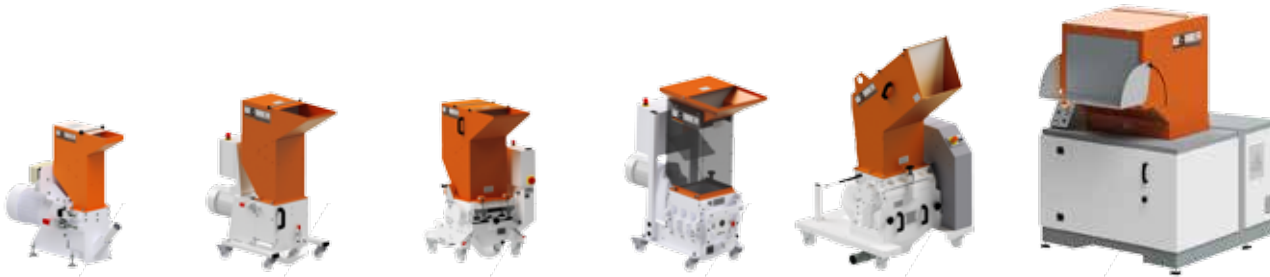


Make the cut

with Wanner granulators



Baby

The granulator for small sprues and lab applications

Compact

The universal beside-the-press granulator with a wealth of advantages

CLE

The particularly quiet universal granulator



Xtra

The specialist for brittle materials

Dynamic

The universal granulator for massive parts and bulky sprues

Energy

The central granulator for large-volume parts and high throughput



The **CLE**-Series

Compact Low Noise Emission – The particularly quiet universal granulator

WANNER
Wanner Technik GmbH



Model CLE 23.35 with sprue picker hopper >

When processing hard and brittle, solid GF-reinforced sprues, usual knife-type granulators are often quite noisy. Usually, this noise problem is addressed by using an integrated sound enclosure mounted to the granulator. However, this enclosure often restricts accessibility during cleaning and requires additional space.

When developing the CLE series, we took a different approach to the noise problem: **We have reduced the noise emission by taking constructive measures on the cutting chamber and the chassis, to dampen the structure-born noise and vibrations.**

The results can be heard and seen! Depending on the processed material, the noise reduction improves significantly, even better than using an integrated soundproof enclosure. As always, the cutting geometry adopted from our C-series delivers a very high-quality, uniform, and low-dust regrind. The CLE granulator is also available with the Green-Line energy-saving control, which guarantees a particularly economical operation. **Would you like to hear a little sample?**



Advantages



- > Universally applicable for various plastics and a wide range of demands
- > Significantly reduced noise emission when grinding brittle, hard GF-reinforced plastics compared to other available granulators
- > Comparison measurements with other available beside-the-press granulators show a reduction of the sound level by up to 10 dB(A), which is approximately the noise level of a screenless type of crusher granulator
- > Many available options allow an optimal adaptation to your requirements
- > Easy handling and a good accessibility make cleaning and material changes simple
- > High-quality regrind due to an optimized cutting geometry for all plastics – from soft to hard and reinforced
- > Low energy consumption – innovative **Green-Line** control available
- > Optimal for demanding applications

Technical Data



CLE 23.35

Cutting chamber opening	230 x 350 mm ²
Rotor diameter	170 mm
Rotor knives	12 + 12
Stator knives	2 + 2
Motor power	3,0 kW
Weight	340 kg

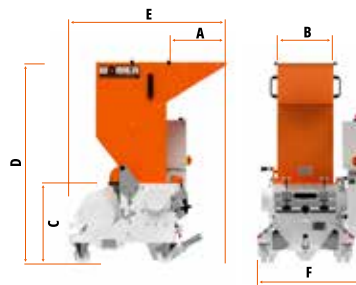
Comparative tests

The noise development when shredding plastics is very dependent on the product to be shredded. We have compared our new Wanner CLE with other available granulators when grinding various materials and have obtained these results:

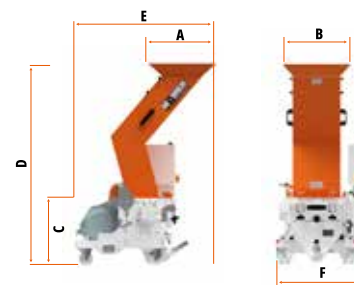
Material	Noise reduction*
PA 6.6 GF / rod Ø 8 mm	-9 dB(A)
Sprue ABS / rod Ø 8 mm	-5 dB(A)
Sprue PP / rod Ø 8 mm	-3 dB(A)

*CLE compared to the reference granulator.

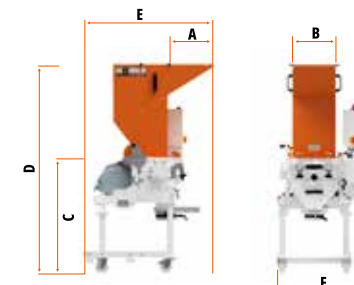
Standard



Sprue picker hopper



On high stand



Dimensions

CLE 23.35 Standard		CLE 23.35 Sprue picker hopper		CLE 23.35 On high stand	
A	300	A	500	A	300
B	346	B	500	B	346
C	495	C	495	C	943
D	1250	D	1488	D	1698
E	979	E	1035	E	1038
F	693	F	687	F	687

(all dimensions in mm, rounded, subject to technical modifications)

Find even more info and pictures of the CLE on our website



www.wanner-technik.de/en/granulators/cle

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www.wanner-technik.de

Our granulators
in action at



Always
up-to-date



Represented by:



What drives us

Wanner-Technik GmbH has worked in the field of plastics granulation since the start of the 1980s.

It was during this time that we put our capabilities to the test, delivery some 10,000 granulators. Our client base consists of companies of all different sizes, from small companies through to the most well-known plastics processors in the industry.

We are driven by our mission to provide customers with the highest-quality granulating machines, while also offering an excellent price/performance ratio. The technology used for grinding machines intrigues

us just as much now as it did on Day 1. This predilection for technical expertise shows in our manufacturing. For a company of our size, we operate with an extraordinary depth of production that allows us to ensure our high standards of quality are met while also enjoying an unusually high degree of flexibility.

In our high-precision CNC centres, we product standard parts as well as special parts required for our customers' custom solutions. Our powerful sheet metal production provides the flexibility to manufacture special hopper configurations within a short period of time. Our

depth of production also gives us extensive expertise in the optimal implementation of design solutions in real products. A capable team of highly qualified professionals is here to ensure that the machines we deliver meet the highest standards for quality.

We would like to invite you to see for yourself at our factory!