

## New roller mill WS 4B - reliable product and news

IAOM Middle East and Africa district  
Conference & Expo Capetown 2014

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## future of rollermills ?



- maximum production safety
- full operational availability
- optimized energy consumption
- optimized sanitation

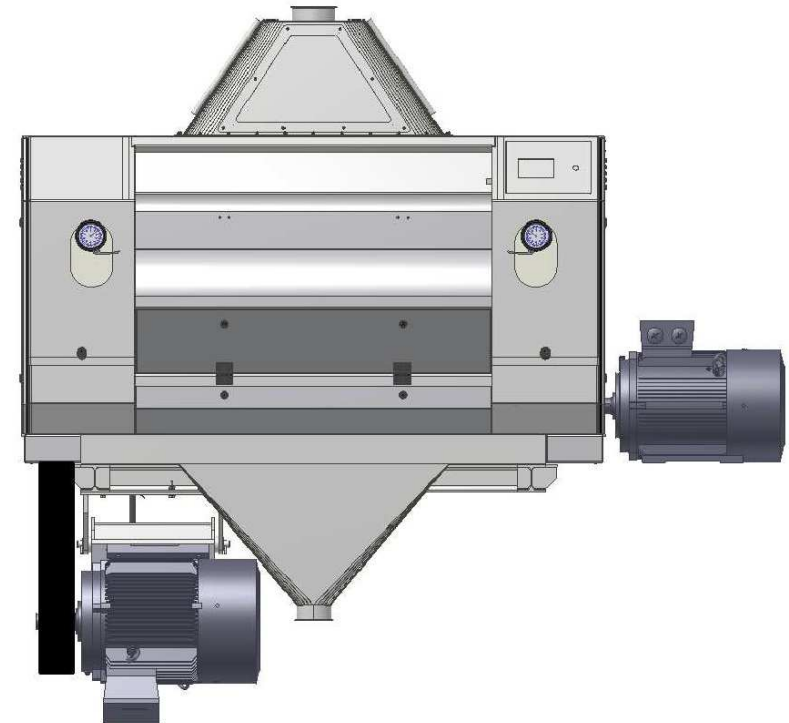
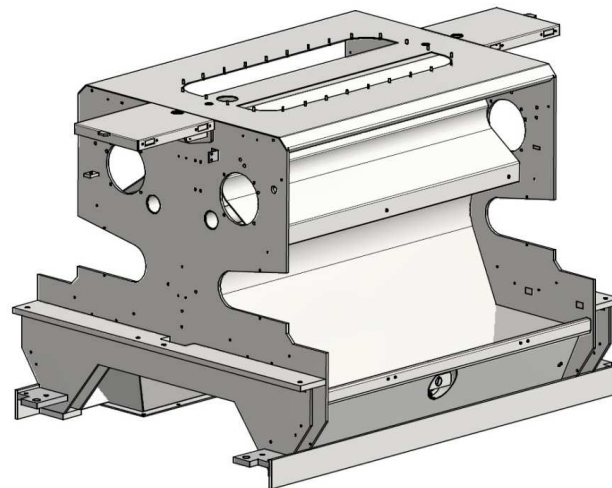


## Rollermill WS 4B

- solid weldment
- stainless steel , consistently welded
- hopper outlet or pneumatically direct top product lifting

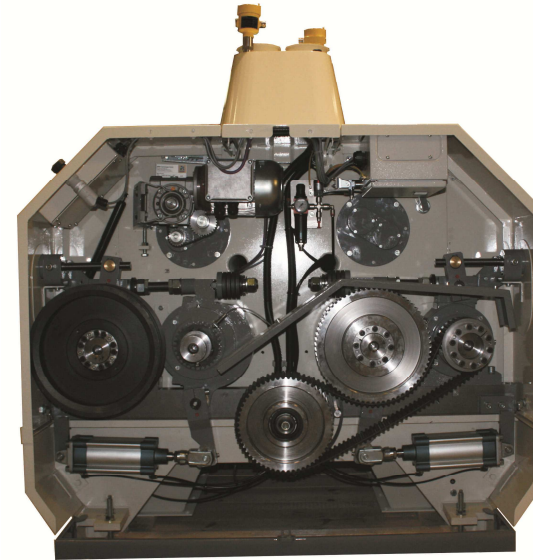
### drives

- energy-efficient
- different installation possibilities
- optional machine frames



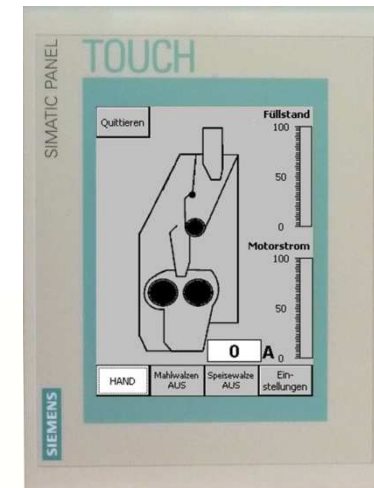
## Rollermill WS 4B

- fast accessibility
- lined front hatch
- single or package roll change



## Rollermill WS 4B

- sturdy
- reliable
- maintenance-friendly
- ATEX - conformity
  
- automatic control
- single PLC or central PLC
- Siemens Touch-Panel
- „Made in Germany“



## Manufacturing in Wittenberg / Germany

- casing manufacturing
- mechanical manufacturing
- milling rolls finishing acc. to diagramm
- coloring
- final assembling
- test run



## MMW WS 2 Rollermill

- based on Rollermill design
- used also in feed industry
- milling length 800mm, 1000mm, 1250mm,1500mm
- rolls individually driven
- single passage with integrated by-pass



## Rollermills WS2, WS4B und WS8

- 2, 4 and 8 - Rollermills
- Milling length 600 bis 1.500 mm





## Rollermills for special applications

- Oilseed industry
- Chemical industry
- Feed industry
- Pilot and experimental plant

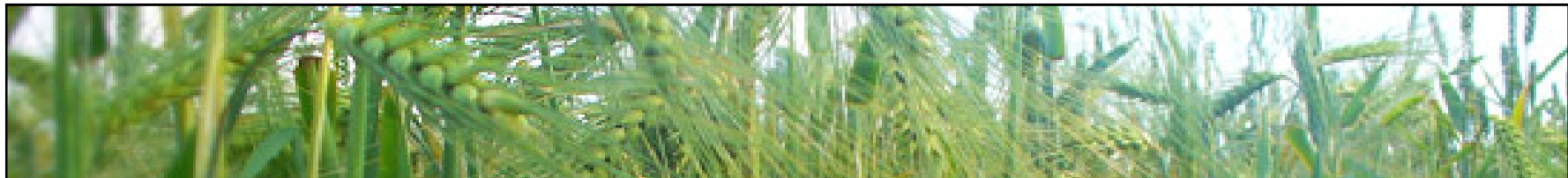


**MMW Technologie GmbH  
PETKUS Technologie GmbH  
ROEBER Institute**



**Strong Seed. Healthy Grain.**

**in grain storage, grain handling and grain processing**



# ROEBER OptoSelector OS900

## Typical Applications

- Cereals: Remove Ergot, Fusarium, and Foreign Grains (ex: separation of Wheat & Barley).
- Corn/Maize: Remove diseased and broken grains, and Reduce mycotoxins (DON).
- Soya: Remove immature, diseased and other grains.
- Sunflower, Rice, Almond, Peanuts, Pulses, Beans, etc.



## TeachNSort Software:

Each Individual Grain is Displayed and Recognised



## Geometric Recognition:

In addition to RGB analysis each grain can be sorted by Geometric parameters like:

- Area
- Length
- Width
- Stretch
- Compactness
- Symmetry



	Feature	Min	Max
<input checked="" type="checkbox"/>	Area (mm <sup>2</sup> )	0	0
<input type="checkbox"/>	Length (mm)	0	0
<input type="checkbox"/>	Width (mm)	0	0
<input type="checkbox"/>	Stretch	0	0
<input type="checkbox"/>	Compactness (%)	0	0
<input type="checkbox"/>	Symmetry	0	0

## OS900, Key Points:

1. Full Colour **RGB** Technology: Better distinction and no need to change parts.
2. Individual Inspection of Each Grain by **RGB** Colour AND Geometry.
3. Self-Learning Software ***"TEACH THE GOOD, REJECT THE REST!"***
4. High Accuracy Ejection: Better quality with Less Rejects.
5. Low Maintenance and Low Consumption (LED and No Air-Conditioning).
6. Remote Access & Support via Secured Internet.
7. Robust and Sealed Construction.
8. User-Friendly and Fully Customisable Operator Mode.
9. Easy Backups.



Welcome at booth C 15

Thanks for your attention

**Frank Spalek**

MMW sales director

[www.mmw-group.com](http://www.mmw-group.com)