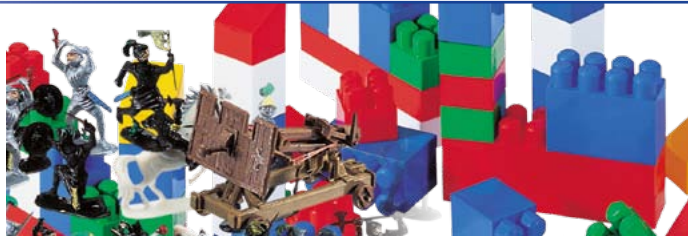




GRANULATORS



INJECTIONMOULDING



Strong performance – for small parts

The series and models meet all requirements regarding the feed opening and throughput rate. Upgradeable by a huge range of peripherals. The right choice for efficient granulation.

→ material:

sprues, scraps,
small parts, etc.

→ power:

2,2 kW - 22 kW

→ working width:

200 - 520 mm

→ throughput rate:

20 - 400 kg/h
(10 mm screen)

→ machine series:

L line
Delta line



L line

Delta line



EXTRUSION



Compact construction – for bulky parts

Whether flat, round, angular or bulky different cutting chambers and rotor configurations ensure no problems occur when granulating various parts. The Granulator series are individually configurable.

→ material:

Sheet, pipes,
profiles, strands,
start-up lumps, etc.

→ power:

4 kW - 350 kW

→ working width:

100 - 2.500 mm

→ throughput rate:

80 - 4.000 kg/h
(10 mm screen)

→ machine series:

SG line
STR line
GFS line
Q line
KX line
BG line
DX line



SG line

Q line

DX line



THERMOFORMING



Variable construction – for almost all requirements

DREHER Granulators solve the diversity of challenges posed by granulating parts produced in the thermoforming process by a variety of designs and heavy duty construction.

→ material:

skeletal waste,
cups, deep-drawn parts,
films, etc.

→ power:

2,2 kW - 350 kW

→ working width:

200 - 2.500 mm

→ throughput rate:

80 - 4.000 kg/h
(10 mm screen)

→ machine series:

STR line

KX line

GFS line

DX line



STR line



KX line



GFS line



FILM-EXTRUSION



Cost-effective – for Inline-Operation

No problem to directly integrate with the production-process by individually specified peripherals, guaranteeing cost-effective granulation.

The tough construction of the granulator is designed for continuous operation.

→ material:

Edge trims, films,
straps, TDO, BOPP,
BOPET, etc.

→ power:

2,2 kW - 350 kW

→ working width:

200 - 2.500 mm

→ throughput rate:

80 - 7.000 kg/h
(10 mm screen)

→ machine series:

Delta line

GFS line

BG line



Delta RS line



GFS line



BLOWMOULDING



Modular marvel – for high throughput rate

Quick access to screen and cutting chamber – no problem. Designed for frequent material changes and equipped with the true helical cut, KX Granulators can cope with all tasks.

→ material:

KKB, IBC, fuel tanks, drums, jerry cans, containers, bottles, flashes, etc.

→ power:

7,5 kW - 110 kW

→ working width:

400 - 1.300 mm

→ throughput rate:

80 - 3.000 kg/h
(10 mm screen)

→ machine series:

Delta line

KX line

DX line



DX line



KX line



RECYCLING



Centrifugal force – for effective recycling

-From lump to granulate in one step-

that's what SRV-GF Granulators are made for. Heaviest duty construction with a huge power reserve.

→ material:

Start-up-flash, lumps up to 400 kg, extrusion start up, etc.

→ power:

15 kW - 350 kW

→ working width:

410 - 1.600 mm

→ throughput rate:

60 - 4.500 kg/h
(10 mm screen)

→ machine series:

SRV line



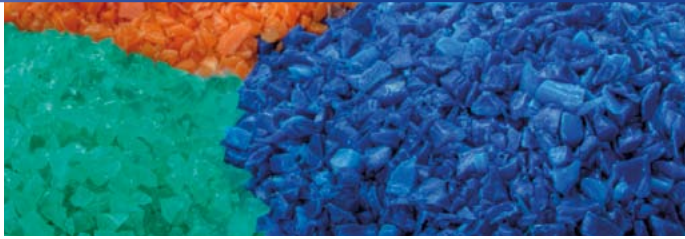
SRV line



**ONE
STEP
TECHNOLOGY**



PRECUTTING & GRINDING



Two steps – one feeding

Precutting and grinding in only one machine, without intermediary transportation and new feeding. Saving time, space and energy.

→ **material:**

Wide ranging material

→ **power:**

up to 52 kW

→ **working width:**

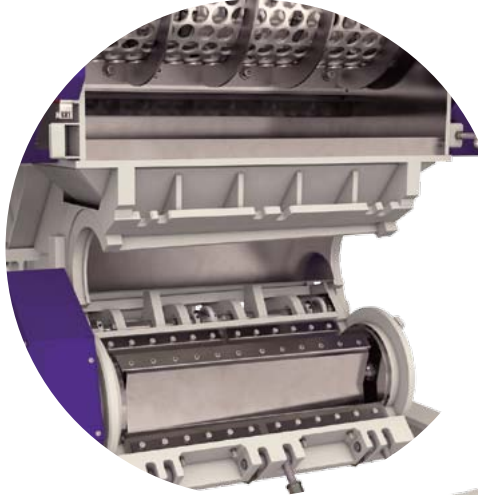
1.100 mm

→ **throughput rate:**

1.000 kg/h

→ **machine series:**

VD 1100 line



VD line



WET GRINDING



Robust and powerful

As part of a recycling plant. Grinding wet material.

→ **material:**

Post-Consumer-Recycling

→ **power:**

75 kW - 115 kW

→ **working width:**

650 - 1.500 mm

→ **throughput rate:**

up to 2.000 kg/h
(10 mm screen)

→ **machine series:**

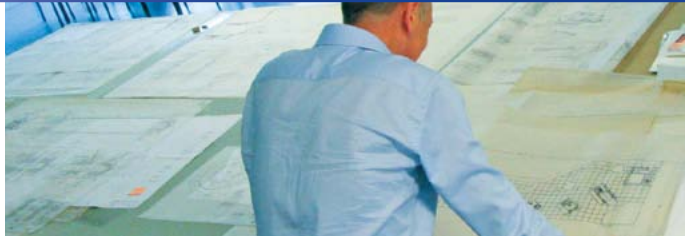
KX-N line



KX-N line



PLANT ENGINEERING



Reliable – from one source

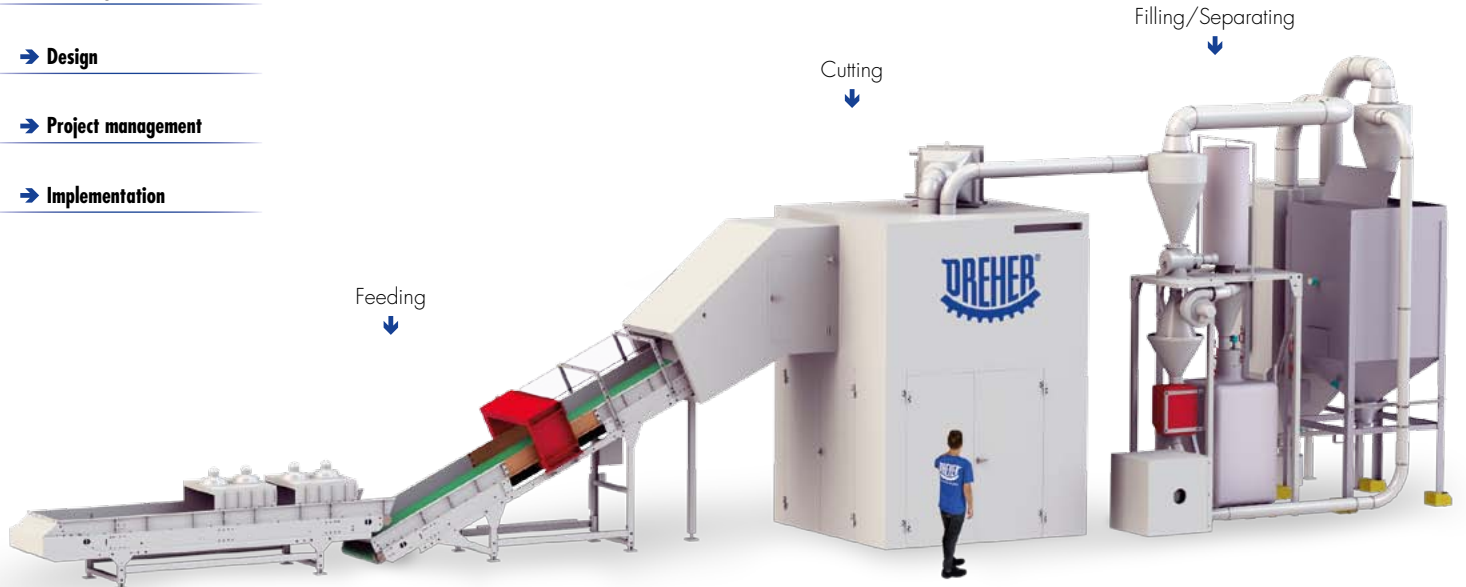
We plan and design complete processing plants from material feeding to material filling and separating.

→ Planning

→ Design

→ Project management

→ Implementation



HORIZONTAL FEED



Absolute safety for operator and machine.

Our electronically controlled, hydraulically actuated horizontal feed systems for granulators guarantees highest security and optimal load factor.

→ Horizontal loading

→ Load dependent machine operation

→ Low power consumption

→ Automated feed transportation

→ Meets maximum standards on safety

→ Reduced operator attendance requirement

→ Robust, modern construction



PERIPHERALS



Peripheral Systems

The benefit and compatibility of peripheral components is crucial, since only in this way they will result in a well-functioning recycling system.

→ conveyor belt

→ infeed device

→ filling station

→ suction device

→ metal detection

→ metal separation

→ sound insulation

→ separation

→ classification



SERVICE



Service – spare parts

Service is the guarantor of a strong partnership. Reliability is crucial for a smooth and trouble free production process.

→ consulting

→ assembling

→ repairs

→ spare parts





DREHER characteristics:

Compact and heavily constructed cutting chambers result in very smooth running with low noise level.

Massive rotors, turned and milled from solid steel, have a high momentum and minimise potential for material build-up.

The high-tensile cutting-knives are embedded into the whole rotor length and do not require readjustment after resharpening.

Therefore the rotor remains balanced throughout its life. The true helical cut with its constant gap over the complete length of the cutting blades generates less dust and reduces the energy demand of the granulator. The oversized bearing supports guarantee a long lifetime, the balance is increased and the noise-level is additionally reduced.

An optional sound enclosure is available to decrease the sound level below 85 dB(A).



DREHER-Granulators

are for more than 70 years a byword for quality, improvement and performance. Our achievements made us an accredited and enduring reliable partner for the entire plastics industry. With more than 13.000 Granulators installed world wide we are an internationally acknowledged and recommended company.



GRANULATORS

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