Cakes and confection cutting machines TKSM

Vertical slicer for cutting of round and rectangular baking goods

exact cut • quality at first glance
Cakes and confection cutting machines

• series TKSM •

» Double blade system
  - perfect cutting results, via reciprocating blade motion
  - for various requirements are different microsections and shape of blades available
  - long life time of the blades by branded quality steel

» OLM
  - as simplification measure for cleaning and maintenance, the knife drive and electronically elements are positioned above the working space
  - round-cutting unit and conveyor for linear cut could be removed for cleaning and maintenance

» Blade heating
  - up to 150°C/300°F according to requirement via parameter adjustment

» Simple use and control
  - TFT touch display with icon-guided user interface
  - menu-guided machine control (VPS - visual programming system)

» Blade cleaning system
  - automatically blade cleaning system as optional equipment
  - Innovative system, cleans blade with both steam and suction power between the cutting cycles

» Working ergonomics
  - the round-cutting unit can be easily pulled by the worker for an comfortable positioning and removal of the products
  - LED lighting for the working space, shows also the operating mode of the machine
    - green - operable
    - white - work in progress
    - red - intrusion in security space
TKSM machines for cutting of round baking products

[ TKSM-R ]

General:
- Round-cutting unit for an exact portioning of round products like tarts, pies, etc.
- Simultaneously cutting of two products
- Max. diameter 285mm / 11.2 in. at TKSM-R 620
- Max. diameter 320mm / 12.6 in. at TKSM-R 820
- Cutting from 2 up to 24 pieces
- Fully automatic process guarantees consistently high performance and quality
- Flexible adjustment of the cutting process to the product characteristic

“TWS” cutting machine has a changing system for the cutting plates available:
- Two plates in cutting position
- Two plates in positioning/removal position
- High efficiency by avoidance of working breaks by simultaneous loading/unloading and cutting
- Clocked turning of the cutting plates ensues automatically according to the running program

Maximum ease of use:
- TFT touch display with icon-guided user interface
- Only one-time depositing of the cutting parameters per product type
- Automatically loading of the saved parameters with a recall of any program
- Data back-up and restore: easy and user-friendly via USB-connection
- Many languages deposited, any language possible (depositing via user-specific translation-file)
General:
- clocked linear conveyor for an exact portioning of angular products (outside of baking tray)
- cutting takes place on cutting plates (existing or optional deliverable by Krumbein.rationell)
- cutting plates with various surfaces and in many dimensions (matching with your products)
- adjusting of the size of the pieces ensues via adjustment of program parameters, no need for mechanical modification or tools
- linear conveyor can be separated from the machine, it eases the hassle at cleaning and maintenance
- machine type with working width 600mm/23.6in. (TKSM 620) and 800mm/31.5in. (TKSM 820) available

Mode of operation:
- The products can be cut in poly-directional way, by manual turning of the cutting plates. Note the working width at diagonal or transverse cut.
- It is possible to change the cutting segmentation for the following cutting cycles.
TKSM cutting machine for the cutting of round and rectangular products

+ = [TKSM-R+L]

» Linear conveyor as a separate unit for an easy usage «

» TKSM-R+L 620 OLM Touch with removable round-cutting unit «

General:

• TKSM-R+L 620 OLM for cutting of round and angular products
• machine version includes round-cutting unit as well as linear conveyor
• exchange between round cutting unit and linear conveyor happens in a very short time by insertion of the desired unit in the machine - no tool necessary -
• Self-monitored machine avoids a false connection and checks the correct fit of the conveyor components
• Incorrect operation is almost impossible
# Cake and confection cutting machines

- **series TKSM**

## Technical specification:

<table>
<thead>
<tr>
<th></th>
<th>TKSM-R 820 OLM Touch</th>
<th>TKSM-R 820 OLM Touch</th>
<th>TKSM-R 820 TWS Touch</th>
<th>TKSM-L 620 OLM Touch</th>
<th>TKSM-L 820 OLM Touch</th>
<th>TKSM-R 820 OLM Touch</th>
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<tbody>
<tr>
<td>Round cut</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
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<td>Linear cut</td>
<td></td>
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<td></td>
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<td>X</td>
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<tr>
<td>Max. height of product</td>
<td>180mm</td>
<td>180mm</td>
<td>180mm</td>
<td>180mm</td>
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<td>180mm</td>
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<tr>
<td>Max. size of product</td>
<td>Ø 265</td>
<td>Ø 320mm</td>
<td>Ø 320mm</td>
<td>600 x 600mm</td>
<td>800 x 800mm</td>
<td>Ø 250mm</td>
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<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>600 x 600mm</td>
<td>800 x 800mm</td>
<td>Ø 320mm</td>
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## Machine control:

<table>
<thead>
<tr>
<th>Feature</th>
<th>TKSM-R 820 OLM Touch</th>
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<tbody>
<tr>
<td>KRS Touch</td>
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<td>Option for blade-cleaning</td>
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<td>Blade heating</td>
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<td>LED work space lighting</td>
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<td>Possible number of programs</td>
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## Dimension of the machine:

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<thead>
<tr>
<th>Dimension</th>
<th>TKSM-R 820 OLM Touch</th>
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<tbody>
<tr>
<td>Length</td>
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<tr>
<td>Width</td>
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<tr>
<td>Height</td>
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## Current supply:

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<th>TKSM-L 820 OLM Touch</th>
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<tbody>
<tr>
<td>Voltage</td>
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<tr>
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<td>3 Ph+N+PE</td>
<td>3 Ph+N+PE</td>
<td>3 Ph+N+PE</td>
<td>3 Ph+N+PE</td>
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