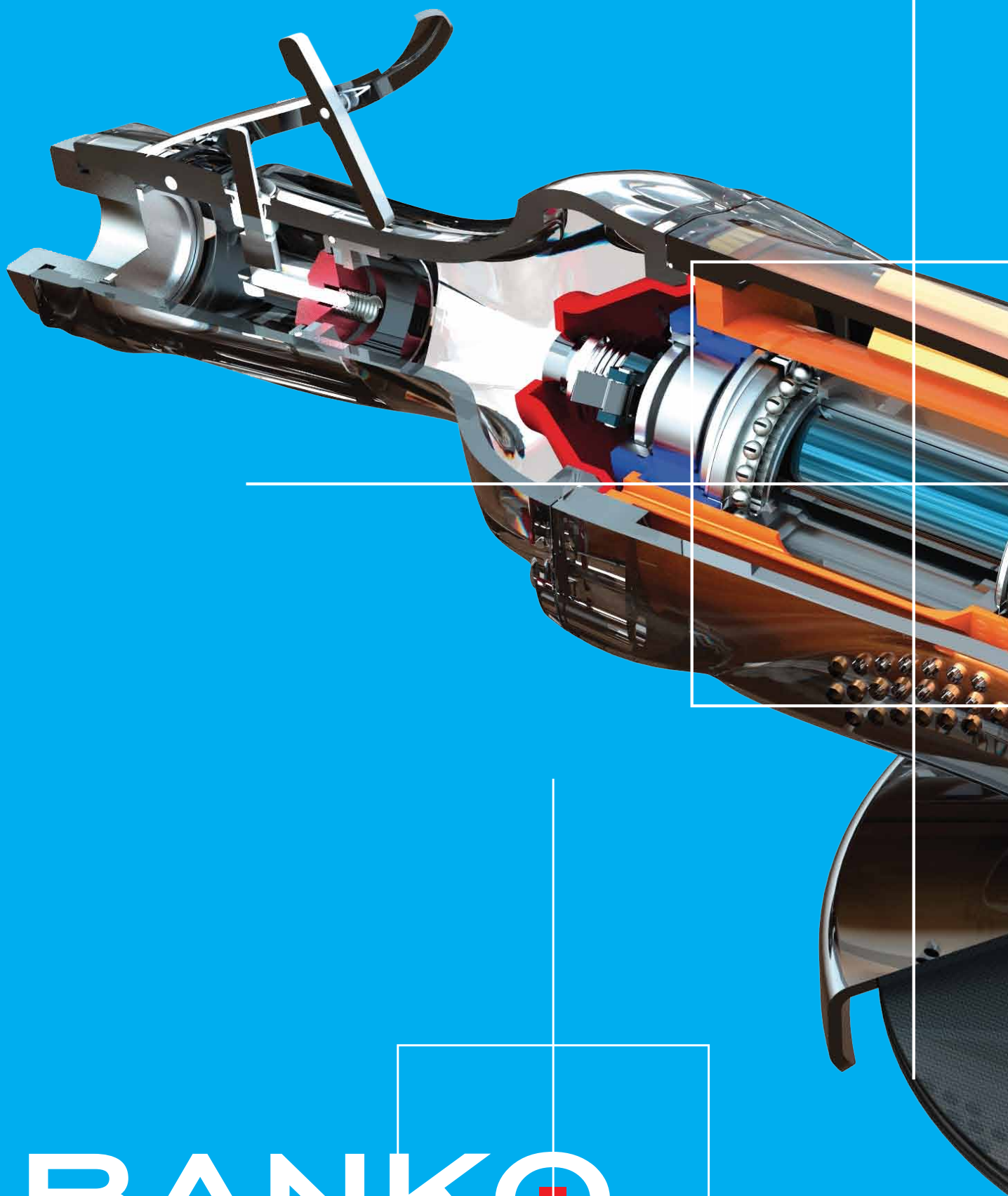


BANKO

Quality without
compromise



BANKO

Patented vane machine technology for the most advanced and efficient grinding which allows new levels of productivity



Oil free

Mision and Vision

Banko Mision

Our goal has always been to reach a leading position in our industry on global markets by continually upgrading the existing products and by designing the new ones with increased service performance level.

Banko Vision

Our Research and Development teams have been focusing on innovation and technological advancements. They have been continuously committed to quality enhancement and utterly dedicated to meeting customers' expectations worldwide. An environment of mutual respect between the BANKO management and highly motivated and trained human resources has created an impetus to achieve unlimited success in our field of work.

Our responsibilities are to:

- establish long and lasting business relationships with our customers and to meet their growing expectations.
- deal with customers and suppliers ethically.
- be innovative leaders in our industry.
- be continuously committed to improving our internal processes and to maintain and enhance knowledge and skills of our employees.
- be continuously committed to increasing cost-saving and accurate productivity for customers' benefit.
- continuously improve maintenance through training of personnel and distribution of up-to-date manuals.
- achieve shorter lead times and to make faster deliveries.
- stimulate new levels of productivity through innovations.
- design products for more environmentally friendly operation in order to improve human welfare.
- be responsive to the needs of the community by offering our business and personal support.

Advantages / Benefits to Customers

Advantages/Benefits for the buyers of the Banko pneumatic grinder, based on the innovations, compared with the currently existing grinders on the market are:

- Banko pneumatic grinder provides 60-100 % faster grinding at the right speed with high-speed material removal which improves production rates and allows new levels of productivity.
- Banko pneumatic grinder provides 100 % total lifetime work with low maintenance costs.
- Banko pneumatic grinder provides much less insensitivity to variation of the pressure in the air hose.
- Banko pneumatic grinder provides grinding with much less vibration due to grinding of the accessories at the right speed.
- Banko pneumatic grinder provides oil-less production which enables clean surface and more environmentally friendly operation.
- Banko pneumatic grinder is economically shaped for less operator fatigue and easy control.
- Banko pneumatic grinder offers a competitive price with high energy efficiency.

The pneumatic grinder is based on some innovations and it has been constructed in accordance with the newest level of technology and with all recognized safety rules. It is designed for continuous usage under the most extreme conditions with high-speed material removal rate in shipyards, metal fabricating, casting, automotive, aerospace, foundry, construction industries and in workshop environments where proper installations of the air under accurate pressure exist.

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Die

m - 0

m - 1

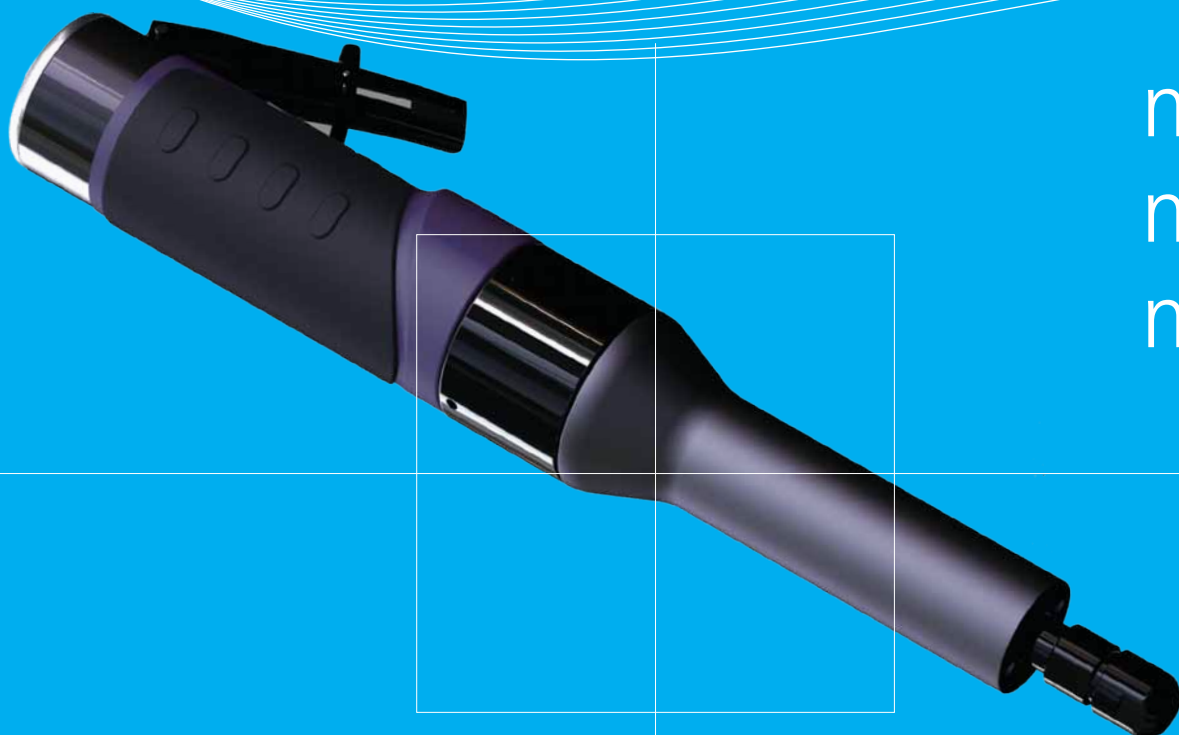


Oil free

Model	Die	Max. free speed r/min	Collet diametar	Recomended / max. dia.		Max. power kW	Weight kg	Lenght mm	Rec. hose dia. mm	Air inlet thread
				Carbide burr	Mounted point					
GDB01 D30 CE	Banko M0 DIE	30000	6	12/16	20/25	0.75	0.8	215	10	3/8
GDB01 D25 CE	Banko M0 DIE	25000	6	12/16	20/32	0.75	0.8	215	10	3/8
GDB11 D25 CE	Banko M1 DIE	25000	6	12/16	25/32	1.4	1.1	234	10	1/2
GDB11 D18 CE	Banko M1 DIE	18000	6	16/16	32/40	1.3	1.1	234	10	1/2
GDB11 D25 CE VD	Banko M1 DIE	25000	6	12/16	25/32	1.4	1.1	234	10	1/2
GDB11 D18 CE VD	Banko M1 DIE	18000	6	16/16	32/40	1.3	1.1	234	10	1/2

VD - vibration dumped machine for smooth grinding without chatters (only carbide burrs)
Collet size 8 mm available on request

Die extended



m - 0

m - 1

m - 3

oil free

Model		Max. free speed r/min	Collet diametar	Recomended / max. dia.		Max. power kW	Weight kg	Lenght mm	Rec. hose dia. mm	Air inlet thread
				Carbide burr	Mounted point					
	Die extended collet type									
GDB01 E30 CE	Banko M0 DIE Extended	30000	6/8	12/16	20/25	0.75	1.0	322	10	3/8
GDB01 E25 CE	Banko M0 DIE Extended	25000	6/8	12/16	20/25	0.75	1.0	322	10	3/8
GDB11 E25 CE	Banko M1 DIE Extended	25000	6/8	12/16	25/32	1.4	1.5	372	10	1/2
GDB11 E18 CE	Banko M1 DIE Extended	18000	6/8	16/16	32/40	1.3	1.5	372	10	1/2
GDB31 E25 CE	Banko M3 DIE Extended	25000	6/8	16/16	25/32	2.0	2.2	394	13	1/2
GDB31 E18 CE	Banko M3 DIE Extended	18000	6/8	16/16	32/40	2.0	2.2	394	13	1/2

Collet size 8 mm available on request

Model		Max. free speed r/min	Spindle thread	Recomended / max. dia.		Max. power kW	Weight kg	Lenght mm	Rec. hose dia. mm	Air inlet thread
				cone wheel (50 m/s)						
	Die extended for cone wheel									
GDB11 E25 CW	Banko M1 DIE Extended	25000	M12x1	32/40		1.4	1.5	346	10	1/2
GDB11 E18 CW	Banko M1 DIE Extended	18000	M12x1	40/50		1.3	1.5	346	10	1/2
GDB31 E25 CW	Banko M3 DIE Extended	25000	M12x1	40/40		2.0	2.2	372	13	1/2
GDB31 E18 CW	Banko M3 DIE Extended	18000	M12x1	50/50		2.0	2.2	372	13	1/2

Adapter for cone wheels with thread M10, M12, M16 od 5/8 UNC must be specified in order

Model		Max. free speed r/min	Spindle thread	Recomended / max. dia.		Max. power kW	Weight kg	Lenght mm	Rec. hose dia. mm	Air inlet thread
				straight wheel (80 m/s)						
	Die extended for straight wheel									
GDB11 E25 SW	Banko M1 DIE Extended	25000	UNC 1/2x55	50/63		1.4	1.5	373	10	1/2
GDB11 E18 SW	Banko M1 DIE Extended	18000	UNC 1/2x55	63/80		1.3	1.5	373	10	1/2
GDB31 E25 SW	Banko M3 DIE Extended	25000	UNC 1/2x55	63/63		2.0	2.2	398	13	1/2
GDB31 E18 SW	Banko M3 DIE Extended	18000	UNC 1/2x55	80/80		2.0	2.2	398	13	1/2

Adapter for straight wheels with size of wheel must be specified in order

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Straight

m - 3

m - 4



Oil free

Model		Max. free speed r/min	Recomended / max. dia. cone wheel (50 m/s)	Max. power kW	Weight kg	Lenght mm	Rec. hose dia. mm	Air inlet thread
Straight for cone wheels								
GSB31 S18 CW	Banko M3 Straight	18000	40/50	2.0	2.2	440	13	1/2
GSB31 S15 CW	Banko M3 Straight	15000	50/63	1.9	2.2	440	13	1/2
GSB41 S12 CW	Banko M4 Straight	12000	63/80	3.1	2.9	435	16	1/2
GSB41 S10 CW	Banko M4 Straight	10000	80/100	3.0	2.9	435	16	1/2

Adapter for cone wheels with thread M10, M12, M16 od 5/8 UNC must be specified in order

Model		Max. free speed r/min	Spindle thread	Recomended / max. dia. straight wheel (80 m/s)	Max. power kW	Weight kg	Lenght mm	Rec. hose dia. mm	Air inlet thread
Straight for straight wheels									
GSB31 S18 SW	Banko M3 Straight	18000	UNC 1/2x55	80/80	2.0	2.2	472	13	1/2
GSB31 S15 SW	Banko M3 Straight	15000	UNC 1/2x55	100/100	1.9	2.2	472	13	1/2
GSB31 S18 SW	Banko M3 Straight	18000	UNC 5/8x55	80/80	2.0	2.2	472	13	1/2
GSB31 S15 SW	Banko M3 Straight	15000	UNC 5/8x55	100/100	1.9	2.2	472	13	1/2
GSB41 S12 SW	Banko M4 Straight	12000	UNC 5/8x55	125/125	3.1	2.9	467	16	1/2
GSB41 S10 SW	Banko M4 Straight	10000	UNC 5/8x55	125/150	3.0	2.9	467	16	1/2
GSB41 S85 SW	Banko M4 Straight	8500	UNC 5/8x55	125/180	2.9	2.9	467	16	1/2
GSB41P S10 SW	Banko M4P Straight	10000	UNC 5/8x55	150/150	3.3	4.2	470	16	1/2
GSB41P S85 SW	Banko M4P Straight	8500	UNC 5/8x55	180/180	3.3	4.2	470	16	1/2
GSB41P S66 SW	Banko M4P Straight	6600	UNC 5/8x55	230/230	3.2	4.2	470	16	1/2

Adapter for straight wheels with size of wheel must be specified in order

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Vertical

m - 5
m - 6



Oil free

Model		Max. free speed r/min	Recomended max. dia. Grinding wheel	Max. power kW	Weight kg	Lenght mm	Rec. hose dia. mm	Air inlet thread
	Vertical							
GVB51 V12 DW	Banko M5 Vertical	12000	125	2.4	4.1	195	16	1/2
GVB51 V85 DW	Banko M5 Vertical	8500	180	2.2	4.1	195	16	1/2
GVB51P V85 DW	Banko M5P Vertical	8500	180	3.2	4.9	210	16	1/2
GVB61P V66 DW	Banko M6P Vertical	6600	230	4.2	7.2	220	19	1/2

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Die angle

m - 1

m - 3



Oil free

Model		Max. free speed r/min	Recomended max. dia. Grinding wheel	Max. power kW	Weight kg	Lenght mm	Rec. hose dia. mm	Air inlet thread
	Die							
GAB11 D12 DW	Banko M1 DIE Angle	12000	125	1.3	1.8	242	10	1/2
GAB31 D12 DW	Banko M3 DIE Angle	12000	125	1.8	2.6	265	13	1/2
GAB31 D85 DW	Banko M3 DIE Angle	8500	180	1.8	2.6	265	13	1/2

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Angle

m - 3

m - 4

Oil free

Model		Max. free speed r/min	Recomended max. dia. Grinding wheel	Max. power kW	Weight kg	Lenght mm	Rec. hose dia. mm	Air inlet thread
Angle								
GAB31 A12 DW	Banko M3 Angle	12000	125	1.8	2.6	338	13	1/2
GAB31 A85 DW	Banko M3 Angle	8500	180	1.8	2.6	338	13	1/2
GAB41 A85 DW	Banko M4 Angle	8500	180	2.8	3.4	337	16	1/2
GAB41 A66 DW	Banko M4 Angle	6600	230	2.8	3.4	337	16	1/2



Quality without compromise

Each Banko product undergoes a rigorous quality test at each stage which starts with design and ergonomic adjustments, followed by the choice of the highest quality materials for production, by accurate production and assembly with final inspection, ending with product packaging accompanied by up-to-date documentation.

In order to maintain our own high quality standards, we endeavour to make corrections and meet the demands of our customers received through immediate feedback.

All our products are built and produced in accordance with the ISO 9001:2008, machinery directive 2006/42/EC and highest safety requirements to fulfil EC declaration of conformity EN 792-7:2001+A1:2008 and 792-9:2001+A1:2008 and all existing standards for the pneumatic grinder line. Our pneumatic grinders are more environmentally friendly and more energy efficient than the currently existing products on the market and they set new standards in our industry.

Development of the pneumatic grinder line was supported by the Government of the Republic of Croatia through innovation commercialization program RAZUM, which is operated by the Business Innovation Centre of Croatia - **BIORO**

Manufacturer: BANKO d.o.o.

Address: Dubrovacka 19, 21000 Split, Hrvatskih velikana b.b, 21251 Zrnovnica

Phone: ++ 385 21 540 010; **Fax:** ++385 21 540 022

e-mail: info@banko.hr

www.banko.hr

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