

**GÖLZ**<sup>®</sup>  
DIAMOND TOOLS & EQUIPMENT



**DR. BENDER HF-TECHNOLOGY 2016**

- **1 control box for all devices:**

- Beluga with Squatina Powercutters
- Beluga with Kogia ring saw
- Beluga RX SL drilling motor

Can be used on 230 Volt and 400 Volt - 480 Volt networks

- **One main drive unit (Beluga SXM) - two applications**

- Intent Powercutter Squatina 400
- Ring saw Kogia 400

With this system, the cost will be almost halved .

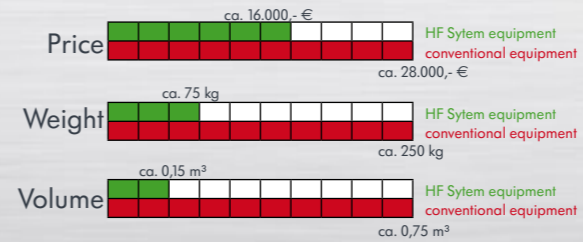
Volume and weight are considerably lower, for an easier and space-saving transportation.

- **Drill motor Beluga RX SL - compact and powerful up to 1000 mm bore diameter**

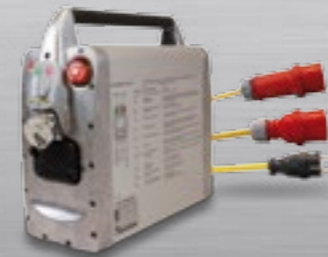
No more cumbersome hydraulic solutions. A lightweight and flexible high-frequency electrical system for the construction industry.

- **Innovative HF systems by Dr. Bender**

- Versatile, quick setup
- lower cost
- Quick change of rotation, no tools required
- Patented, wear-free magnetic clutch



Control  
Powerbox



Drive  
Beluga SXM



Adapter  
SQUATINA 400



Adapter  
KOGIA 400



Drilladapter  
ARRA 600



- The wide voltage range allows operation at 230 volts and 400 volts - 480 volts networks
- The machine stops immediately by electronic quick-stop function
- Machine diagnostics possible through integrated local display or on PC
- Integrated service display
- Up to 30% higher efficiency brings higher power output and more torque
- The Powerbox can be easily used for air and water cooling (water cooling: optional extra)
- Wear-resistant membrane keyboard

Technical data	Powerbox PB RX/SX 12
Rated capacity	3.700 W/12.000 W
Power Output	2.400 W/5.400 W
Wide voltage range	230V 1~/400V 3~/480V 3~
Rated frequency	50-60 Hz
Weight	16,5 kg
Order number	B102435

- Easy changeable attachments for different applications (drilling and sawing)
- Longevity by using quality components
- Ergonomic and handy design
- Maximum operator safety through ultra quick-release non-wearing magnetic safety clutch - patented
- 8 - way adjustable handles for each working position, both right and left-handed



Quick release system for adapter

Technical data	BELUGA SXM
Power consumption	3.700 W/10.000 W
Rated voltage	230V 1~/400V 3~/480V 3~
Rated speed	0-2.800 min <sup>-1</sup>
Rated torque	32 Nm
Weight	7,5 kg
Order number	B201122





Picture: Squatina 400 with Beluga SXM

- With the saw blade cuts can be generated up to 165 mm depth
- Optimum cooling water supply to the outer and inner sides of the saw blade
- Simple tool-less adapter change
- special guard design for near-edge cutting work
- Electronic quick-stop function of the machine
- Longevity through optimization of all relevant parts wear



Quick release system for adapter

Technical data	SQUATINA 400 B
Max . Cutting depth	165 mm
Saw blade diameter	400 mm
Saw blade speed	2800 min <sup>-1</sup>
Cutting speed	60 m/s
Weight (complete with engine and blade)	11,1 kg
Order number	B102251

- With the ring blade sections can be generated up to 300 mm depth
- Optimum cooling water supply to the outer and inner sides of the saw blade and the saw cut in
- Simple tool-less adapter change
- Electronic quick-stop function of the machine
- Longevity through optimization of all relevant parts wear



Quick release system for adapter

Technical data	KOGIA 400
Max . Cutting depth	300 mm
Saw blade diameter	400 mm
Saw blade speed	2.100 min <sup>-1</sup>
Cutting speed	44 m/s
Weight (complete with engine and blade)	11,5 kg
Order number	B102249 without ring blade



Picture: Kogia 400 with Beluga SXM



RX SL



SXD



SXC



- Drilling - up to Ø 1.000 mm maximum
- The wide voltage range allows operation at 230 volts and 400 volts - 480 volts AC
- The machine stops immediately by electronic quick-stop function
- Integrated service display
- An up to 30% higher efficiency brings higher power output and more torque
- Durability by using high-quality components
- Ergonomic design with handy dimensions
- Types SXD and SXC with water- or air-cooling



Technical data	BELUGA RX SL		SXD		SXC	
Phase	3~	1~	3~	1~	3~	1~
Rated voltage	400 V / 480 V	230 V	400 V / 480 V	230 V	400 V / 480 V	230 V
Rated power	12.000 W	3.700 W	12.000 W	3.700 W	8.000 W	3.700 W
Rated frequency	50-60 Hz	50-60 Hz	50-60 Hz	50-60 Hz	50-60 Hz	50-60 Hz
Rated current	32 A	16A	32 A	16 A	16 A	16 A
Rated speed	0-100/0-180/0-250/0-480 min <sup>-1</sup>	0-100/0-180/0-250/0-480 min <sup>-1</sup>	0-850 min <sup>-1</sup>	0-850 min <sup>-1</sup>	0-850 min <sup>-1</sup>	0-850 min <sup>-1</sup>
Rated torque	1.500/830/600/300 Nm	700/380/280/145 Nm	220 Nm	120 Nm	180 Nm	120 Nm
Drill bit diameter	1.000/600/250/120 mm	600/350/250/120 mm	40 - 450 mm	40 - 450 mm	40 - 450 mm	40 - 450 mm
Tool fitting	UNC 1 1/4", flange exchangeable		UNC 1 1/4"		UNC 1 1/4"	
Cooling medium	--	--	water	water	air	air
Weight	16,5 kg	16,5 kg	8,2 kg	8,2 kg	7,8 kg	7,8 kg
Order Number	B102429		B302221		B302189	



Powerbox PB RX/SX 12	BELUGA SXM	SQUATINA 400 B	KOGIA 400
Complete with air cooling and cable set 400 V, 32 A, 16 A and 230 V Order number B102435 Price: 4.650 €	Main drive unit for Squatina or Kogia with adjustable handles Order number B201122 Price: 3.590 €	Adapter for sawhead Ø 400 mm blade Order number B102251 Price: 520 €	Adapter for ringsaw Ø 400 mm blade (without Ring) Order number B102249 Price: 1.998 €
		<b>Diamond blade 400 mm</b> SG35 Sleek & wear-resistant design TK60 6xM6 Order number 0396 327 0403 Price: 189 €	<b>Ring blade 400 mm</b> Order number B102182 Price: 336 €
<b>Accessories:</b> water cooling module Order number B102122 Price: 200 €			<b>Accessories:</b> friction wheel Order number B301621 guide roller guide pulley Quick release system guide plate

BELUGA RX SL	SXD	SXC	ARRA 600
Drill motor for precise drilling result Order number B102429 Price: 3.512 €	Water-cooled drill motor Order number B302221 Price: 2.740 €	Air-cooled drill motor Order number B302189 Price: 2.740 €	<b>Drillhead accessories:</b> <b>planetary gear i=3,3</b> Order number B301730 <b>Price: 872 €</b> <b>Machine holder wet</b> Order number B301548 <b>Price: 450 €</b>
<b>Accessories:</b> Flange adapter (for bores from 600 mm) Available for all current drilling crown connecting images			



## **Warranty / Customer Service**

You have the opportunity to have all repairs carried out by our central customer service department. In case of repair we pick up your device and send it to you after the repair again. In case of warranty, we accept the cost of transport.

## **Product Consulting / sales**

Tel.: +49 (0) 2482/12 - 200

E-Mail: [vki@goelz.de](mailto:vki@goelz.de)

## **Service / Repair**

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