

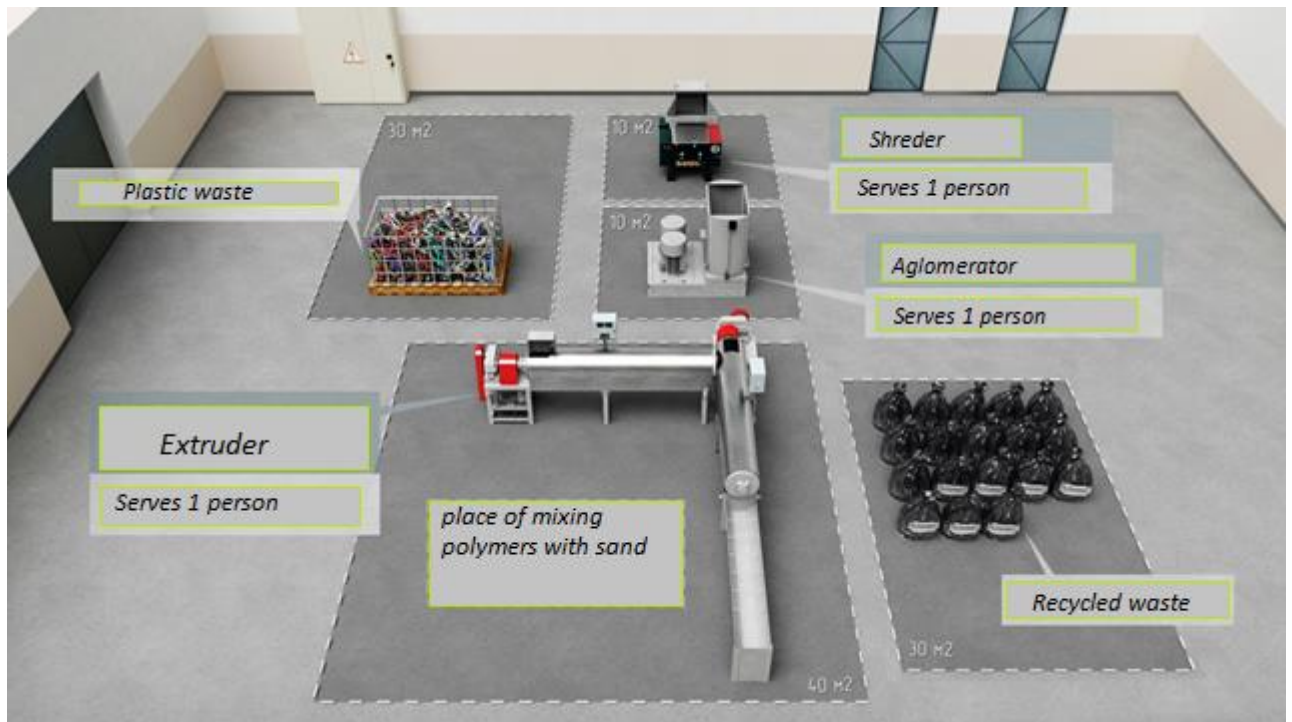
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**“Planetary ecologist”**

**Developing of recycling  
technologies in to construction  
materials**

## Polymer preparation site

Placed area



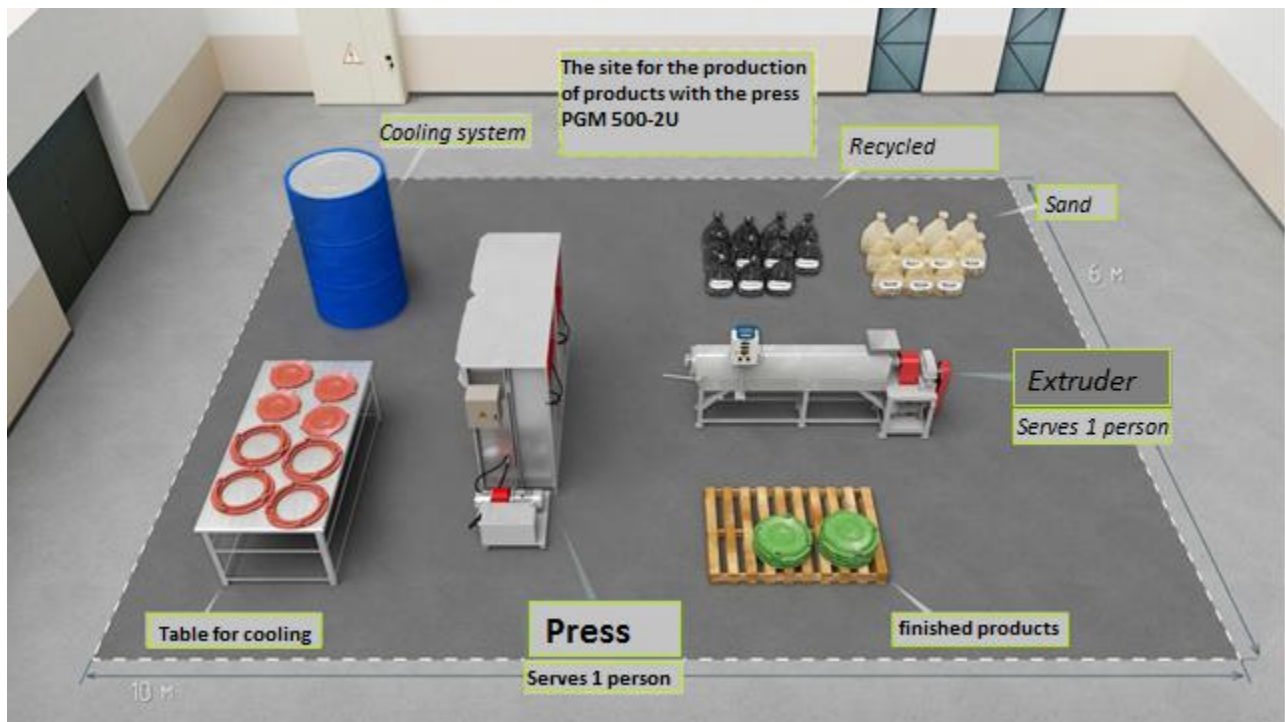
## Recommendations

1. Place the hood over the agglomerator and extruder.
2. Place on the workplaces: "Do not smoke!"

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## Press PGM 500-2U

Placing equipment for the production of polymer-sand products with press PGM 500-2U

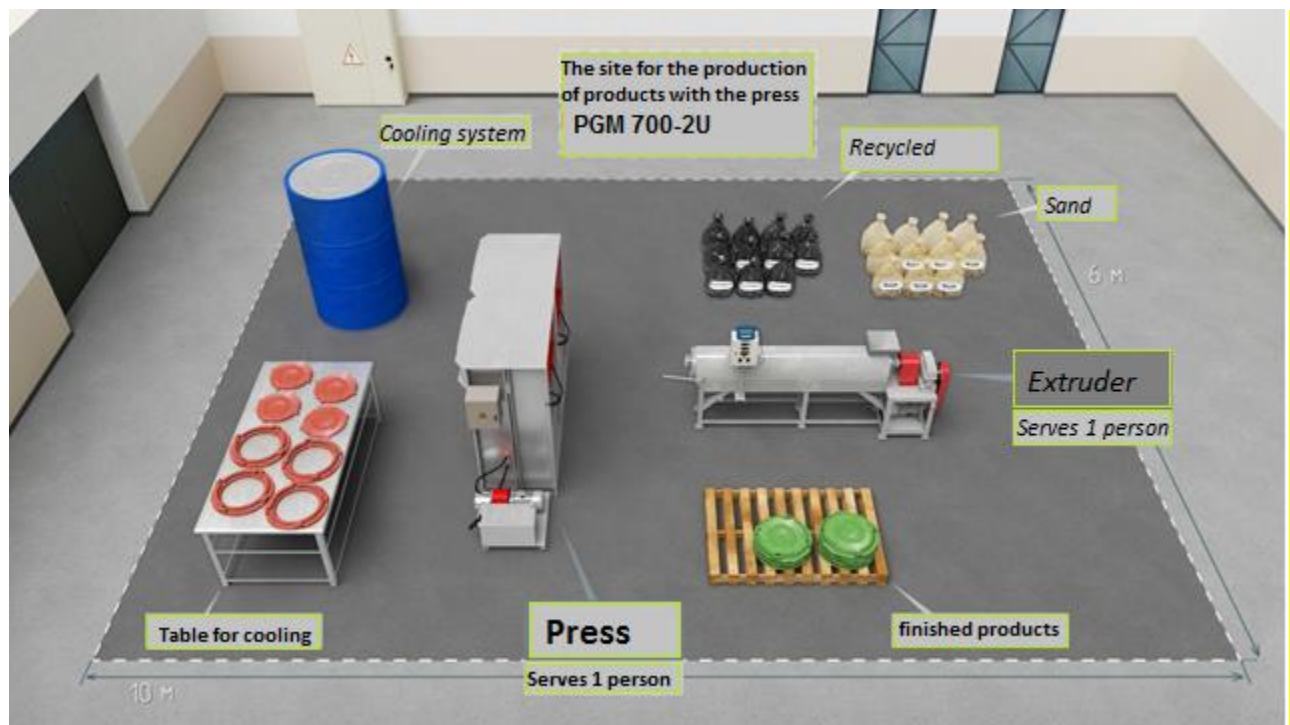


### Productivity for 12 hours

Roof tile	50 m <sup>2</sup>
Pavement tile	450 pcs

## Press PGM 700-2U

Placing equipment for the production of polymer-sand products with press PGM 700-2U



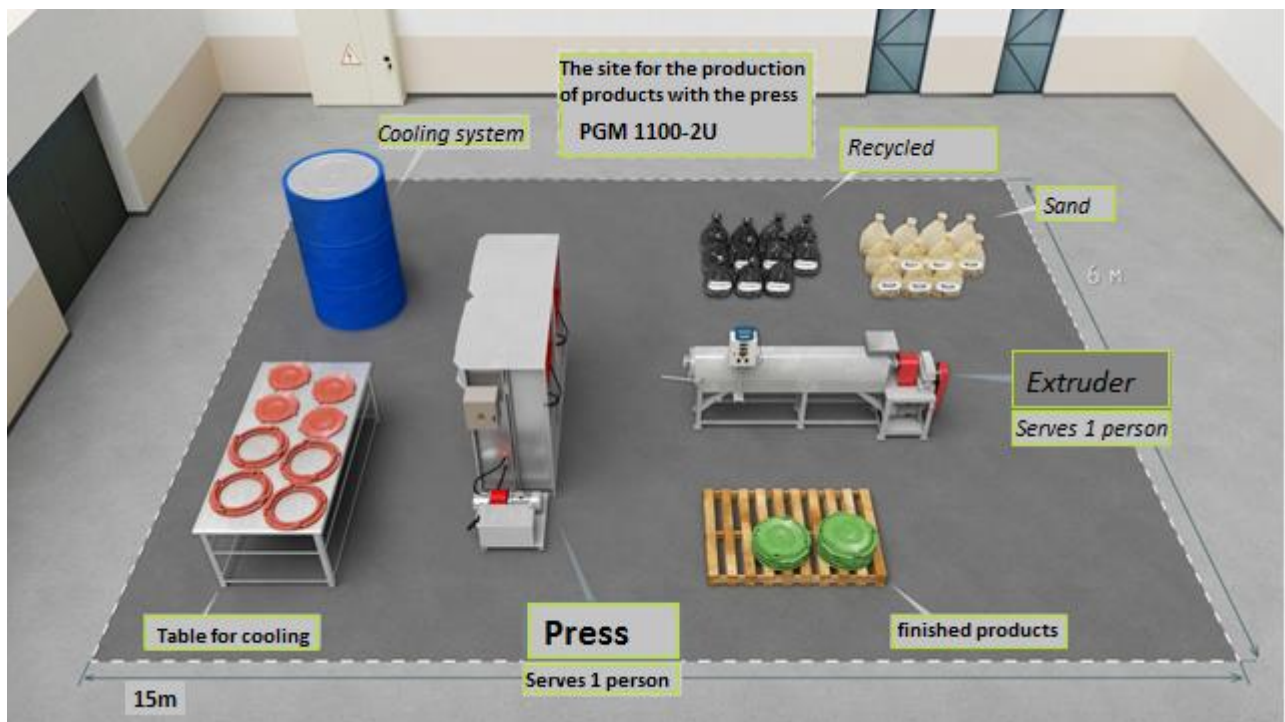
### Productivity for 12 hours

Curbstone (Road border)	500 × 200 × 70 mm	230 meters
Tray Grid		180 meters
Lawn tile		60 m <sup>2</sup>
Tray drainage large	140 × 125 × 500 mm	150 meters
Tray drain	100/140 × 65 × 500 mm	180 meters
Pavement tile	333 × 333 mm	from 85 m <sup>2</sup>
Pavement tile	500 × 500 mm	from 65 m <sup>2</sup>
Water drainage tray		230 m/n
Pavement tile with a green effect	400 × 600 mm	from 50 m <sup>2</sup>

The production of small items such as paving stones, wave, honeycomb, hexagon, puzzle, diamond, takes 8 hours (from the calculation of 360-420 moves of the press). Molds can be double and triple. This press is suitable for molds with the size of products from 200 to 650 mm<sup>2</sup>.

## Press PGM 1100-2U

Placing equipment for the production of polymer-sand products with press PGM 1100-2U



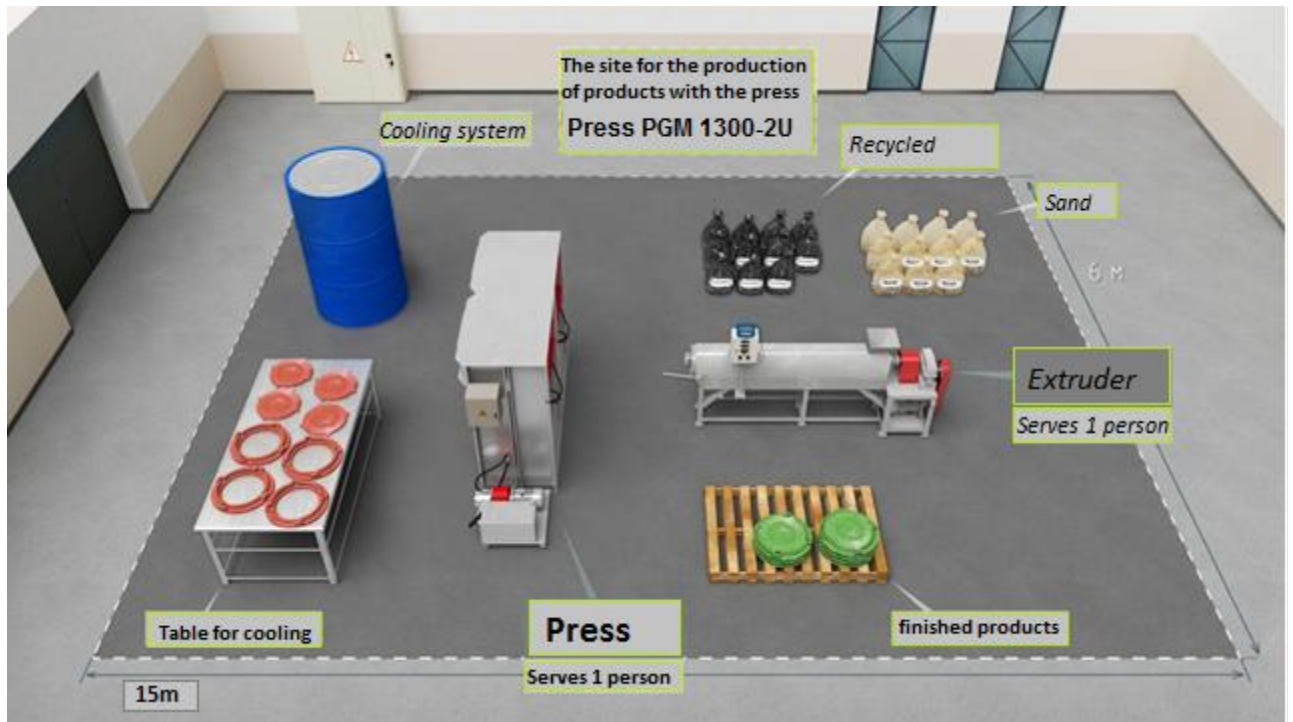
### Productivity for 12 hours

Manhole (Hatch) gardening, 18–24 kg	90 kits
Manhole (Hatch) Light, 32 kg	75 kits
Manhole (Hatch) medium, 42 kg	65 kits
Manhole (Hatch) heavy, 55 kg	55 kits
Manhole for highway, 90 kg	30 kits
Well, Ø 750 mm (2 meter set)	18 wells
Easy Rainwater intake, 30 kg	75 kits
Rainwater intake heavy, 62 kg	45 kits
Manhole hatches square Light / heavy	70/55 kits
Artificial road unevenness	90 meters
Road paving slabs	85 m <sup>2</sup>
Road borders 1000 × 250 × 100 mm	70 meters
Tile facing under brick	80 m <sup>2</sup>

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## Press PGM 1300-2U

Placing equipment for the production of polymer-sand products with press PGM 1100-2U



### Productivity for 12 hours

Well $\varnothing 750$ mm (2 meter set: bottom, 8 rings, cone)	20 pcs
Well $\varnothing 1000$ mm (2 meter set: bottom, 8 rings, cone)	15 pcs
Manhole (Hatch) all types	30–90 kits
Rainwater intake all types	45–75 kits
Road paving slabs	85 m <sup>2</sup>

Romansebekin@gmail.com  
+79023629337  
Roman Sebekin



## Press PGM 2000-3U

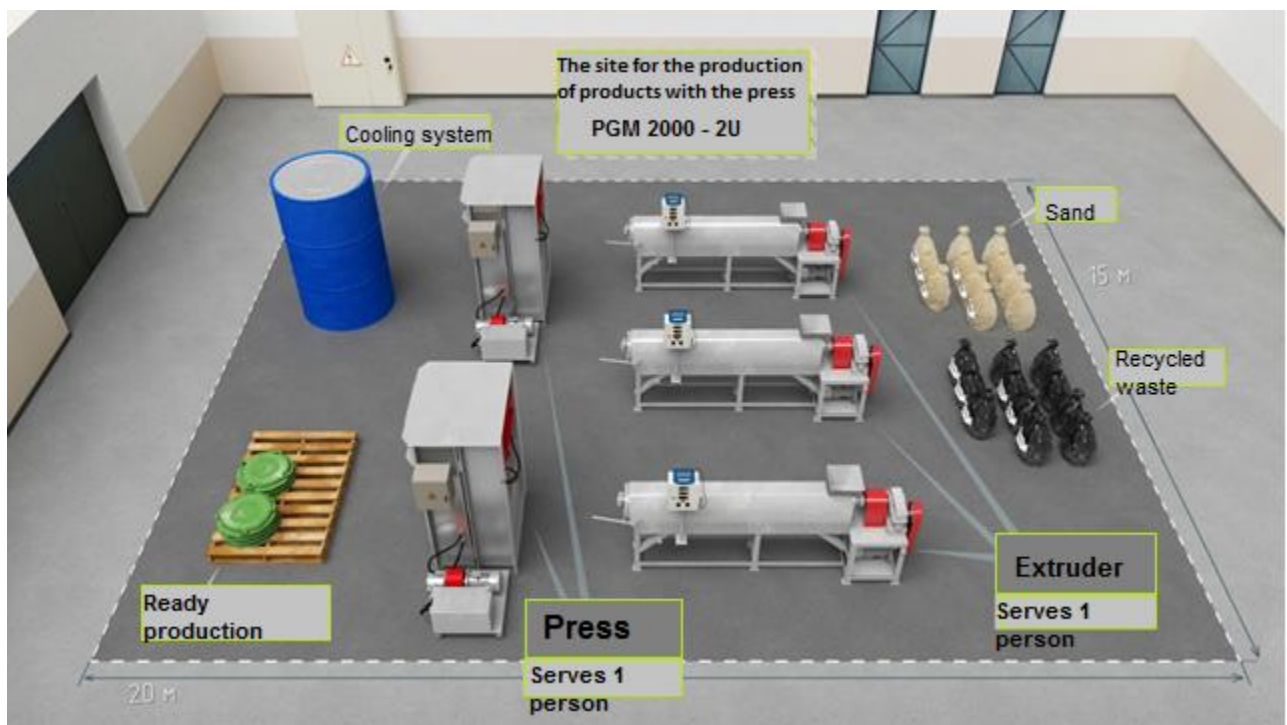


### Purpose

Production of large polymer-sand products:

1. Well  $\varnothing 1500$  mm (bottom, ring, cone). The ring is divided into three segments;
2. Well  $\varnothing 1000$  mm;
3. Manhole for highway.

### Placing equipment for the production of polymer-sand products with press PGM 2000-2U



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**PGM 700**



**PGM 700 - 2U**



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**PGM 700 - 3U**



Romansebekin@gmail.com  
+79023629337  
Roman Sebekin