

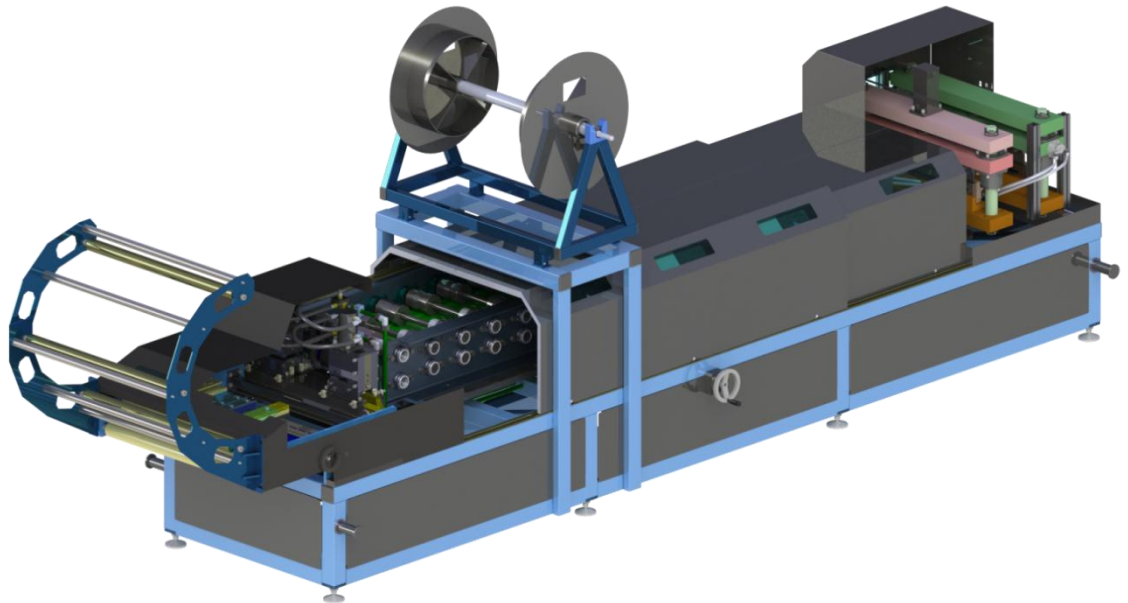
****WE WELCOME YOU TO VISIT OUR FACILITY AT ANY CONVENIENT TIME****

Technical-commercial quotation

We offer for your consideration this quotation on snap-lock seam roof panel roll former.

All equipment is designed and manufactured by Ruscana Engineering Group.

Snap-lock seam roof panel roll former, model PSR 004



Snap-lock seam roof panel roll former, model PSR 004, hereinafter referred to as Equipment, is intended for production roof panel profiles for the construction of metal seamed roof using galvanized steel including polymer coating up to 0,7 mm thickness.

This equipment is designed for operation at a building site as well as at factory site.

Raw material requirements:

- galvanized steel with mass of zinc coating 100...275 g/m²;
yield strength 280...320 N/mm²;
- width of the strip 417 mm and 625 mm
- thickness – 0,5 mm ...0,7 mm

Technical characteristics:

Rolling speed: up to 12 m/min

Height of the seam– 32 mm

Installed power capacity – 2,2 kW

Power supply voltage at frequency of 60 Hz,- 380 V, 3phase

Temperature operating mode of the equipment +35°– 10 °C

Required operating persone 1- 2 people

Dimensions (LxWxH), not more 5300x1450x990 mm

Weight, not more 1800 kg

Profile sizes adjustment to the desired width is mechanized and is carried out by turning the handle.

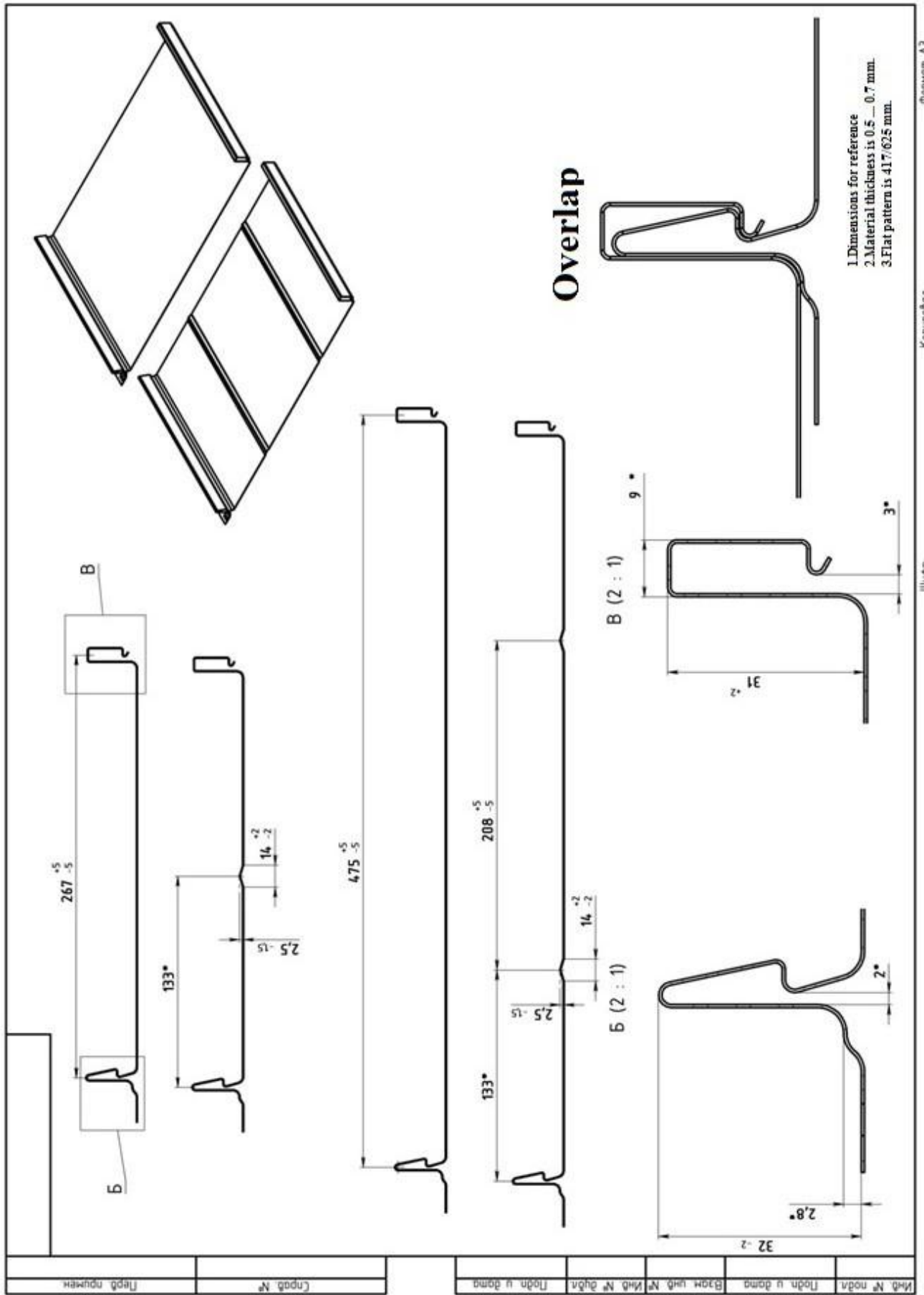
List of equipment:

1. Uncoiler «Liner»;
2. Portable standing seam roll former, model PSR 004;
3. Roller base receiving table

Technical specifications:

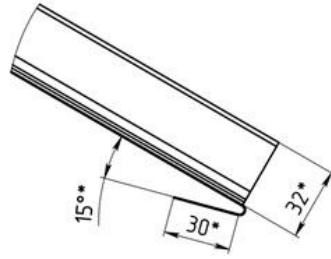
№	Description	Details
1	Uncoiler «Liner»	
1.1	Dimensions (LxWxH), not more	1350x800x400 mm
1.2	Lifting capacity, not more	1000 kg
1.3	Weight, not more	90 kg
2	Portable standing seam roll former, model PSR 004	
2.1	Quantity of mill stands	12
2.2	Perforating device for punching holes for panel fastenings	Yes
2.3	Profiling rolls material	Instrument steel with heat treatment
2.4	Range of adjustment of width of strips	417 / 625 mm
2.5	Protective cover	Yes
2.6	Feeding and strip cutting device with feeding rubber rollers and transverse cutter with electromechanical drive	Yes
2.7	Equipment strapping points	Yes
2.8	Dimensions (LxWxH), approximately	5000x1200x1400 mm
2.9	Weight, approximately	1600 kg
3	Automatic control system (ACS)	
3.1	Hardware base	Omron (Japan)
3.2	Controlled parameters	Rolling speed, quantity-length of products, adjustment of technological cycle pauses, production task
3.3	Interface	In English, User-friendly

3.4	Indicators	General settings, error and emergency alarms
4	Roller base receiving table	
4.1	Type	Single roller on 3 supporting structures
4.2	Lifting capacity	200 kg
4.3	Height adjustment	600 - 850 mm
4.4	Roller size, not more	Ø52 x 320 mm
4.5	Dimensions (LxWxH), not more	490x455x865 mm
4.6	Weight, not more	15 kg

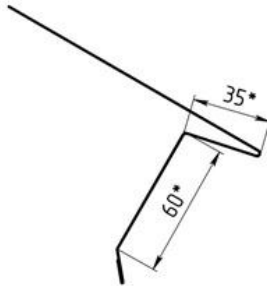


Pic. 1. Profile drawing

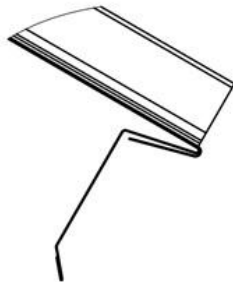
Profile bend



Eaves board



Eaves board with profile



Pic. 2. Assembly drawing of the roof panel profile and the eaves board profile

Equipment specification

№	Description	Q-ty	UOM
1	Snap-lock seam roof panel roll former, model PSR 004, consist of:	1	Set
1.1	Uncoiler «Liner»	1	pcs
1.2	Portable standing seam roll former, model PSR 004	1	pcs
1.3	Automatic control system;	1	pcs
1.4	Roller base receiving table	3	pcs

Optional

№	Description	Q-ty	UOM
1	Module for punching the edges of the strip on both sides at the points of bending the front edge of the panel	1	pcs
2	Bending module for front edge of the panel	1	pcs
3	Demountable roller table 3m	1	pcs
4	Decoiler, 5 tons	1	pcs