

Product Profile

The new Energy (E) Series is aptly named; as a central granulator away from your production area or as a powerful in-line granulator for large blow or injection moulded parts, you will find the granulator's high performance, robust design and ease of use second to none.

The E Series granulators are fast and reliable when it comes to granulating production waste or reject parts. Whether bulky or thin-walled parts, sprues/runners or extruded profiles, the E Series can effectively process them all. The resulting high quality, uniform granulate can be reused directly in subsequent production processes.

Various configurations of cutting chamber size, rotor geometry and motor power allow you to choose a granulator that is optimal for your particular application.

The standard model features a sound proofed enclosure to reduce the noise level in the working environment. The large doors on the front and end of the enclosure provide easy access to all main components, such as the cutting chamber, blower, etc..

Rubber mounts isolate the cutting chamber and motor from the frame thus dampening the structure born noise and minimising noise levels.

The rotor cutting geometry with either bevel cut (E30.30) or chevron cut (E30.50, E35.40, E35.60, E45.50 & E45.80) guarantees a high quality granulate with low content of fine parts as well as a reduced heat rise of the regrind and efficient use of energy.

The granulators of the E-Series are designed thus all service can be done quickly and easily. The cutting chamber, screen and rotor can be accessed simply and without the use of tools. The knives can be pre-adjusted outside the cutting chamber by means of a gauge to ensure precise tolerances once the knives are re-installed. As with all Wanner granulators the new E-Series offers state of the art solutions combined with outstanding features and excellent value for money.

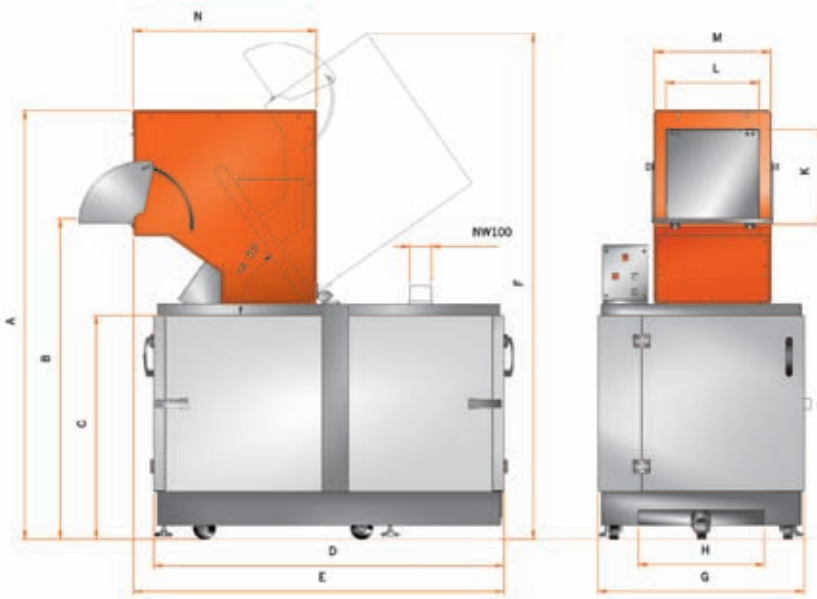


Benefits of the E Series Granulators

- ▶ Sound proof enclosure as standard for reduce noise level.
- ▶ Easy access to the integrated, sound dampened, blower for cleaning.
- ▶ Partially sandwiched welded and bolted steel cutting chamber, for minimum vibration.
- ▶ Rubber mounts isolate the cutting chamber and motor from the base frame and feed hopper for reduced vibration and noise levels.
- ▶ Tangential entry cutting chamber for easy feed of bulky reject parts.
- ▶ Oversized bearings, shafts and drive guarantee long service life.
- ▶ A choice of rotor geometries to suit your application. Standard scissor or V-cut configuration for high quality, low dust granulate.
- ▶ Small footprint achieved by compact design. Optional castors for ease of mobility.
- ▶ Quick and easy, no tools access to cutting chamber for material or colour change.
- ▶ Additional interface options for control of associated ancillary equipment.
- ▶ System components such as material in-feed conveyor, metal detector, metal separator, granulate conveying and de-dusting units for the complete recycling package.

- ◀ Easily accessible cutting chamber, motor and blower via large doors in the sound proof enclosure.

Technical Data



Optional castors

Dimensions in mm

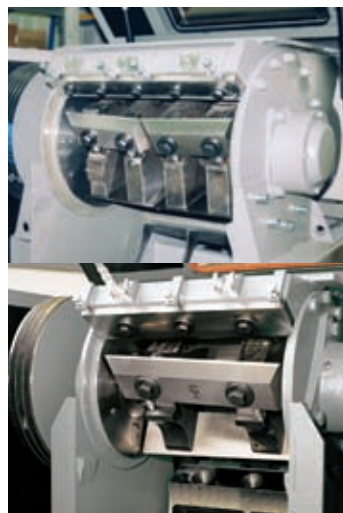
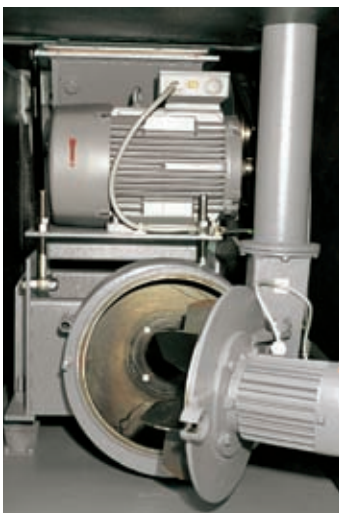
	30.30	30.50	35.40	35.60	45.50	45.80
A	1.870	1.870	1.980	1.980	2.120	2.120
B	1.370	1.370	1.480	1.480	1.520	1.520
C	920	920	1.030	1.030	1.110	1.110
D	1.480	1.480	1.620	1.620	1.630	1.630
E	1.580	1.580	1.700	1.700	1.700	1.700
F	2.210	2.210	2.330	2.330	2.600	2.600
G	790	1.080	950	1.250	1.090	1.530
H	580	680	580	780	580	780
K	430	430	440	440	530	530
L	310	510	430	630	510	810
M	420	620	540	740	620	920
N	810	810	840	840	980	980

we reserve the right to make technical changes

Specification

	E 30.30	E 30.50	E 35.40	E 35.60	E 45.50	E 45.80
Throat size	300 x 300 mm	300 x 500 mm	350 x 400 mm	350 x 600 mm	450 x 500 mm	450 x 800 mm
Rotor diameter	250 mm	250 mm	300 mm	300 mm	400 mm	400 mm
Rotor knives	3	2 x 3	2 x 3 or 2 x 5	2 x 3 or 2 x 5	2 x 3 or 2 x 5	2 x 3 or 2 x 5
Bed knives	2 optional 3	2 optional 3	2 optional 3	2 optional 3	2 optional 3	2 optional 3
Cutting geometry	scissor cut	scissor cut	V-cut	V-cut	V-cut	V-cut
Motor	7,5 kW - 11 kW		11 kW - 18 kW		18 kW - 30 kW	
Electrical supply	3 x 400 Volt, other supplies available upon request					
Rotor speed	630 rpm	630 rpm	500 rpm	500 rpm	450 rpm	450 rpm
Screen sizes	5, 6, 8, 10, 12 and 15 mm, other sizes available upon request					
Blower type	BL 30	BL 30	BL 30	BL 40	BL 40	BL 40
Weight (approx.)	750 kg	900 kg	1200 kg	1400 kg	1750 kg	2000 kg

we reserve the right to make technical changes, weight depends on technical equipment



- ▶ Rubber mounts isolate the cutting chamber and motor from the base frame and feed hopper for reduced vibration and noise levels.
- ◀◀ Model E 30.30 uses a scissor cut rotor. The larger models use Chevron-cut rotors.
- ◀◀◀ Discharge blower housed inside the sound proofed enclosure.

Profile of expertise

Every one of our plastic granulators is the result of our experience and expertise gained over many years dedicated to the plastics industry.

The experience is evident in the many advanced detailed solutions which will ensure ease of operation and cleaning for you and your employees and thus enabling high productivity.

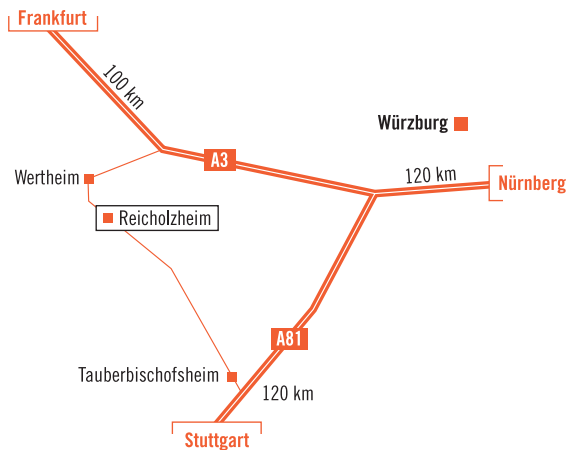
The source of our expertise is our effort to see everything through the eyes of our customers and to find innovative and simple solutions for special problems – from practical experience to practical use.

We have developed repeatedly proven solutions for your problems in the processing or disposal of sprues or defective parts.

Ask us your questions – our staff are at your service at any time for open advice without obligation.

How to find us

We would be happy to demonstrate our E Series granulator in our plant using sample material from your particular application. If desired, we can present the C and D Series granulators to you at your own production site.



compact Wanner C 13.20 s



xtra Wanner Xtra2



dynamic Wanner D 25.25



energy Wanner E



WANNER TECHNIK GmbH
Alte Heerstraße 5
D-97877 Wertheim
phone +49 93 42/3 08 80
fax +49 93 42/3 08 83
info@wanner-technik.de
www.wanner-technik.de

Representative:

The Energy Series
Powerful granulators for central and
in-line recycling of large parts and
containers.



Wanner E45.50
With integrated blower and
cyclone separator on a mobile
frame.