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Барнаул (3852)73-04-60
Белгород (4722)40-23-64
Брянск (4832)59-03-52
Владивосток (423)249-28-31
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Вологда (8172)26-41-59
Воронеж (473)204-51-73
Екатеринбург (343)384-55-89
Иваново (4932)77-34-06

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Иркутск (395)279-98-46
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Кемерово (3842)65-04-62
Киров (8332)68-02-04
Краснодар (861)203-40-90
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Магнитогорск (3519)55-03-13
Москва (495)268-04-70
Мурманск (8152)59-64-93
Набережные Челны (8552)20-53-41
Нижний Новгород (831)429-08-12
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Новосибирск (383)227-86-73
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Орел (4862)44-53-42
Оренбург (3532)37-68-04
Пенза (8412)22-31-16

Пермь (342)205-81-47
Ростов-на-Дону (863)308-18-15
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Самара (846)206-03-16
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Симферополь (3652)67-13-56
Смоленск (4812)29-41-54
Сочи (862)225-72-31
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Сургут (3462)77-98-35
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Челябинск (351)202-03-61
Череповец (8202)49-02-64
Ярославль (4852)69-52-93

Киргизия (996)312-96-26-47

Россия (495)268-04-70

Казахстан (772)734-952-31

<https://coperion.nt-rt.ru/> || cno@nt-rt.ru

Strand Pelletizers



For the processing of the melted polymer

Coperion Pelletizing Strand Pelletizers are in use for the processing of the melted polymer to cylindrical, dry and easy to handle plastics pellets.

Moreover, we offer strand pelletizers which are specially designed for the processing of food and pharmaceutical products.

Coperion provides the whole product range for strand pelletizing – from cooling, to dewatering, pelletizing and screening. Size and function of each single component is individually configured to your product's needs. Our plants cover a throughput range from 2 kg/h to 6,300 kg/h.

In the field of strand pelletizing Coperion benefits from the comprehensive know-how of former PELL-TEC Pelletizing Technology GmbH, which changed its name to Coperion Pelletizing Technology GmbH in 2013.

Within the strand pelletizing process the extruded, cooled and dried plastic strands are taken into the strand inlet. The strands are caught by both feed rolls and transported to the cutting section. The upper feed roll is pressured.

The cutting section consists out of a stationary bed knife and a rotating cutting rotor. Between the edges of the bed knife and the cutting rotor the plastic strands are cut into regular, cylindrical pellets.

The acceleration of the cutting transfers the pellets into the pellet outlet. From there they are going to the following components, such as vibration screens or conveyors.

STRAND PELLETIZER TYPE SP EN / PURE

- Working width 50, 100 and 150 mm
- Throughput 30 to 1,000 kg/h

STRAND PELLETIZER TYPE SP EASY / SP U

- Working width 140, 240 and 340 mm
- Throughput up to 3,000 kg/h

STRAND PELLETIZER TYPE SP HD

- Working width 500 and 700 mm
- Throughput up to 6,300 kg/h

STRAND PELLETIZERS FOR FOOD AND PHARMA APPLICATIONS

Our strand pelletizers for the processing of food and pharmaceutical products offer special features:

- Use of stainless steel and FDA compliant materials
- Special treatment of surfaces
- Enclosed motors
- Protection class IP67
- Easy cleaning and good accessibility
- High flexibility

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