

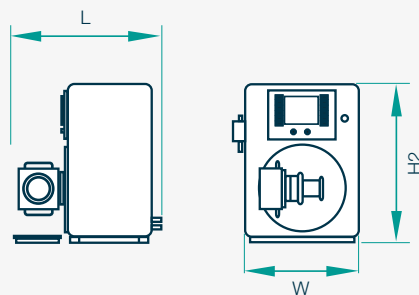
# Technical data Cenomic™ family.

## Laboratory and production mills.

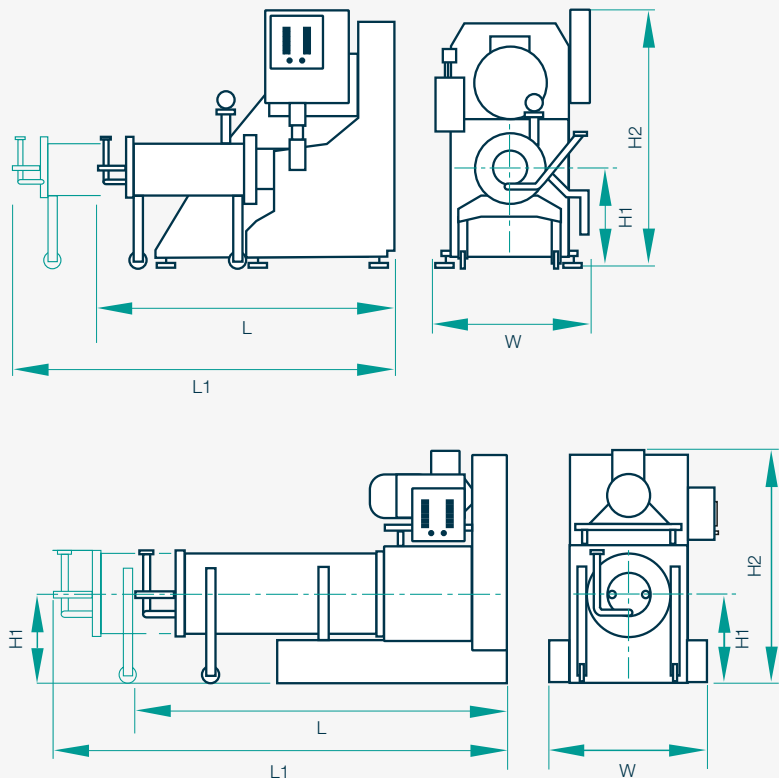
Specification	Cenomic™ S1	Cenomic™ S2	Cenomic™ 1	Cenomic™ 3	Cenomic™ 6	Cenomic™ 15
<b>Drive</b>	2.2 kW	2.2 kW	15 kW	22 kW	37–45 kW	55–75 kW
<b>EcoMizer™ disc</b>	DraisResist™, Silicon carbide	DraisResist™, DraisElast™ (PU), Silicon carbide, Oxide ceramics	DraisResist™, DraisElast™ (PU), Silicon carbide, Oxide ceramics	DraisResist™, DraisElast™ (PU), Silicon carbide, Oxide ceramics	DraisResist™, DraisElast™ (PU), Silicon carbide	DraisResist™, DraisElast™ (PU)
<b>Stator tube</b>	DraisResist™, Silicon carbide	DraisResist™, DraisElast™ (PU), Stainless steel, Silicon carbide, Oxide ceramics	DraisResist™, DraisElast™ (PU), Stainless steel, Silicon carbide, Oxide ceramics	DraisResist™, DraisElast™ (PU), Stainless steel, Silicon carbide, Oxide ceramics	DraisResist™, DraisElast™ (PU), Stainless steel, Silicon carbide	DraisResist™, DraisElast™ (PU), Stainless steel
<b>Inner liner exchangeable</b>	Yes	DraisResist™, Silicon carbide, Oxide ceramics	Yes	Yes	Yes	Yes
<b>Volumes DraisResist™ (metal) / SSiC (ceramic)</b>						
Volume inner liner (Liter)	0.28	0.85	15	30	68	159
Active chamber volume (Liter)	0.222	0.6	11	21	50	117
<b>Volumes DraisElast™ (metal-free)</b>						
Volume inner liner (Liter)	–	0.85	15	29	66	151
Active chamber volume (Liter)	–	0.6	10	19	46	108
<b>Volumes DraisElast™/ DraisResist™ (metal-free/metal)</b>						
Volume inner liner (Liter)	–	0.85	15	30	68	159
Active chamber volume (Liter)	–	0.6	10	20	49	115
<b>SuperScreen</b>	Stainless steel	Stainless steel, Ceramic	Stainless steel, Ceramic	Stainless steel, Ceramic	Stainless steel, Ceramic	Stainless steel
<b>Execution</b>	non-Ex / Ex	non-Ex / Ex	non-Ex / Ex	non-Ex / Ex	non-Ex / Ex	non-Ex / Ex
<b>Bead size</b>	0.2–2 mm	0.2–2 mm	0.3–2 mm	0.3–2 mm	0.3–2 mm	0.3–2 mm
<b>Tip speed</b>	up to ~14 m/s	up to ~14 m/s	~9.5 up to ~13 m/s	~9.5 up to ~13 m/s	~8 up to ~13 m/s	~8 up to ~12 m/s
<b>In-situ cleaning device</b>	Not available	Not available	Optional	Standard	Optional	Optional
<b>Dimensions</b>						
Length – L	756 mm	756 mm	1590 mm	1800 mm	2000 mm	2200 mm
Length – L1	–	–	2300 mm	3000 mm	3200 mm	3600 mm
Width – W	617 mm	617 mm	980 mm	1070 mm	910 mm	910 mm
Height 1 – H1	–	–	600 mm	595 mm	620 mm	620 mm
Height 2 – H2	862 mm	862 mm	1570 mm	1460 mm	1800 mm	1830 mm
<b>Weight<sup>(1)</sup></b>	Approx. 150 kg	Approx. 150 kg	Approx. 1100 kg	Approx. 1230 kg	Approx. 2200 kg	Approx. 2440 kg

<b>Genomic™ 30</b>	<b>Centex™ T4</b>	<b>Centex™ T5</b>
75–110 kW	160–200 kW	250–315 kW
DraisResist™, DraisElast™ (PU)	DraisResist™, DraisElast™ (PU)	DraisElast™ (PU)
DraisResist™, DraisElast™ (PU), Stainless steel	DraisResist™, DraisElast™ (PU), Stainless steel	DraisResist™, DraisElast™ (PU), Stainless steel
DraisResist™, Stainless steel	DraisResist™, Stainless steel	DraisResist™, Stainless steel
296	673	–
226	510	–
296	673	1264
217	493	945
296	673	1294
217	493	945
Stainless steel	Stainless steel	Stainless steel
non-Ex / Ex	non-Ex / Ex	non-Ex
0.3–2 mm	0.3–2 mm	0.3–2 mm
~8 up to ~12 m/s	~8 up to ~13 m/s	~8 up to ~13 m/s
Optional	Not available	Not available
2970 mm	3850 mm	4380 mm
4600 mm	6200 mm	7300 mm
1160 mm	1360 mm	1360 mm
650 mm	885 mm	885 mm
1940 mm	2600 mm	2650 mm
Approx. 4160 kg	Approx. 6500 kg	Approx. 9800 kg

#### Genomic™ S1 and S2 (Laboratory)



#### Genomic™ and Centex™ (Production)



<sup>(1)</sup> Without control cabinet, without beads. All data are approximate. Technical alterations reserved.

## **Bühler AG**

CH-9240 Uzwil  
Switzerland

T +41 71 955 11 11  
F +41 71 955 31 49

[grinding.dispersing@buhlergroup.com](mailto:grinding.dispersing@buhlergroup.com)  
[buhlergroup.com](http://buhlergroup.com)

190308\_Genomic\_EN\_A4