

# series 80

- Working width **50 mm**
- Rotor diameter **80 mm**
- Motor output **0.75- 1.1 kW**
- Number of rotor knives **3**
- Number of stator knives **2**
- Rotor speed **160-280 r.p.m.**
- Nominal weight **appr. 43 kg**
- Grinding output **appr. 1-5 kg/h**
- Dimensions (WxLxH) **500x329x640 mm**

## Some benefits:

- \_ quick sieve and knife change
- \_ no need to adjust the rotor knife
- \_ knives can be reground several times
- \_ very quick and easy to clean
- \_ ideal granulate quality
- \_ opening without tool
- \_ external bearing, dust resistant
- \_ CE certified



**M 50/80**

## Universal, high performance machine-side granulators

*Mini with high performance - processing of the smallest sprues*

The small, compact *Hellweg* 80 series of beside-the-machine granulators are used directly mounted on the frame of an injection moulding machine or beside-the-machine. There they grind, among others, sprues arising from small to very smallest components and products in so-called micro injection moulding of, for example, mobile phones in telecommunications, or medical products such as syringes, drain tubes, etc.

Other application fields are the laboratory area and model construction.



M 50/80 gear drive



M 50/80 laboratory



M 50/80 industry

[more >>](#)



# Hellweg granulators hold ***Pole-Position***



*Hellweg Maschinenbau* constructs machinery and equipment in its own production facilities, including especially setting up of systems for specific customer tasks, for customers in the plastics and recycling industries throughout the world. The production range covers machine-side mills, granulating mills, edge strip granulators, edge strip feeding equipment, film shredders, as well as extraction and dust removal plant including accessories.



**Hellweg**

[www.cutting-mills.com](http://www.cutting-mills.com)



## ***series 80***

**Mini with high performance for processing valuable plastics waste**  
*Processing of the smallest sprues and moulding parts*

*Hellweg* granulators are used by plastic processing companies to compound thermoplastic waste arising from production – especially engineering thermoplastics such as ABS, PA, PBT, PC, POM, but also PE and PP, involving dosing of ground material again with virgin material during running production, or addition of the material in another application at a later stage. The material to be handled falls into the cutting chamber of the *Hellweg* granulator via a guiding chute and is repeatedly shredded by cutting between rotating and fixed knives, until it passes an attached sieve as ground material. The sieve extends over the lower half of the grinding chamber and is exchangeable. This enables appropriate sieve perforation to be used for the particle size required.

### **Characteristics:**

- \_ new innovative chamber technique
- \_ gear- and belt drive versions
- \_ high quality long-life knives
- \_ ideal granulate quality with very low dust
- \_ co-rotating rotor discs prevents material trapping between rotor and housing
- \_ easy and fast handling
- \_ almost maintenance-free
- \_ serial connector for suction
- \_ special sieves guarantee constant grain sizes
- \_ structural design for easy, complete cleaning through absence of dead corners

M 50/80 gear drive version



M 50/80 belt drive version

**Test it !**

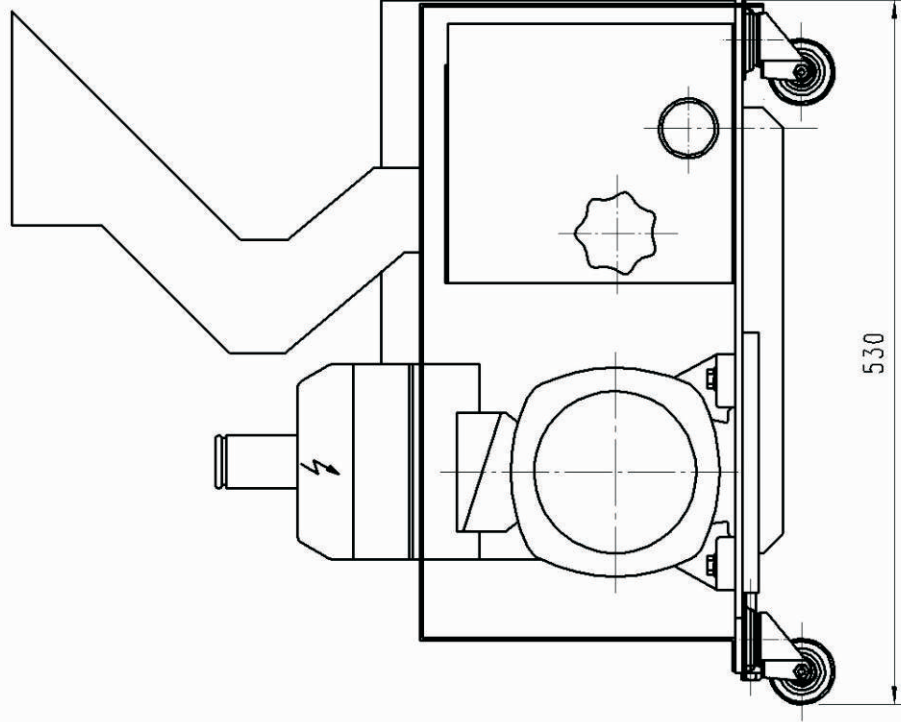
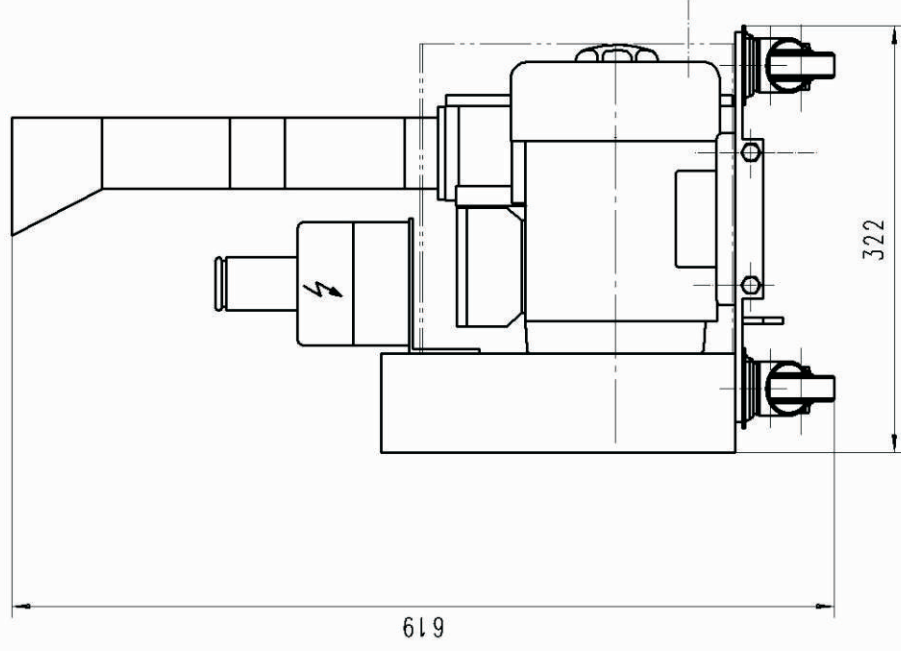
After a brief agreement, simply send us a sample of the material to be granulated. We will then select a suitable granulator for your application and carry out trial granulation. We will then receive the result returned in the form of granulate for your examination, without any obligation on your part.



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**M 50/80**  
**Belt drive version**

- Working width  
– **50 mm**
- Rotor diameter  
– **80 mm**
- Motor output  
– **0.75- 1.5 kW**
- Number of rotor knives  
– **3**
- Number of stator knives  
– **2**
- Rotor speed  
– **280 r.p.m.**
- Nominal weight  
– **appr.48 kg**
- Grinding output  
– **appr.1-5 kg/h**
- Dimensions (WxLxH)  
– **530x322x619 mm**



Projekt	Maßstab: 1:4		Gewicht:	
			(Dose name) PDF Mapblätter W 50-80 - Keilriemen (Identnummer) PDF Mapblätter W 50-80 - Keilriemen (Benennung)	
	~	12A	3A	M 50/80
	Copy-Datum	05.04.2006		
	Datum	None		
	Bearb.	25.11.2027	Stonex	
	Gepr.			
	Halving-Maschinenbau GmbH & Co. (G) Vertrieb: H 55959 Reilgen Tel: 05271-4254 Fax: 05271-4430			
				
Zust./Änderung	Datum	None	Urspr.:	
			(Ers.f.)	(Ers.d.)
			(Zeichnungsnummer)	Blatt
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