

# spice grinding plants Gewürzmahlanlagen

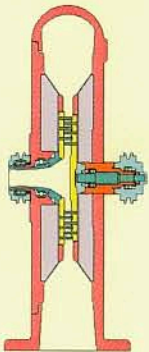




## Model REKORD (x)WG in three sizes

Thanks to their broad range of application, especially for spices having high oil content and those sensitive to heat, which other milling systems are not suited for, the REKORD (x)-WG line of wide-chamber pinned disk mills are considered the spice mills providing the best final product. Continuous operation over long periods of time can be achieved even for spices which are difficult to pulverise.

# Wide-chamber-milles Weitkammermühlen



### Model REKORD 224-WG:

Milling at normal temperature

Spice	Capacity approx. kg/h	Fineness approx. 95% <math>\mu\text{m}</math>
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Anise (seed)	90-140	1000 $\mu\text{m}$
Chiles, whole		
Pods	110-140	750 $\mu\text{m}$
Fennel (seed)	70-90	1500 $\mu\text{m}$
	90	600 $\mu\text{m}$
Ginger	50-70	300 $\mu\text{m}$
Cardamom	90	400 $\mu\text{m}$
Caraway	60-90	700 $\mu\text{m}$
(*2nd grinding)	60-90	420 $\mu\text{m}$
Coriander	190	630 $\mu\text{m}$
Mace	140-190	1000 $\mu\text{m}$
Nutmeg	90-190	1200 $\mu\text{m}$
	140-190	800 $\mu\text{m}$
	140-190	600 $\mu\text{m}$
Cloves	60-90	500 $\mu\text{m}$
	90	850 $\mu\text{m}$
Paprika	190	400 $\mu\text{m}$
Paprika seeds	190	650 $\mu\text{m}$
Pepper	90-140	200 $\mu\text{m}$
Pigmente	140	500 $\mu\text{m}$
Mustard seeds	190-240	500 $\mu\text{m}$
	90-140	400 $\mu\text{m}$
Staranise	140	400 $\mu\text{m}$
Juniper berries	140-190	1500 $\mu\text{m}$
Cinnamon	140	200 $\mu\text{m}$

### Wide-chamber mills

Performance factors (F) of the most common models:

Model REKORD 224-WG F = 1

Model REKORD 315-WG F = 1.8

Model REKORD 450-WG F = 3

The speed and rotational direction of the two pin disks can be chosen so that even when fine-grinding the volatile oils are preserved.

Since the millability of spices varies greatly with oil and fibre content, only approximate values can be provided. Factors affecting this include the special climate conditions, harvesting area of the spice, etc.

## Model REKORD impact mills in four sizes

These mills offer flexibility with a variety of interchangeable grinding tools, which today along with the actual grinding performance is becoming every more necessary. As low-maintenance, rugged all-round mills they are renowned in the spice industry around the world from seed to the finest powder quality excepting product having a very high oil content.



## Impact-milles Feinprallmühlen

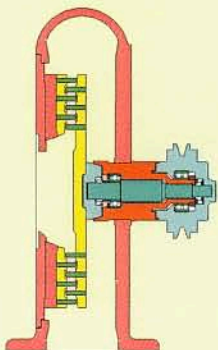


### Model REKORD 315:

Milling at normal temperature

Spice	Capacity approx. kg/h	Fineness approx. 95% <math>\mu\text{m}</math>
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Basil, with 50% marjoram	140	600 $\mu\text{m}$
Tumeric	150	180 $\mu\text{m}$
Curry	200	450 $\mu\text{m}$
Ginger	100	220 $\mu\text{m}$
	200	400 $\mu\text{m}$
Cardamom, whole	80	180 $\mu\text{m}$
Garlic	200	160 $\mu\text{m}$
Coriander	150	450 $\mu\text{m}$
Caraway	100	700 $\mu\text{m}$
Marjoram	150	600 $\mu\text{m}$
Paprika	250	550 $\mu\text{m}$
Pepper	150	400 $\mu\text{m}$
Thyme	80	130 $\mu\text{m}$
	800	2000 $\mu\text{m}$
Cinnamon	160	150 $\mu\text{m}$



### REKORD impact mills

Performance factors for the most common models:

Model REKORD 224  $F = 0.4$

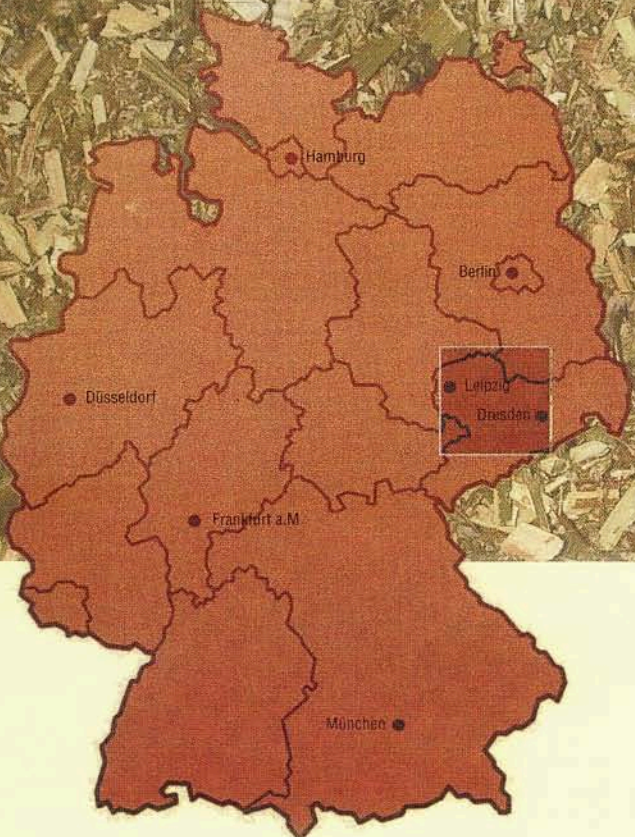
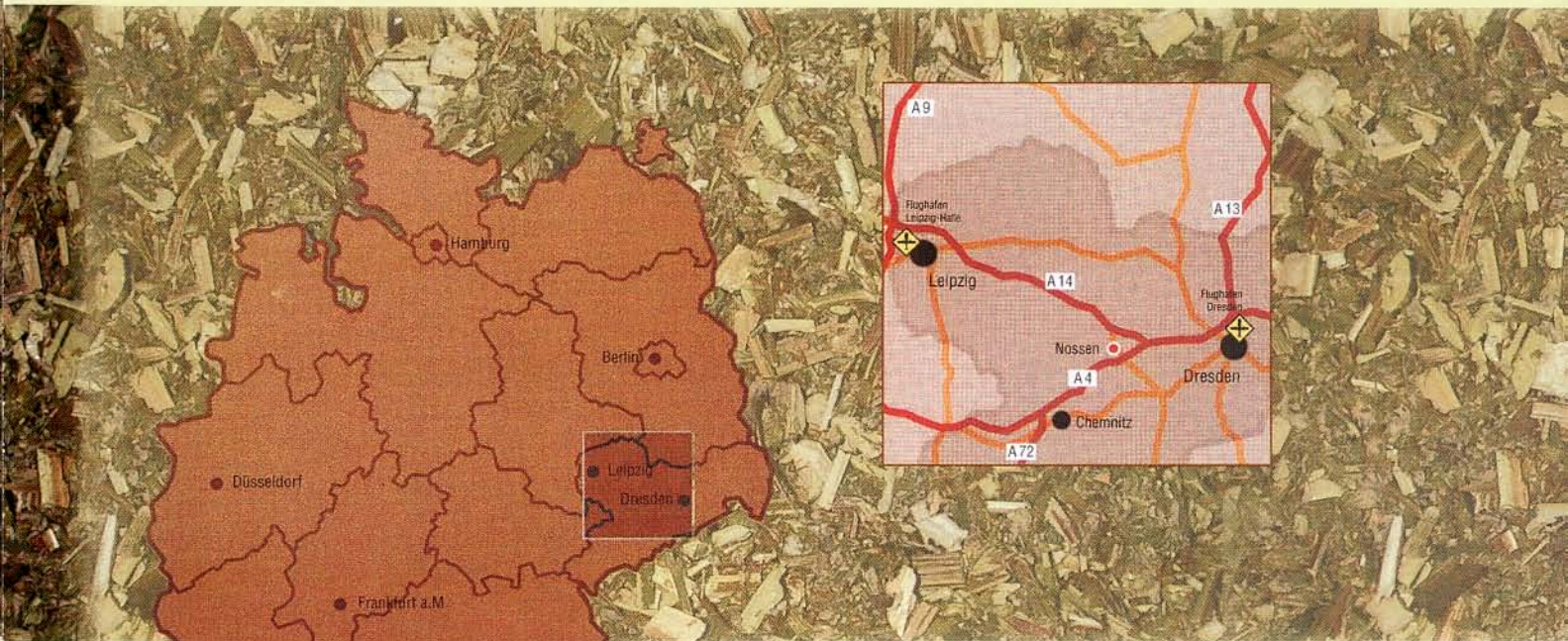
Model REKORD 315  $F = 1$

Model REKORD 450  $F = 1.8$

Model REKORD 630  $F = 3.6$

The product-specific properties, especially the wear effects, are what mainly determine the selection of a mill. REKORD mills with interchangeable tools are preferred for fine pulverising of root vegetables, seeds, shells, fruit skins with high ash content and very hard kernels such as rose hips, etc..

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