

# Scaling-up from the lab to production

The complete and well-thought-out **DYNO®-MILL KD** program extends from the **MULTI LAB** for research and development tasks, up to the **DYNO®-MILL KD 600** for large-scale production. Due to the design, scalability from laboratory size to large-scale production mills is guaranteed.

Thanks to the uniform geometries of the milling system throughout the **DYNO®-MILL KD** program, highly reproducible grinding and milling results can be obtained on all **DYNO®-MILL** type **KD** mills.

**DYNO®-MILL  
MULTI LAB**



**DYNO®-MILL  
KD 600**



## An overview of the DYNO®-MILL KD series

TYPE	GRINDING BEAD SEPARATION		GRINDING CONTAINER VOLUME l	CAPACITY RANGE l/h	MILL DRIVE kW	COOLING WATER CONSUMPTION l/h	WEIGHT kg	DIMENSIONS L/W/H mm
	GAP	SCREEN						
<b>MULTI LAB</b>	x		<b>0.15 – 1.4</b>	<b>1 – 50</b>	<b>3.3 – 4.6</b>	<b>250 – 400</b>	<b>95 – 125</b>	<b>680 x 740 x 580</b>
<b>KD 6 (6)</b>	x		<b>6</b>	<b>20 – 150</b>	<b>10 – 15</b>	<b>800 – 2000</b>	<b>800</b>	<b>1300 x 1025 x 1385</b>
<b>KD 6 (8)</b>	x		<b>8</b>	<b>20 – 200</b>	<b>12.5 – 17.5</b>	<b>800 – 2000</b>	<b>850</b>	<b>1412 x 1025 x 1385</b>
<b>KD 20 B</b>	x		<b>16,5</b>	<b>70 – 500</b>	<b>17.5 – 24</b>	<b>800 – 1500</b>	<b>700</b>	<b>1500 x 882 x 1515</b>
<b>KD 20 BS</b>		x	<b>18</b>	<b>70 – 500</b>	<b>17.5 – 24</b>	<b>800 – 1500</b>	<b>750</b>	<b>1515 x 882 x 1515</b>
<b>KD 25</b>	x		<b>25</b>	<b>100 – 700</b>	<b>24 – 30</b>	<b>800 – 1500</b>	<b>850</b>	<b>1740 x 882 x 1515</b>
<b>KD 25 S</b>		x	<b>26</b>	<b>100 – 700</b>	<b>24 – 30</b>	<b>800 – 1500</b>	<b>850</b>	<b>1754 x 882 x 1515</b>
<b>KD 45 D</b>	x		<b>46</b>	<b>180 – 1000</b>	<b>36 – 45</b>	<b>1800 – 2500</b>	<b>1600</b>	<b>2030 x 1210 x 1780</b>
<b>KD 45 DS</b>		x	<b>49</b>	<b>180 – 1000</b>	<b>36 – 45</b>	<b>1800 – 2500</b>	<b>1600</b>	<b>2060 x 1210 x 1780</b>
<b>KD 60</b>	x		<b>60</b>	<b>200 – 1300</b>	<b>36 – 58</b>	<b>1800 – 2500</b>	<b>1800</b>	<b>2205 x 1210 x 1780</b>
<b>KD 60 S</b>		x	<b>62</b>	<b>200 – 1300</b>	<b>36 – 58</b>	<b>1800 – 2500</b>	<b>1800</b>	<b>2235 x 1210 x 1780</b>
<b>KD 120 A</b>		x	<b>128</b>	<b>300 – 2000</b>	<b>55 – 75</b>	<b>2000 – 4000</b>	<b>2500</b>	<b>2900 x 1360 x 2130</b>
<b>KD 190 A</b>		x	<b>196</b>	<b>500 – 3000</b>	<b>55 – 84</b>	<b>2000 – 4000</b>	<b>3000</b>	<b>3100 x 1360 x 2160</b>
<b>KD 280 A</b>		x	<b>296</b>	<b>800 – 5000</b>	<b>70 – 110</b>	<b>2000 – 5000</b>	<b>3200</b>	<b>3270 x 1360 x 2130</b>
<b>KD 600</b>		x	<b>612</b>	<b>1000 – 8000</b>	<b>160 – 250</b>	<b>2000 – 6000</b>	<b>8000</b>	<b>3900 x 2495 x 2018</b>

*Changes in design reserved. The performance data quoted is intended solely as a guide and depends on the product to be processed.*

**DYNO®-MILL RESEARCH LAB** – specially developed for the R&D department. For processing very small product batches of >100 ml in single pass or circulation modes! Ask for our product brochure or visit our website: [www.wab.ch](http://www.wab.ch)

