OKAMATIK Heavy Duty Extruder Type AK [High Capacity Continuous Extrusion]
The new OKA heavy duty extruder Type AK has been designed for the rope or slab extrusion of materials such as nougat, marzipan or fondant.

In combination with an OKA guillotine cutter, it is possible to cut the continuous ropes or the slab with a preciseness of 1/10mm to the target length. The actual shape of the products are defined by the nozzle outlet. By using an extrusion die with an adjustable outlet, it is possible to flexibly adjust the thickness of the slab or rope. The variety of possible product designs ranges from simple, multicolor up to co-extruded bars with sealed ends.

Extrusion (Flexible as the market - simple, multicolor or co-extruded)

Your advantages
- Stable, servo-controlled equipment
- High weight preciseness
- Hygienic design
- Flexible accessories
- High capacity
- Multi-color extrusion
- High torque for heavy pastes

Production of different bar styles

The modular system for bars (center filled, twisted, motion controlled...)

Samples
We are fulfilling your demands

Modular Accessories [ one system - infinite possibilities ]

We are fulfilling your demands.

Flexible extruder design.

- Individual servomotors for each extrusion system
- 2-step dosing system

OKA Guillotine Cutter Type HK

Servo-driven guillotine cutter with infinite following motion for any cutting application. Available working width from 400 to 1,800mm. Infinite adjustment of cutting length. Height adjustable plastic coated down-holding device for the bars. Alcohol lubrication device for knife cleaning. The cutter is designed for continuous high-speed cutting of up to 280 cuts/min. in standard execution or up to 700 cuts/min. in high-speed version.

Wire-Cutting Device Type SV-E

At the end of the extrusion, the bar is being cut directly at the nozzle. The wire cutter is fully servo-controlled with individual adjustment possibilities via the operating panel. For simple cutting applications, an optional pneumatic cutting device is available as a budget alternative.

Center filling Device Type AYZ

For precise center filling or decoration of semi-liquid materials. Individual gear pumps guarantee high weight precision, as each nozzle outlet is being fed by an individual pair of gear pumps.

Twisting Device Type TD

With customized nozzle design, as well as multi-channel feeding the device is able to produce bars out of up to four different materials, precise extrusion over the complete working width is guaranteed.

Extrusion dies and nozzles pieces

For your different product ideas extrusion dies and nozzles are customized to your needs. Depending on the final product appearance a wide range of different materials is used, from special coated aluminum, stainless steel up to engineered plastics. Regarding design and material selection you can rely on decades of long experience.
Overview [ Design and Performance at one glance ]

<table>
<thead>
<tr>
<th>Model</th>
<th>OKAMATIK Type AK</th>
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<tbody>
<tr>
<td>Working Width</td>
<td>100 – 1,200 mm</td>
</tr>
<tr>
<td>Dosing System</td>
<td>2-step dosing system with feeding rollers and individual gearpumps</td>
</tr>
<tr>
<td>Drive System</td>
<td>Precision/ballless Servo drives with micro-processor control</td>
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<tr>
<td>Output</td>
<td>1,500 kg/h</td>
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<tr>
<td>Recipe Storage</td>
<td>1,000</td>
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<tr>
<td>HMI</td>
<td>Full graphic Touch-screen Panel Diagnosis System</td>
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<tr>
<td>Diagnosis System</td>
<td>Optional/Remote Maintenance</td>
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<tr>
<td>Materials</td>
<td>FDA approved materials</td>
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Handling
The success of a machine investment is typically being defined by easy handling and a fast product changeover. Upon designing the AK we put a high emphasis of easy and intuitive operation. A large variety of accessories such as tools, maintenance carts and intensive training during start-up is part of the modular design.

Cleaning
Cleaning means downtime of the line. All of the AK components have been designed for easy and effective disassembling. Accessories such as cleaning carts, automatic washing devices are making cleaning fast and effective so that the downtime is minimized.

Maintenance
The extruder is equipped with a variety of maintenance functions. Just a selection of various features are: optional automatic greasing, service display, torque indicator.

Extrusion System
The gear pump extrusion system has been designed out of long-lasting heavy-duty materials with a special coating. This guarantees long endurance and precise weight control over the machine’s lifetime.

Handling, Cleaning and Maintenance [ Minimum Downtime – guaranteed! ]
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