



DIPRE

s.r.l.

GRANULATION

G / GRS

ON BOARD GRANULATORS - G / GRS

The cutting chamber is the heart of the granulator: the cutting system is based on a completely different concept to that of all other granulators available on the market. The 45° inclination of the entire cutting unit permits full exploitation of the machine in terms of quantity of feed material and scrap ground simultaneously. The cutting chamber is easily accessible, enabling considerable timesavings and more efficient cleaning.

G - G 130 serial

G 130, thanks to its compact dimensions (total width: 350 mm) is suitable for use with low tonnage machines. It shares the same design philosophy as the rest of the GRS series. The blade rotor is positioned on the respective shaft, thus facilitating any maintenance operations that may be required. The standard motor is 1.5 kW, a 2.2 kW motor can be fitted on request.

GRS serial

GRS 182 (A7, A9-A and A9-B), a classic in-line granulator, ideal for grinding small and medium sized feed chute material and small pieces of production scrap. It is available in various versions according to the type of feeding and use of the ground material. The standard motor version is 2.2 kW; a 4 kW engine can be fitted on request.

The low number of revs per minute and good insulation mean that the level of noise produced by this apparatus during use is very low.

GRS 183 (A7, A9-A, e A9-B), differs from the GRS 182 in that it has fewer blades (4 instead of 7). It is consequently more suitable for the grinding of feed material and pieces produced by blowing machines or of a roundish shape.

GRS 252 (A9), equipped with 10 rotating and 2 fixed blades. The cutting chamber is larger than that of the previous models and enables larger pieces to be ground, with higher outputs of ground product. It can be fitted with either a 5.5 or a 7.5 kW, motor.

GRS 253 (A9), differs from the GRS 252 in that it is equipped with fewer blades (4 instead of 10). Like the GRS 183 granulator, this model is best suited for waste pieces from blowing machines (bottles, detergent containers). A special version is available with just 2 blades, thus making it possible to grind containers with a capacity of 3-5 litres.

DIPRE granulators advantages (for all on board granulators)

- > Blades in high-speed steel (HSS)
- > Lower part of the hopper made in cast iron
- > Inclined rotor (higher production with lower power consumption)
- > Energy saving
- > Cutting chamber widely open for maintenance and cleaning
- > Top reliability when granulating conditions are critical



G 130 A7



GRS 182 A7

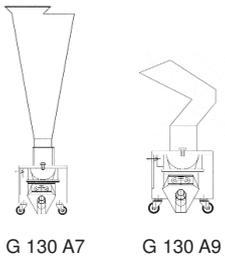


GRS 253 A9.A

Hoppers of G 130, GRS 182, GRS 183, GRS 252, GRS 253 can satisfy any feeding for granulator:

- > A7 indicates hopper for spruepicker
- > A9.A indicates hopper for manual feeding, conveyor belt, spruepicker
- > A9.B indicates hopper for manual feeding and conveyor belt

Hoppers and cutting chambers G and GRS

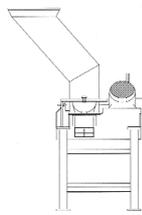


G 130 A7

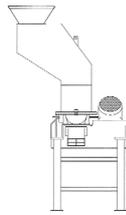
G 130 A9



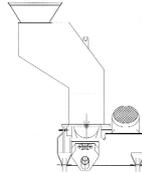
Cutting chamber G 130



GRS 182 A7
GRS 183 A7



GRS 182 A9.A
GRS 183 A9.A



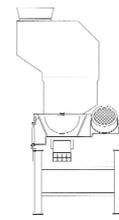
GRS 182 A9.B
GRS 183 A9.B



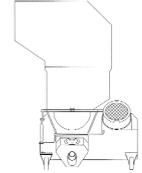
Cutting chamber GRS 183



Cutting chamber GRS 182



GRS 252 A9.A
GRS 253 A9.A



GRS 252 A9.B
GRS 253 A9.B

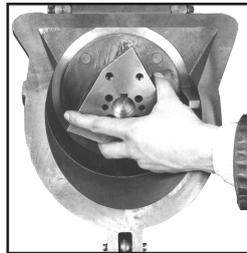
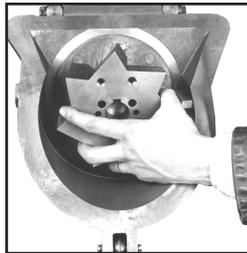


Cutting chamber GRS 252



Cutting chamber GRS 253

Interchangeable rotor (only for G 130, GRS 182 and 183)



When granulating particularly critical materials, e.g. materials loaded with a high percentage of fiberglass, the blade unit is mounted on the shaft of the rotor, ensuring easy and rapid maintenance of worn parts.

Technical data and dimensions

Technical data	G 130	GRS 182 / 183	GRS 252 / 253
Power	1,5 - 2,2 kW	2,2 - 4 / 2,2 - 4 kW	5,5 - 7,5 / 5,5 - 7,5 kW
RPM	250	300 - 470	350 - 650
N° blades	3	7 / 3	10 / 4
N° counterblades	1	1 - 2	2
Dimensions of hoppers	A7 = mm 240 x 220 A9 = mm 220 x 150	A7 = mm 370 x 360 A9.A = mm 370 x 360 A9.B = mm 265 x 220	A9.A = mm 430 x 620 A9.B = mm 430 x 620
Total dimensions (length. x depth. x height - mm.)	A7 = 320 x 900 x 1600 A9 = 600 x 900 x 1030	A7 = 900 x 660 x 1385 A9.A = 900 x 530 x 1300 A9.B = 900 x 460 x 1240	A9.A = 870 x 940 x 1735 A9.B = 870 x 700 x 1380
Prod. Kg/h (± 10%)	kg/h 8 - 10	15 - 20 kg/h	60 - 70 kg/h



www.dipre.com

DIPRE Italy
via Giotto, 52 - I 20051
Limbrate (MI) - ITALY
T +39 02 99489120
F +39 02 99489121
dipre@dipre.com
www.dipre.com

DIPRE Slovenia
Copova 23 - SL 3000
Celje - SLOVENIJA
T +386 3 4909630
F +386 3 4909631
info@dipre.si
www.dipre.net

DIPRE India
NU-VU Engineers
2003, Phase IV, G.I.D.C.
Vatva - 382445
Ahmedabad - INDIA
T +91 79 30985993
F +91 79 25836164
nuvu@dipre.com