



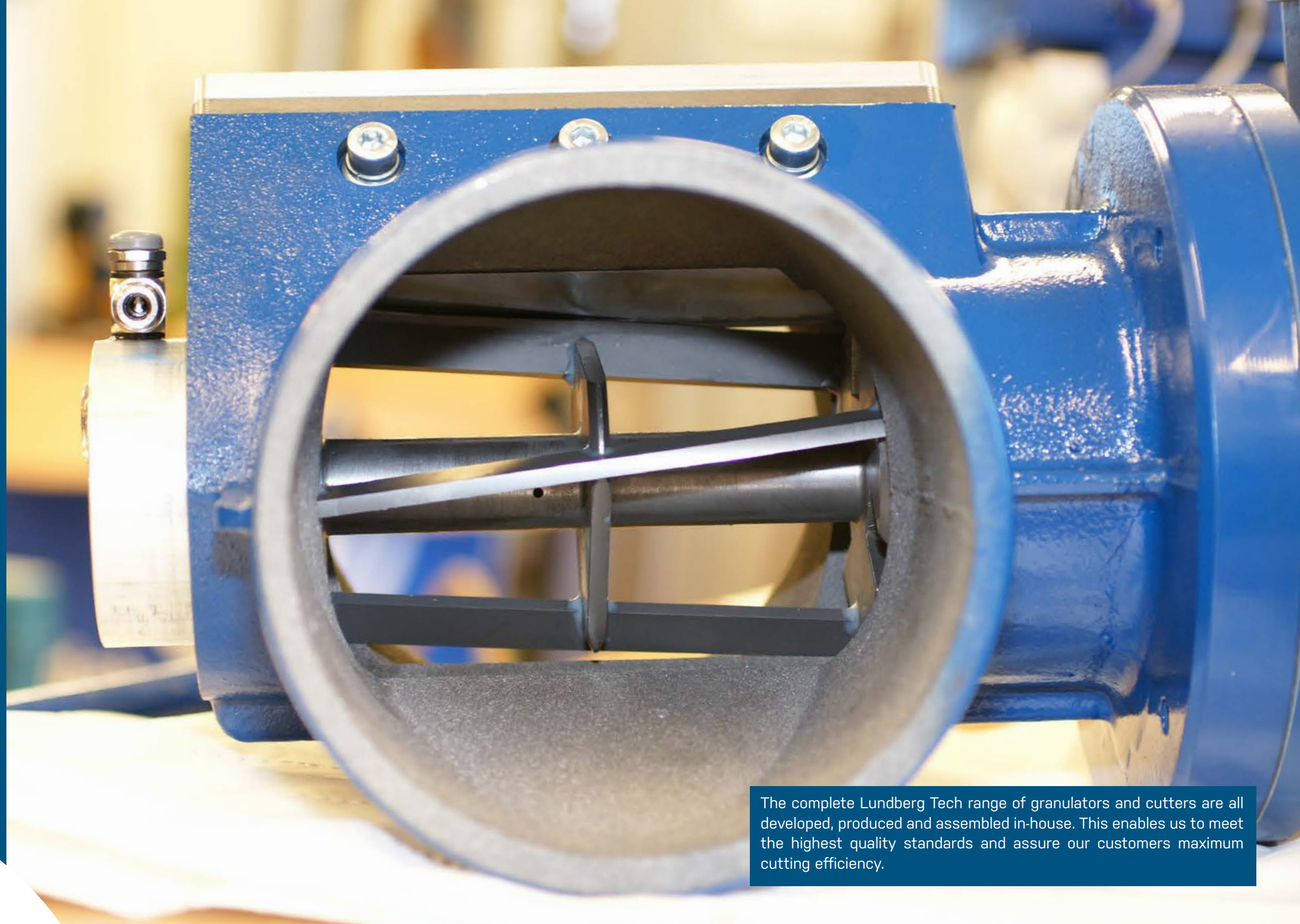
# GRANULATORS & CUTTERS

[www.lundbergtech.com](http://www.lundbergtech.com)

 **LUNDBERG**<sup>TECH</sup>  
Our waste handling keeps production going

# ADVANTAGES

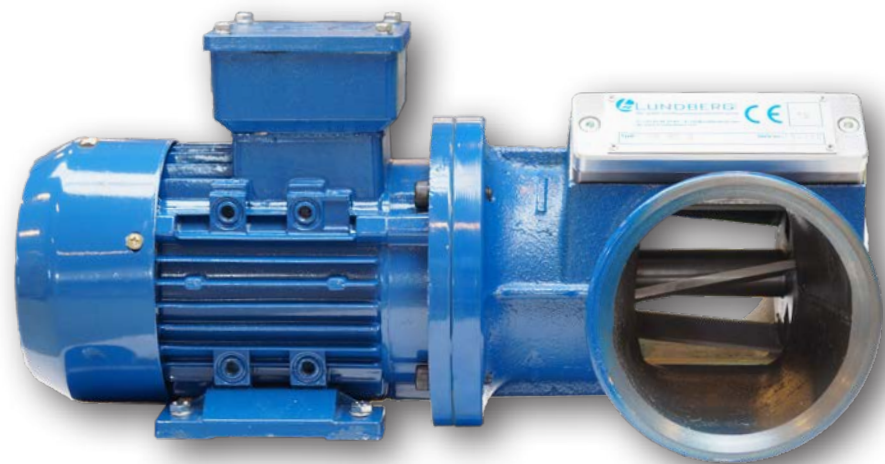
- Reduced volume of waste by cutting the waste
- High cutting efficiency
- Ability to cut very thin materials, down to 5-10 microns
- Increased air speed through and during the cutting process
- Easy to adjust, multiple screws for adjusting the fixed blade
- Construction with high stability
- Lubrication system performing by gravity without compressed air
- Special composites of hard metal and cutting knives
- Low maintenance costs
- Very long lifetime: granulators more than 25 years old are still operating
- Broad product line with entrance from 55-520 mm and no. of knives from 2-12 on the rotor



The complete Lundberg Tech range of granulators and cutters are all developed, produced and assembled in-house. This enables us to meet the highest quality standards and assure our customers maximum cutting efficiency.

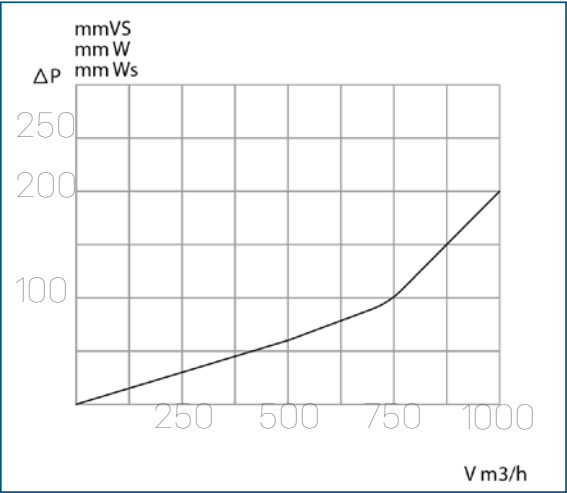


# GR 80

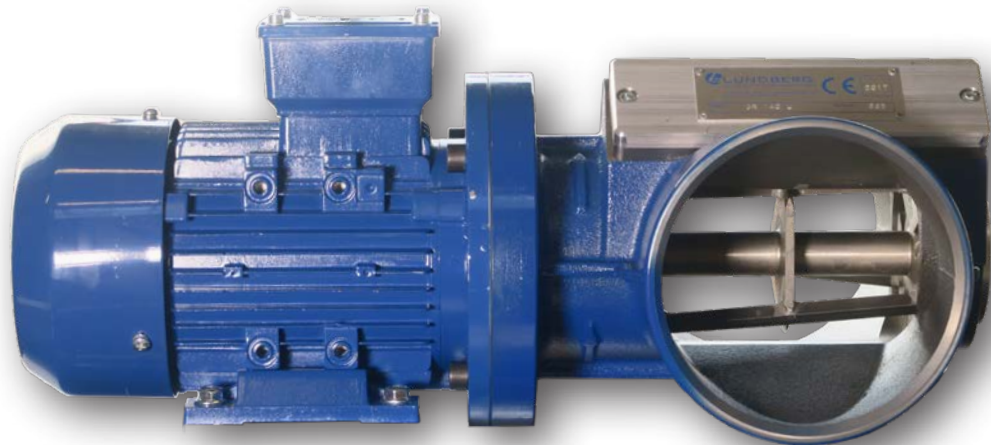


## INFORMATION

Granulator housing	Cast iron.
Motor standard	0,55kW (0.74 HP) type M71, 1400/2800 rpm
Power	3 Phase, 230-460V, 50-60 Hz
Nom. amperage	1,20A
Fuse	10 Amp.
Knives	Hard-metal
Piping	Dia. 125 mm (5")
Transmission	Direct coupling
Weight incl. motor	20 kg (44 lbs)
Weight excl. motor	12.5 kg (28 lbs)
Colour	Ral 5010
Noise level	60 dB (A)
Minimum thickness	20 microns (0.0007")

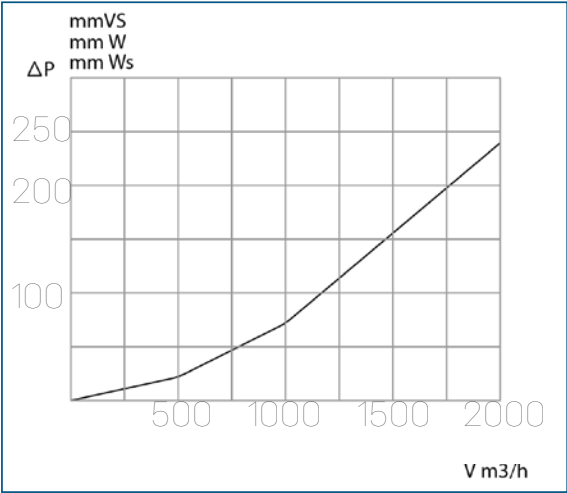


# GR 140

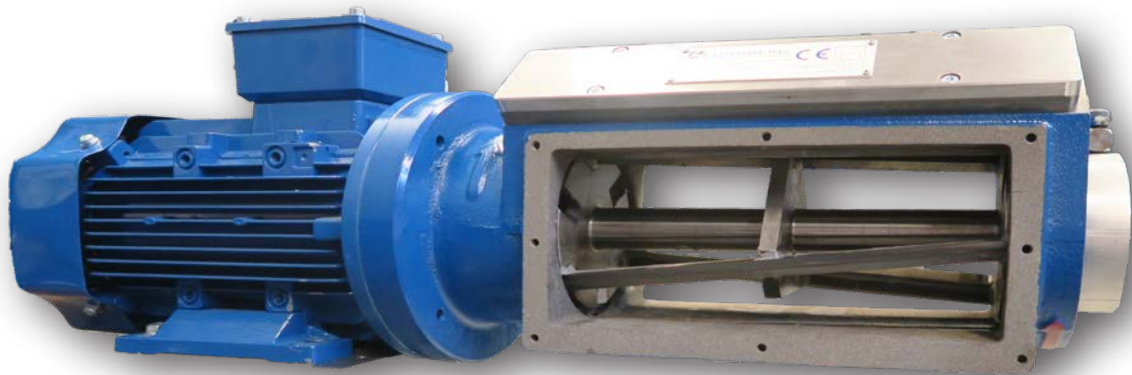


## INFORMATION

Granulator housing	Cast iron.
Motor standard	0,75kW (1 HP) type M80, 1400/2800 rpm
Power	3 Phase, 230-460V, 50-60 Hz
Nom. amperage	1,75A
Fuse	10 Amp.
Knives	Hard-metal
Piping	Dia. 160 mm (6")
Transmission	Direct coupling
Weight incl. motor	32 kg (71 lbs)
Weight excl. motor	20 kg (44 lbs)
Colour	Ral 5010
Noise level	60 dB (A)
Minimum thickness	10 microns (0.0003")

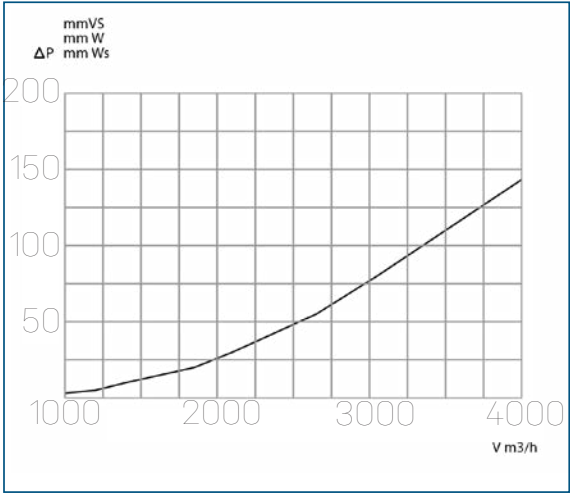


# GR 200

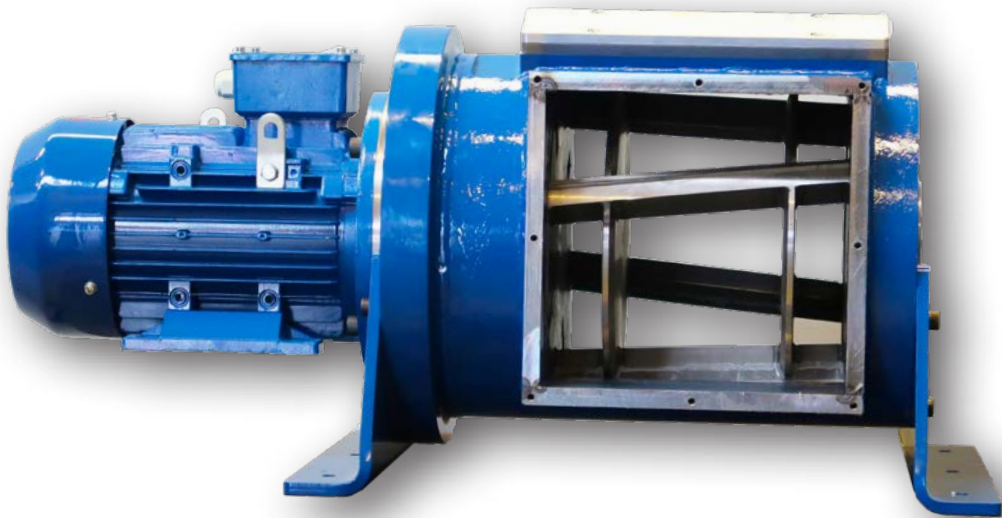


## INFORMATION

Granulator housing	Cast iron.
Motor standard	1,50kW (2 HP) type M90, 1400/2800 rpm
Power	3 Phase, 230-460V, 50-60 Hz
Nom. amperage	3,50A
Fuse	10 Amp.
Knives	Hard-metal
Piping	Dia. 160-250 mm (6" - 10" )
Transmission	Direct coupling
Weight incl. motor	42 kg (93 lbs)
Weight excl. motor	25 kg (55 lbs)
Colour	Ral 5010
Noise level	60 dB (A)
Minimum thickness	10 microns (0.0003")

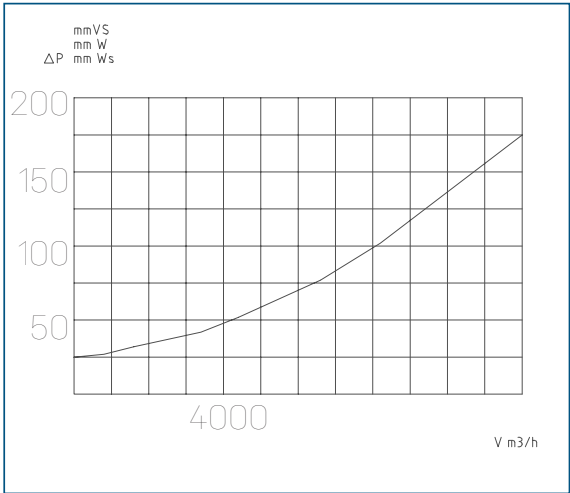


# GR 250X



## INFORMATION

Granulator housing	High-carbon steel
Motor standard	3,00kW (4 HP) type M100, 1400/2800 rpm
Power	3 Phase, 230-460V, 50-60 Hz
Nom. amperage	6,30A
Fuse	16 Amp.
Knives	Hard-metal
Piping	Dia. 200-400 mm (8" - 16")
Transmission	Direct coupling
Weight incl. motor	205 kg (452 lbs)
Weight excl. motor	180 kg (397 lbs)
Colour	Ral 5010
Minimum thickness	20 microns (0.0007")



# Customised Granulators & Cutters

GR 670

## Steel series



Granulator housing	High-carbon steel
Motor standard	Customised, 1400/2800 rpm
Power	3 Phase, 230-460V, 50-60 Hz
Nom. amperage	4,00A
Fuse	10 Amp.
Knives	Hard-metal
Inlet/outlet width	55 to 520 mm (2.1" to 20.5")
Inlet/outlet height	55 to 70 mm (2.1" to 2.7")
Piping	Customised
Transmission	Direct coupling
Colour	Metal
Noise level	60 dB (A)
Minimum thickness	20 microns (0.0007")

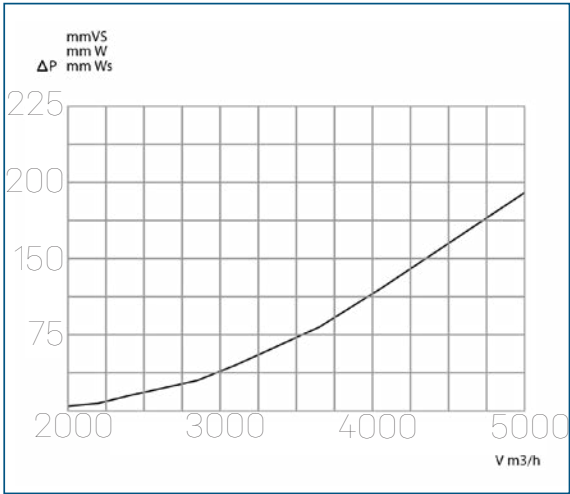
Customised to application with inlet/outlet width from 55 to 520 mm (2.1" to 20.5") and height from 55 to 70 mm (2.1" to 2.7").

## Stainless series



Granulator housing	Stainless steel
Motor standard	Customised, 1400/2800 rpm
Power	3 Phase, 230-460V, 50-60 Hz
Nom. amperage	4,00A
Fuse	10 Amp.
Knives	Hard-metal
Inlet/outlet width	55 to 520 mm(2.1" to 20.5")
Inlet/outlet height	55 to 70 mm (2.1" to 2.7")
Piping	Customised
Transmission	Direct coupling
Colour	Metal
Noise level	60 dB (A)
Minimum thickness	20 microns (0.0007")

Customised to application with inlet/outlet width from 55 to 520 mm (2.1" to 20.5") and height from 55 to 70 mm (2.1" to 2.7").



## INFORMATION

Granulator housing	High-carbon steel
Motor standard	1,50kW (2 HP) type M90, 1400/2800 rpm
Power	3 Phase, 230-460V, 50-60 Hz
Nom. amperage	3,50A
Fuse	10 Amp.
Knives	Hard-metal
Inlet/outlet width	670 mm (26")
Inlet/outlet height	60/80 mm (2,4"/ 3,1")
Transmission	Direct coupling
Weight incl. motor	129 kg (284 lbs)
Weight excl. motor	100 kg (220 lbs)
Colour	Ral 5010
Minimum thickness	50 microns (0.0019")



# OPTIONS

Lundberg Tech's granulators and cutters can be customised to dedicate the performance and to handle various materials.

Options are available to:

- Handle various materials
- Increase capacity
- Neutralise adhesive
- Cut to specific size
- Handle ultra thin and abrasive materials

## Lubrication system

Unique system to add silicone oil through the rotor's center axis to lubricate knives for handling adhesive material.



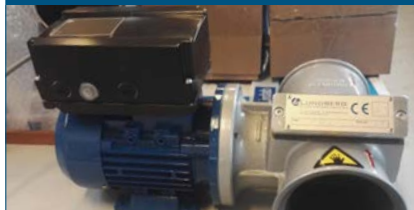
## Non-stick coating

Special non-stick surface inside granulator to prevent adhesive material sticking to the surface.



## Frequency motor

Variable speed drive to adjust the number of cuts per minute to the speed of the process machine in order to control the waste size.



## 2-3-6-9-12 knives on rotor

Variable number of rotor knives. The number of knives will be adapted to the requested cutting result and required length of pieces.



## Ultra thin material

Rotor design for ultra thin materials, based on a CNC 3 step sharpening and balancing process. It increases cutting efficiency when handling materials below 10 micron.



## Extra wear resistance

A special coating ensures superior durability and is not matched by any granulator in the industry. It has a proven four times longer lifetime.



## Gear motor

To cut very special thick heavy material a gear motor with increased torque is required.



## Hole shield

Cut the waste to a specific size either to ease recycling or handle high value items by continuously cutting until it can pass through the hole shield.



## No center axis

The rotor can be customised to meet specific requirements. We recommend no center axis at high process machine speed and stiff material.



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