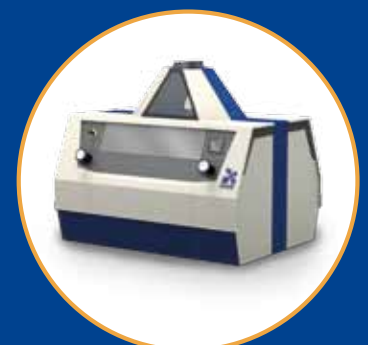




Member of the PETKUS Group



## Double Rollermill WS 4C

*Create your own rollermill design*

- Colour concept
- Low construction height
- Automatic gap adjustment
- Single roll drive as option
- Different roll diameter 250/300 mm
- Modern design
- Simple handling and maintenance
- ATEX conformity available on request
- Improved sanitation

# New Rollermill WS 4C



The rollermill is a key machine in a flour mill and MMW helps customers creatively integrate new rollermills into their existing mills as well as into new projects. The new MMW “WS 4C Rollermill” meets the demands of many milling challenges from gentle milling of grains and semi-finished goods through to final products as well as the milling of other products typically used in the food industry.

## Description

The product to be milled is fed into the intake on the top of the machine where built in load cells ensure a regulated and continuous product flow. The product is evenly distributed across the milling gap through the in-feed rolls and in-feed flap. The milling gap can be adjusted by a manual handwheel or by an automatic gap adjustment system.

The product is then milled by the pressure and shearforce created between the milling rolls after which the milled product falls downwards and is transported to the next processing step either pneumatically or mechanically. The rollermill can also be equipped with a direct pneumatic suction system which transports product upwards and is useful in low buildings.

The milling process can be adjusted to meet product requirements through several variable factors (roll gap setting, peripheral speed, fluting of rolls, roll feeding) subject to the raw material type and the milling target. Two modern touch panels show the machine status and key process data. The controls system is driven by either a single-SPS system or a central control system.

## Application

- Wheat flour mills
- Rye mills
- Maize mills
- Starch mills
- Spice mills
- Edible oil industry
- Pharmaceutical industry
- Chemical industry
- Feed industry
- Sugar industry

## Features

- Low construction height
- Roll diameter 250 mm or 300 mm
- Individual roll drive possible
- Automatic gap setting on request
- Modern design
- Easy operation
- Automatic control of product in-feed and outlet
- Change of milling rolls by package or individually
- Optimized sanitation
- Product discharge by gravitational pull or pneumatic suction
- Product contact parts made of stainless steel
- ATEX-conformity



## Technical Data

		WS 4C-600	WS 4C-800	WS 4C-1000	WS 4C-1250	WS 4C-1500
Length	mm	1 400	1 600	1 800	2 050	2 300
Width	mm			1 360 (250 / 300)		
Height	mm			1 230 (250 / 300)		
Weight	kg	2 700	2 900	3 100	3 400	3 700
Main drives	kW			7.5 to 45		
Feeding drives	kW			0.37 to 0.75		