

# TREFFLER Milling Machinery

## QUALITY STARTS WITH MILLING!

**millomat**  
SERIES



✓ Gentle grinding

✓ 100% flour yield

✓ No residue

✓ Completely dust-free

✓ Quick changeover

✓ Universal use

TREFFLER Millomat. Fully automatic. Fully efficient. Full production, hour after hour.

# ANATOMY OF THE MILLOMAT

What makes the Millomat so special?



## 1 The mill

The core of the Millomat is its patented mill, which consists of a strike plate and milling discs.

## 2 The feed mechanism

Grain is fed in by volume, building up a cushion of flour in the mill that protects the grain during milling.

## 3 Pneumatic transport

The flour is gently drawn off out of the mill chamber by a vacuum, directly through the sieve, and transported onward.

## 4 Filter technology

The jet filter enables the Millomat to run 24 hours a day. The flour dust that is filtered out is returned to produce a flour yield of 100%.

## 5 Controller

Intuitive displays make the Millomat easy to operate.

## 6 The output station

The Millomat maintains a vacuum all the way to the output station. This keeps the surrounding area absolutely free of flour dust.

## MILLOMAT VARIANTS

### Technical details

Power  
Weight  
Capacity

**80**  
MILLOMAT  
10.55 kW  
approx. 600 kg  
approx. 80 kg/h

**100**  
MILLOMAT  
10.8 kW  
approx. 800 kg  
approx. 100 kg/h  
opt. up to 150 kg/h

**300**  
MILLOMAT  
24.5 kW  
approx. 1200 kg  
approx. 300 kg/h

**500**  
MILLOMAT  
42.5 kW  
approx. 1800 kg  
approx.  
500 - 650 kg/h

### Options

LED signal lamp  
Remote maintenance  
Magnetic separator  
Air cleaner for cleanout chute  
Color touchscreen

### Add-ons

Multicutter  
Multicrusher  
BIG BAG outputstation with sackrack

# YOUR FLOUR IS UNDER CONTROL WITH TREFFLER

We can help you plan and organize your flour packaging, with big bags, crates, sacks, and much more.



## PRODUCTS FOR MILLING

In addition to common types of grain, the mill can process pseudograins, legumes, and even herbs.



Spelt



Chickpeas



Oregano



Rye



Buckwheat



Turmeric

## SIEVE ANALYSIS

Grinding spelt grains in the Millomat



Sieve size	2.00 mm	1.00 mm	0.70 mm	0.50 mm	0.40 mm
> 1400 $\mu$	17%	1%	-	-	-
> 710 $\mu$	38%	39%	30%	11%	5%
> 315 $\mu$	6%	8%	9%	11%	3%
> 250 $\mu$	11%	13%	16%	20%	25%
> 160 $\mu$	28%	38%	42%	58%	67%

## FOR EVERY USER GROUP

Specific, customized solutions for every stage in the value chain



**Bakers**

**The best flour:**  
The oxygenation effect of the air incorporated in the flour gives the best volume yield for baked goods.



**Millers**

**A perfect addition:**  
Modular design provides many options for integrating in existing systems.



**Farm markets**

**From 5 kg to 500 kg:**  
The Millomat grinds small batches with no losses for 100% flour yield.



**Herbs & spices**

With the Treffler Multi-cutter or Multicrusher, **products that would clog up the hopper** such as herbs and spices can be pre-cut and then ground.

## Our satisfied customers



**cibaria**  
BioVollkornBäckerei

  
ÖLMÜHLE  
OBERSCHWABEN

## Tested by experts

The German Federal Research Institute for Nutrition, or Max Rubner Institute (MRI), and the Institut for Grain Processing (IGV) have selected Millomat over many other providers. Ease of use, top grinding results, and clean, hygienic processing are the key features that convinced the institutes to buy the Millomat. There can be no greater recognition of the Millomat than this. Bakers who use the Millomat know what makes their baked goods so excellent – quality starts with milling!

**TREFFLER Maschinenbau GmbH & Co. KG**

Reichersteiner Straße 24  
86554 Pöttmes-Echsheim | Germany  
phone: +49 (0) 82 53/99 58-0  
fax: +49 (0) 82 53/99 58-70

info@treffler.net  
www.treffler.net



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The product video:

