With the newly developed Gamma fine roller mill, HÄNDLE is providing its customers with an innovative system for grinding down to a minimum roller gap of 1 mm.
HÄNDLE has a range of concepts for fine grinding. The Beta and Alpha II series of fine roller mills have been joined by the brand-new Gamma fine roller mill now. The Gamma fine roller mill was specially designed and engineered to meet the following requirements: grinding of raw materials down to a minimum roller gap of 1 mm, simple-functioning and easy-to-operate, high availability. In designing the Gamma roller mill, HÄNDLE combined proven systems of Alpha II and Beta fine roller mills. The result is an economical and well-functioning hinge-type fine roller mill. The development of the new Gamma roller mill includes a new, modular roller turning machine concept. Available for the present in one size for volumetric throughputs up to approx. 50 m³/h (85 t/h wet) with a roller gap of 1.0 mm.

**Defining characteristics**

- One-piece roller seat of robust, welded construction
- Same provenly reliable roller sizes as in the Beta fine roller mill
- Split bearing housing on fixed and adjustable rollers
- Easy mechanical adjustment of the roller gap
- Mechanical roller preload via laminated disks springs
- Integrated roller turning machine system
- Integrated swiveling chip collector
- Fast, uncomplicated operation

**Technical data**

<table>
<thead>
<tr>
<th>TYPE</th>
<th>Roller diameter/ width mm</th>
<th>Barrel thickness inside/ outside mm</th>
<th>Roller pretension t</th>
<th>Volumetric throughput m³/h compact</th>
<th>Throughput capacity t/h wet</th>
<th>Power requirement kW</th>
</tr>
</thead>
<tbody>
<tr>
<td>GAMMA 10100a</td>
<td>1.000/ 1.000</td>
<td>144/ 110</td>
<td>50</td>
<td>50</td>
<td>85</td>
<td>2 x 55 - 90</td>
</tr>
</tbody>
</table>

1 Volumetric throughput relative to material from pan mill, 1.0 mm roller gap and approx. 20 m/s circumferential speed. Subject to technical modification due to ongoing development.