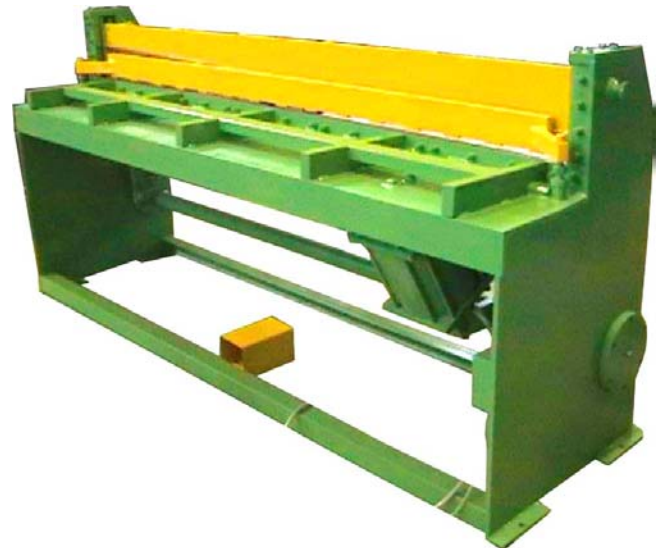
The machine is used for production of components of drainpipe systems.



Guillotine-type pneumatic shears

Specifications:

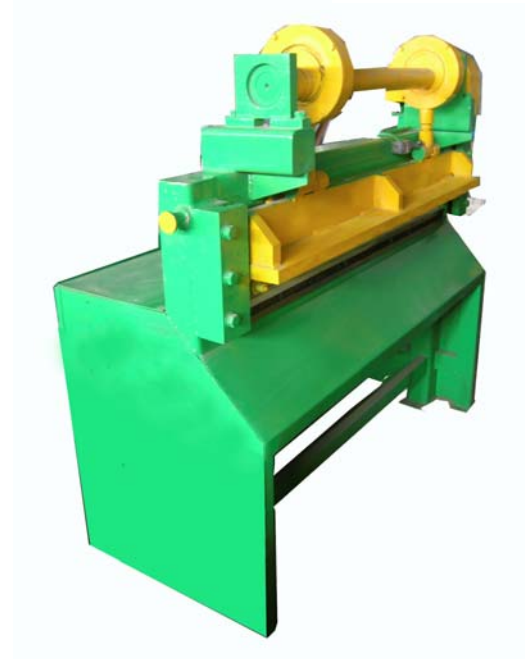
- overall dimensions: 800/1300/2840 (width/height/length)
- maximum productivity of cutting: 5 cuts per min.
- maximum thickness of metal: 0.8 mm



Guillotine-type electromechanical shears

Specifications:

- width of sheet: not more than 1250+5 mm
- thickness of sheet: not more than 0,8 mm
- knife lift: 50 mm
- power: 2,2 kW
- rotation frequency, rotations/min.:1000
- overall dimensions: 700/1200/1800 mm (width/height/length)
- weight: 250 kg



Guillotine-type electromechanical shears



Shears for cutting to length (metal: up to 0.7 mm)



Pneumatic stacker for stacking metal tiles and metal corrugation

Punch for mounting blocks



Table (with punches) for production of fasteners for guttering and drainpipe systems

Corrugating mill

Specifications:

- rolling rate: 0,25 m/s
- overall dimensions: 1100x1650x3050 mm
(width/height/length)
- drive: electromechanical
- weight: 500-550 kg
- maximum productivity: 1000 kg/h



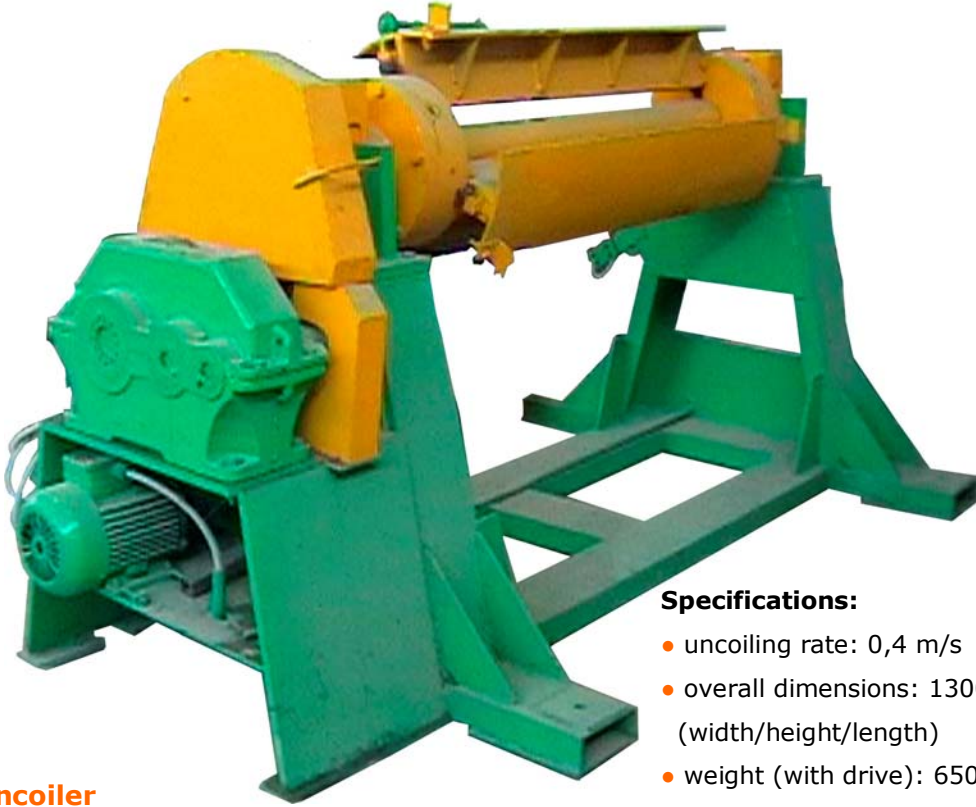
The mill is used for production of metal corrugation from galvanized or prepainted metal sheets.

Cantilever-type uncoiler

Specifications:

- uncoiling rate: 0,4 m/s
- overall dimensions: 1300x1360x1520 mm
(width/height/length)
- weight: 1500 kg
- maximum weight of coil: 7 t.





Driven uncoiler

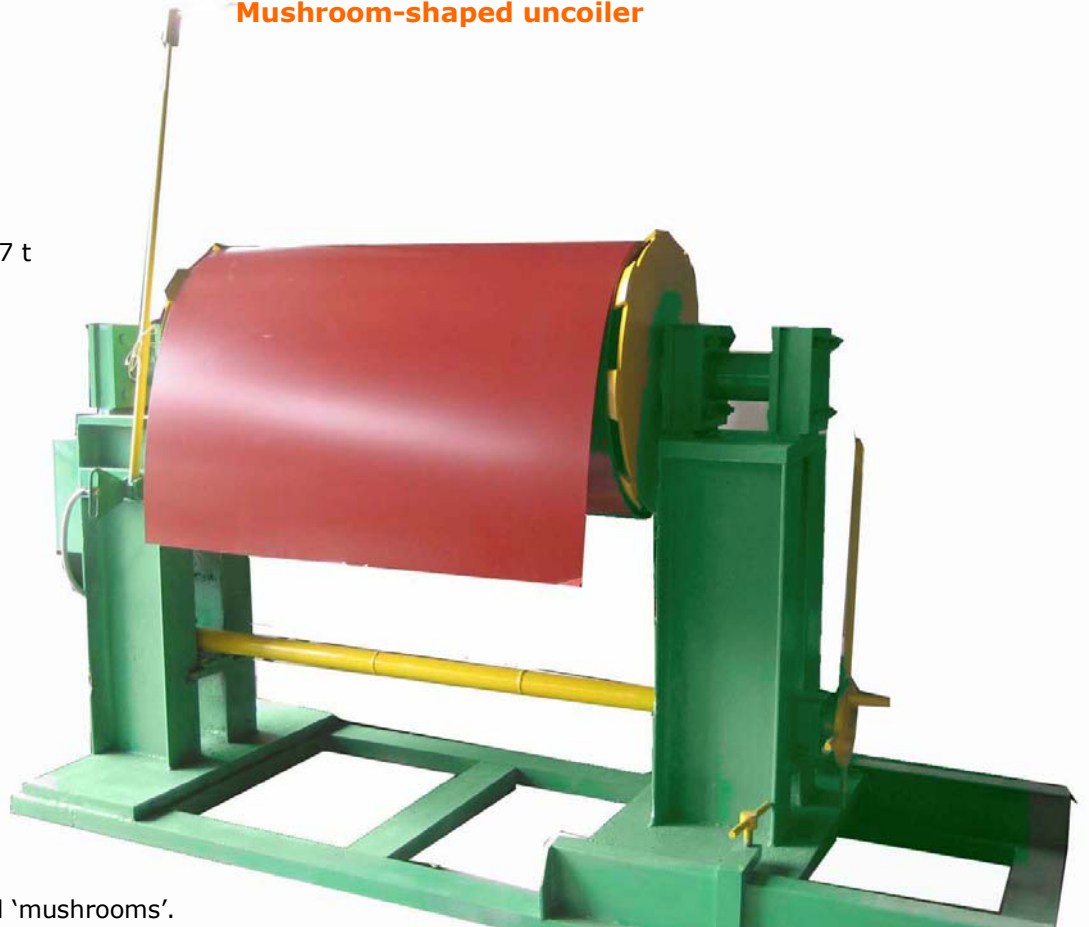
Specifications:

- uncoiling rate: 0,4 m/s
- overall dimensions: 1300x1360x1520 (width/height/length)
- weight (with drive): 650 kg
- width of the material: 1250 mm

Mushroom-shaped uncoiler

Specifications:

- uncoiling rate: 0,4 m/s
- maximum weight of the coil: 7 t



The uncoiler has 2 cone-shaped 'mushrooms'.
The design of the uncoiler allows to load the coil without any additional devices.

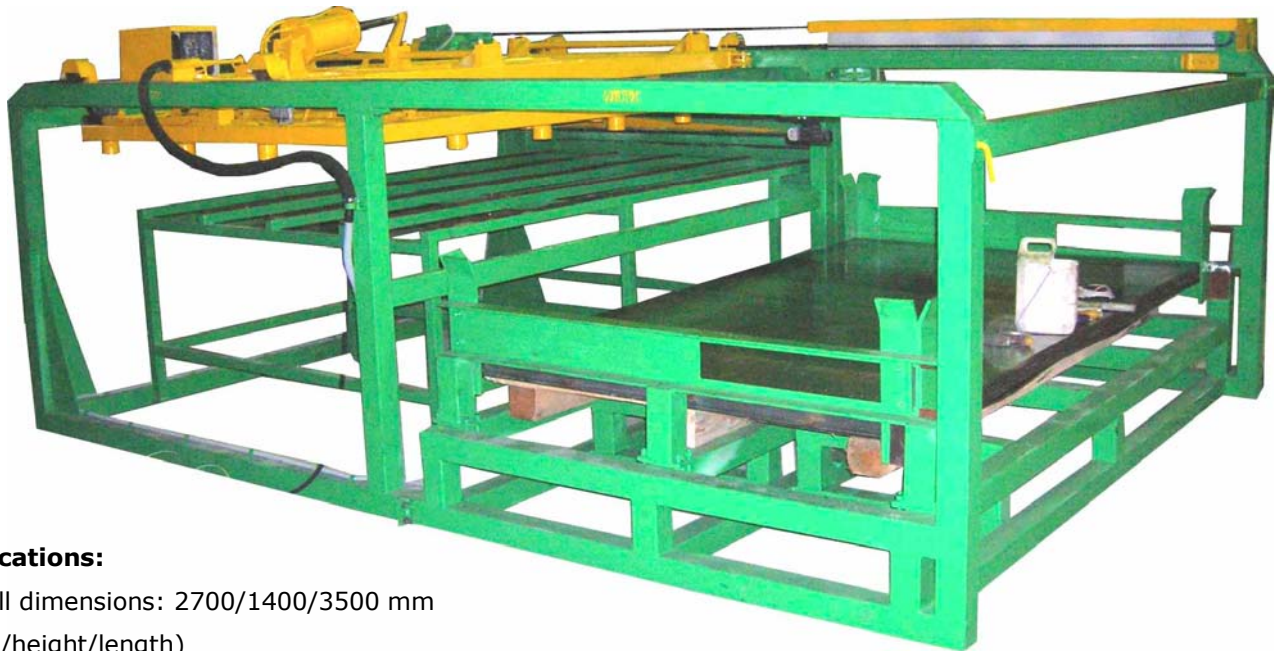
Uncoiler for roll forming machines for production of narrow metal corrugation



Specifications:

- overall dimensions: 1000/1000/1300 mm (width/height/length)
- weight: from 90 kg.
- weight of the coil: up to 900 kg

Electromagnetic stacker for cutting-to-length machine



Specifications:

- overall dimensions: 2700/1400/3500 mm (width/height/length)
- weight: 1200 kg
- productivity: 5000 kg/h

Automated control system

Our roll forming machines are supplied with most up-to-date Siemens controllers. The automated control system allows to automate the roll forming process and to control such important technological parameters as rolling rate, quantity and length of corrugation, pause of the technological cycle. Automatic controlling helps to prolong the life of roll forming machines, to maximize the productivity and to improve the quality of the produce because of elimination of the human factor. Thanks to the automatic control system the precision of cutting amounts to $\pm 1\text{mm}$ for 6 meters of corrugation.

Specifications:

- voltage: three-phase 380 V
- precision: 1 mm for 1 meter of length, but not more than 3 mm for the whole length (up to 6 meters), not more than 5 mm for the length of 12 meters
- encoder LIR-158: 24V
- controller: SIMATIC S7-200
- touch panel: TP - 177





NEW!

Automated control system with touch panel

The automated control system is an example of cutting edge technology which helps achieve safety of works. The size of the system has become much smaller, while the performance reliability has improved.

This model has a number of advantages. The automated control system is situated right on the machine, which helps to economize on space and to reach the mechanisms with more ease. The controller has a user-friendly interface.



