

LEV brochure

LOCAL EXHAUST VENTILATION

MOBILE FILTERS, EXTRACTION ARMS, DOWNDRAFT TABLES
AND ACCESSORIES





ABOUT US

Founded in 1986, Bomaksan is a leading manufacturer of industrial ventilation and filtration systems. From dust and gas extraction to oil mist and fume control, we provide advanced solutions that safeguard both people and production. Backed by decades of engineering expertise and continuous R&D, our technologies are designed for efficiency, reliability, and sustainability.

At Bomaksan, we see clean air not only as a standard of safety, but as a fundamental driver of productivity and well-being. That's why we deliver not just equipment, but long-term value and trust – helping industries world wide build cleaner, safer, and smarter working environments.

Mobile Filters

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High Vacuum Filters

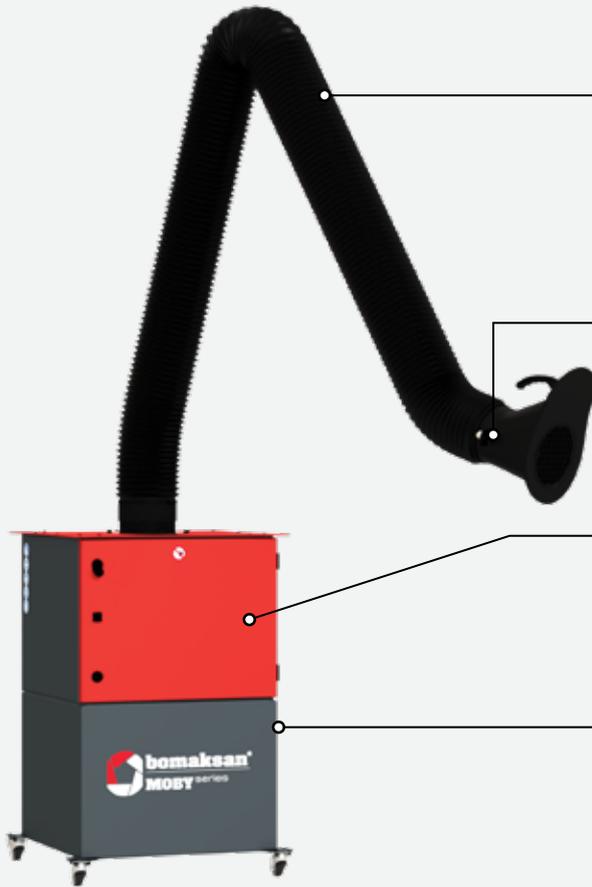
Extraction
Arms&Fans

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Downdraft Benches



HIGH QUALITY EXTRACTION ARM

Durable extraction arms designed to provide best performance during extraction of fumes & dusts.

STATE OF THE ART EXTRACTION HOOD

Special designed extraction hood provide superior performance.

HIGH EFFICIENT CASSETTE FILTERS

High efficiency cassette filters with 3 stages, easy to install and remove, guarantee clean air.

CONTROL & SIGNAL PANEL

Equipped with filter clog display, ON / OFF switch and working hour counter.

GENERAL INFORMATION	
Filter Type	Cassette
Filter Stages - Standard	
Pre Filter - AluMesh	G2 Class (Washable)
Main Filter Cassette	F9 Class
Filter Area	
Main Filter Cassette	13 m ²
Filtration Efficiency	
Standard	F9 Class (EN 779:2012)
Optional	H13 Class (EN1822:2009)
Optional Filters	
Pre Filter Pad	G4 Class (EN 779:2012)
Pre Filter Cassette	M5 Class - 2 m ² (EN 779:2012)
Main Filter	H13 Class - 13 m ² (EN1822:2009)
Active Carbon Pad	Replaced w/Pre Filter Pad
Active Carbon Cassette	Replaced w/Pre Filter Cassette

TECHNICAL INFORMATION	
Extraction Capacity (Standard)	1.000 m ³ /h
Dimensions (W x L x H)	620 x 550 x 900 mm
Motor Power	0,75 kW - 3.000 rpm
Power Supply	
Standard	230 V - 50 Hz
Optional	110 V - 50 Hz
Noise Level	75 dB(a)

ORDER NO - FILTER UNIT	
No Arm, SFS,230 V	MOBY.0.12.F9.50.230
No Arm, HEPA,230 V	MOBY.0.12.H13.50.230
No Arm, SFS,110 V	MOBY.0.12.F9.50.110
No Arm, HEPA,110 V	MOBY.0.12.H13.50.110

ORDER NO - ACCESSORIES	
Extraction Arm, 2 mt, Inner Support	F.PRO.2.N
Extraction Arm, 3 mt, Inner Support	F.PRO.3.N
Extraction Arm, 3 mt, External Support	F.PLUS.3.N
+Pre Filter Mat - G4	HTM/PAD/430/430/G4
+Pre Filter Cassette - M5	HTM/430/430/42/M5
+Active Carbon Filter Mat	HTM/PAD/430/430/10 - AC
+Active Carbon Filter Cassette	HTM/430/430/48 - AC

SFS : Standard Filter Set : G2 Metal Filter + F9 Main Filter
 HEPA : Optional Filter Set : G2 Metal Filter + H13 Main Filter

NOTE : Pre Filter Mat and Active Carbon Filter Mat cannot be added to the same device.
 NOTE : Pre Filter Cassette and Active Carbon Filter Cassette cannot be added to the same device.

SPARE PART ORDER NO	
Pre Filter Mat (10 pcs / set)	HTM/PAD/430/430/G4 .SET
Active Carbon Filter Mat (10 pcs / set)	HTM/PAD/430/430/10 - AC.SET
Pre Filter Cassette - M5	HTM/430/430/42/M5
Active Carbon Filter Cassette	HTM/430/430/48 - AC
Main Filter Cassette - H13	HTM/460/460/292/H13
Main Filter Cassette - F9	HTM/460/460/292/F9
Flexible Hose for 2 mt Arm	MF-2H-S
Flexible Hose for 3 mt Arm	MF-3H-S



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CLEANABLE CARTRIDGE FILTERS

Top quality and cleanable cartridge filters allow you long filter lifetime and lower cost of ownership

CONTROL & SIGNAL PANEL

Each device equipped with filter clog display, fan rotation direction display, ON/OFF switch and working hour counters.

GENERAL INFORMATION

Filter Type	Cartridge
Filter Media	
Standard	nanoBLEND FR
Optional	polyMIGHT PTFE 65
No of Cartridge Filters	1
Total Filtration Area	
Standard	18 m ²
Optional	10 m ²
Filtration Efficiency	
Standard	F9 Class
Optional	H13/H14 Class

TECHNICAL INFORMATION

Extraction Capacity	1.200 m ³ /h
Dimensions (W x L x H)	660 x 805 x 1.210 mm
Motor Power	
Standard	0,75 kW - 3.000 rpm
Optional	1,10 kW - 3.000 rpm
Power Supply	
Standard	380 V / 50 Hz
Optional	230 V - 50 Hz
Noise Level	72 dB(a)

ORDER NO

No Arm, SFS	TMONO.0.18.B135FR.50.380
1 Arm, 3 m, Inner Support, SFS	TMONO.131.18.B135FR.50.380
1 Arm, 3 m, External Support, SFS	TMONO.130.18.B135FR.50.380
1 Arm, 4 m, External Support, SFS	TMONO.140.18.B135FR.50.380
No Arm, OFS	TMONO.0.10.265PTFE.50.380
1 Arm, 3 m, Inner Support, OFS	TMONO.131.10.265PTFE.50.380
1 Arm, 3 m, External Support, OFS	TMONO.130.10.265PTFE.50.380
1 Arm, 4 m, External Support, OFS	TMONO.140.10.265PTFE.50.380

SFS : Standard Filter Set
 OFS: Optional Filter Set

SPARE PART ORDER NO

nanoBLEND FR Filter	HTM/351/600/B135FR/18
polyMIGHT PTFE 65 Filter	HTM/351/600/265PTFE/10
3 m Flexible Hose	MF-3H-S
4 m Flexible Hose	MF-4H-S



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CONTROL & SIGNAL PANEL

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GENERAL INFORMATION

Filter Type	Cartridge
Filter Media	
Standard	nanoBLEND FR
Optional	polyMIGHT PTFE 65
No of Cartridge Filters	1
Total Filtration Area	
Standard	24 m ²
Optional	20 m ²
Filtration Efficiency	
Standard	F9 Class
Optional	H13/H14 Class

TECHNICAL INFORMATION

Extraction Capacity	
1 Arm Model	1.400 m ³ /h
2 Arms Model	2 x 1.100 m ³ /h
Dimensions (W x L x H)	650 x 815 x 1.320 mm
Motor Power	1,1 kW - 3.000 rpm
Power Supply	
Standard	380 V / 50 Hz
Optional	230 V - 50 Hz
Noise Level	73 dB(a)

ORDER NO

No Arm, SFS	TPRO.0.24.B135FR.50.380
1 Arm, 3 m, Inner Support, SFS	TPRO.131.24.B135FR.50.380
1 Arm, 3 m, External Support, SFS	TPRO.130.24.B135FR.50.380
1 Arm, 4 m, External Support, SFS	TPRO.140.24.B135FR.50.380
No Arm, OFS	TPRO.0.20.265PTFE.50.380
1 Arm, 3 m, Inner Support, OFS	TPRO.131.20.265PTFE.50.380
1 Arm, 3 m, External Support, OFS	TPRO.130.20.265PTFE.50.380
1 Arm, 4 m, External Support, OFS	TPRO.140.20.265PTFE.50.380
2 Arms, 3 m, Inner Support, SFS	TPRO.231.24.B135FR.50.380
2 Arms, 3 m, External Support, SFS	TPRO.230.24.B135FR.50.380
2 Arms, 4 m, External Support, SFS	TPRO.240.24.B135FR.50.380
2 Arms, 3 m, Inner Support, OFS	TPRO.231.20.265PTFE.50.380
2 Arms, 3 m, External Support, OFS	TPRO.230.20.265PTFE.50.380
2 Arms, 4 m, External Support, OFS	TPRO.240.20.265PTFE.50.380

SFS : Standard Filter Set
 OFS: Optional Filter Set

SPARE PART ORDER NO

nanoBLEND FR Filter	HTM/380/660/B135FR/24
polyMIGHT PTFE 65 Filter	HTM/380/660/265PTFE/20
3 m Flexible Hose	MF-3H-S
4 m Flexible Hose	MF-4H-S



HIGH QUALITY EXTRACTION ARM

Durable extraction arms designed to provide best performance during extraction of fumes & dusts.

STATE OF THE ART EXTRACTION HOOD

Special designed extraction hood provide superior performance.

JET-PULSE AUTOMATIC CLEANING SYSTEM

Automatic jet-pulse cleaning system for continuous operation and less frequent maintenance.

CLEANABLE CARTRIDGE FILTERS

Top quality and cleanable cartridge filters allow you long filter lifetime and lower cost of ownership

CONTROL & SIGNAL PANEL

Each device equipped with filter clog display, fan rotation direction display, ON/OFF switch and working hour counters.

GENERAL INFORMATION

Filter Type	Cartridge
Filter Media	
Standard	nanoBLEND FR
Optional	polyMIGHT PTFE 65
No of Cartridge Filters	2
Total Filtration Area	
Standard	36 m ²
Optional	20 m ²
Filtration Efficiency	
Standard	F9 Class
Optional	H13/H14 Class

TECHNICAL INFORMATION

Extraction Capacity	
1 Arm Model	1.400 m ³ /h
2 Arms Model	2 x 1.100 m ³ /h
Dimensions (W x L x H)	890 x 810 x 1.760 mm
Motor Power	1,1 kW - 3.000 rpm
Power Supply	
Standard	380 V / 50 Hz
Optional	230 V - 50 Hz
Noise Level	73 dB(a)

ORDER NO

No Arm, SFS	TPULSE.0.36.B135FR.50.380
1 Arm, 3 m, Inner Support, SFS	TPULSE.131.36.B135FR.50.380
1 Arm, 3 m, External Support, SFS	TPULSE.130.36.B135FR.50.380
1 Arm, 4 m, External Support, SFS	TPULSE.140.36.B135FR.50.380
No Arm, OFS	TPULSE.0.20.265PTFE.50.380
1 Arm, 3 m, Inner Support, OFS	TPULSE.131.20.265PTFE.50.380
1 Arm, 3 m, External Support, OFS	TPULSE.130.20.265PTFE.50.380
1 Arm, 4 m, External Support, OFS	TPULSE.140.20.265PTFE.50.380
2 Arms, 3 m, Inner Support, SFS	TPULSE.231.36.B135FR.50.380
2 Arms, 3 m, External Support, SFS	TPULSE.230.36.B135FR.50.380
2 Arms, 4 m, External Support, SFS	TPULSE.240.36.B135FR.50.380
2 Arms, 3 m, Inner Support, OFS	TPULSE.231.20.265PTFE.50.380
2 Arms, 3 m, External Support, OFS	TPULSE.230.20.265PTFE.50.380
2 Arms, 4 m, External Support, OFS	TPULSE.240.20.265PTFE.50.380

SFS : Standard Filter Set
OFS: Optional Filter Set

SPARE PART ORDER NO

nanoBLEND FR Filter	HTM/351/600/B135FR/18
polyMIGHT PTFE 65 Filter	HTM/351/600/265PTFE/10
3 m Flexible Hose	MF-3H-S
4 m Flexible Hose	MF-4H-S



HIGH QUALITY EXTRACTION ARM

Durable extraction arms designed to provide best performance during extraction of fumes & dusts.

STATE OF THE ART EXTRACTION HOOD

Special designed extraction hood provide superior performance.

CLEANABLE CARTRIDGE FILTERS

With the Rotary Wing Filter Cleaning System, top-quality, cleanable cartridge filters ensure long filter lifetime and reduced cost of ownership.

CONTROL & SIGNAL PANEL

Each device equipped with filter clog display, fan rotation direction display, ON/OFF switch and working hour counters.

GENERAL INFORMATION

Filter Stages	1
Filter Type	Cartridge
Filter Media	
Standard	nanoBLEND FR
Optional	polyMIGHT PTFE 65
Total Filtration Area	
Standard	10 m ²
Optional	5 m ²
Filtration Efficiency	
Standard	F9 (MERV16) Class
Optional	H13 Class

TECHNICAL INFORMATION

Extraction Capacity	
Without Arm	1.500 m ³ /h
With Arm	1.200 m ³ /h
Dimensions	570 x 665 x 1.150 mm
Weight	90 kg
Motor Power	0,75 kW - 3.000 rpm
Power Supply	230 V / 50 Hz
Noise Level	72 dB(a)

ORDER NO

No Arm, SFS	TPRIME.0.10.B135FR.50.380
1 Arm, 3m, Inner Support, SFS	TPRIME.131.10.B135FR.50.380
1 Arm, 3m, Outer Support, SFS	TPRIME.130.10.B135FR.50.380
1 Arm, 4m, Outer Support, SFS	TPRIME.140.10.B135FR.50.380
No Arm, OFS	TPRIME.0.5.265PTFE.50.380
1 Arm, 3m, Inner Support, OFS	TPRIME.131.5.265PTFE.50.380
1 Arm, 3m, Outer Support, OFS	TPRIME.130.5.265PTFE.50.380
1 Arm, 4m, Outer Support, OFS	TPRIME.140.5.265PTFE.50.380

SFS : Standard Filter Set

OFS: Optional Filter Set



HIGH QUALITY EXTRACTION ARM

Durable extraction arms designed to provide best performance during extraction of fumes & dusts.

STATE OF THE ART EXTRACTION HOOD

Special designed extraction hood provide superior performance.

CLEANABLE CARTRIDGE FILTERS

With the Rotary Wing Filter Cleaning System, and the optional Jet Pulse technology, our top-quality cartridge filters ensure extended filter life and reduced cost of ownership.

CONTROL & SIGNAL PANEL

Each device equipped with filter clog display, fan rotation direction display, ON/OFF switch and working hour counters.

GENERAL INFORMATION

Filter Stages	1
Filter Type	Cartridge
Filter Media	
Standard	nanoBLEND FR
Optional	polyMIGHT PTFE 65
Total Filtration Area	
Standard	20 m ²
Optional	10 m ²
Filtration Efficiency	
Standard	F9 (MERV16) Class
Optional	H13 Class

TECHNICAL INFORMATION

Extraction Capacity	
1 Arm Model	1.700 m ³ /h
2 Arm Model	1.200 m ³ /h
Dimensions	695 x 885 x 1300 mm
Weight	110 kg
Motor Power	1,1 kW - 3.000 rpm
Power Supply	230 V / 50 Hz
Noise Level	72 dB(a)

ORDER NO

No Arm, SFS	TADV.0.20.B135FR.50.380
1 Arm, 3m, Inner Support, SFS	TADV.131.20.B135FR.50.380
1 Arm, 3m, Outer Support, SFS	TADV.130.20.B135FR.50.380
1 Arm, 4m, Outer Support, SFS	TADV.140.20.B135FR.50.380
No Arm, OFS	TADV.0.10.265PTFE.50.380
1 Arm, 3m, Inner Support, OFS	TADV.131.10.265PTFE.50.380
1 Arm, 3m, Outer Support, OFS	TADV.130.10.265PTFE.50.380
1 Arm, 4m, Outer Support, OFS	TADV.140.10.265PTFE.50.380
No Arm, SFS	TADV.0.20.B135FR.50.380
1 Arm, 3m, Inner Support, SFS	TADV.231.20.B135FR.50.380
1 Arm, 3m, Outer Support, SFS	TADV.230.20.B135FR.50.380
1 Arm, 4m, Outer Support, SFS	TADV.240.20.B135FR.50.380
No Arm, OFS	TADV.0.10.265PTFE.50.380
1 Arm, 3m, Inner Support, OFS	TADV.231.10.265PTFE.50.380
1 Arm, 3m, Outer Support, OFS	TADV.230.10.265PTFE.50.380
1 Arm, 4m, Outer Support, OFS	TADV.240.10.265PTFE.50.380

SFS : Standard Filter Set
 OFS: Optional Filter Set



GENERAL INFORMATION	MOBY	TOFILmono	TOFILpro	TOFILpulse
Filter Type	Cartridge	Cartridge	Cartridge	Cartridge
Filter Media				
Standard	G2 Metal + F9	nanoBLEND FR	nanoBLEND FR	nanoBLEND FR
Optional	G2 Metal + H13	polyMIGHT PTFE 65	polyMIGHT PTFE 65	polyMIGHT PTFE 65
No of Filters	1	1	1	2
Total Filtration Area				
Standard	13 m ²	18 m ²	24 m ²	36 m ²
Optional	13 m ²	10 m ²	20 m ²	20 m ²
Filtration Efficiency				
Standard	F9 Class	F9 Class	F9 Class	F9 Class
Optional	H13 Class	H13/H14 Class	H13/H14 Class	H13/H14 Class
TECHNICAL INFORMATION	MOBY	TOFILmono	TOFILpro	TOFILpulse
Extraction Capacity				
1 Arm Model	1.000 m ³ /h	1.200 m ³ /h	1.400 m ³ /h	1.400 m ³ /h
2 Arms Model	N/A	N/A	2 x 1.100 m ³ /h	2 x 1.100 m ³ /h
Dimensions (W x L x H)	620 x 550 x 900 mm	660 x 805 x 1.210 mm	650 x 815 x 1.320 mm	890 x 810 x 1.760 mm
Motor Power				
Standard	0,75 kW – 3.000 rpm	0,75 kW – 3.000 rpm	1,1 kW – 3.000 rpm	1,1 kW – 3.000 rpm
Optional		1,10 kW – 3.000 rpm		
Power Supply				
Standard	230 V - 50 Hz	380 V / 50 Hz	380 V / 50 Hz	380 V / 50 Hz
Optional		230 V - 50 Hz	230 V - 50 Hz	230 V - 50 Hz
Noise Level	72 dB(a)	72 dB(a)	73 dB(a)	73 dB(a)



GENERAL INFORMATION	TOFILadvance	TOFILprime		
Filter Type	Cartridge	Cartridge		
Filter Media				
Standard	nanoBLEND FR	nanoBLEND FR		
Optional	polyMIGHT PTFE 65	polyMIGHT PTFE 65		
No of Filters	1	1		
Total Filtration Area				
Standard	20 m ²	10 m ²		
Optional	10 m ²	5 m ²		
Filtration Efficiency				
Standard	F9 Class	F9 Class		
Optional	H13 Class	H13 Class		
TECHNICAL INFORMATION	TOFILadvance	TOFILprime		
Extraction Capacity				
1 Arm Model	1.700 m ³ /h	1.200 m ³ /h		
2 Arms Model	1.200 m ³ /h			
Dimensions (W x L x H)	695 x 885 x 1300 mm	570 x 665 x 1.150 mm		
Motor Power	1,1 kW – 3.000 rpm	0,75 kW – 3.000 rpm		
Power Supply	230 V – 50 Hz	230 V / 50 Hz		
Noise Level	72 dB(a)	72 dB(a)		



CONTROL & SIGNAL PANEL

Control panel contains START, STOP buttons, MANUEL/AUTO Switch, Error, System Ready and Filter Full Indicators.

AUTO-RUN MODE

Mikrofil MIDI devices ready to sync with tools. The link to the welding or polishing machine is saving time and energy.

JET-PULSE AUTOMATIC CLEANING SYSTEM

Automatic jet-pulse cleaning system for continuous operation and less frequent maintenance.

CLEANABLE CARTRIDGE FILTERS

Top quality and cleanable cartridge filters allow you long filter lifetime and lower cost of ownership

BRUSHLESS TURBO BLOWER

High efficient Brushless Turbo Blowers provides excellent extraction performance while minimizing the maintenance requirement.

GENERAL INFORMATION

Filter Type	Cartridge
Filter Media	
Standard	nanoBLEND FR
Optional	polyMIGHT PTFE 65
Total Filtration Area	
Standart	10 m ²
Optional	5 m ²
Filtration Efficiency	
Standard	F9 (MERV 16) Class
Optional	H13 Class

AFTER FILTER

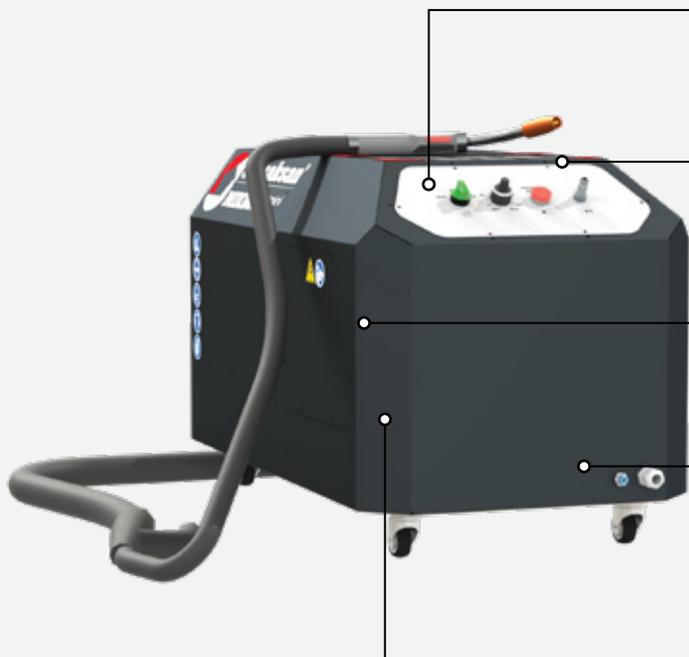
Filter Stage	1
Filter Technology	
Standart	G4 Class PAD Filter
Optional #1	H13 Class HEPA Filter
Optional #1	Activated Carbon Filter

ADDITIONAL INFORMATION

CE Certification	CE Certified
Fan Type	Side Channel Blower
Cleaning Type	
Standard	Manuel
Optional	Jet-Pulse
Dust Bin	7,5 lt
Inlet Dimension	Ø50 mm
HS Code	8421.39.85.90.00

TECHNICAL INFORMATION

Extraction Capacity	145 m ³ /h
Vacuum Pressure	160 mBar
Dimension	500 x 880 x 555 mm
Weight	55 kg
Motor Power	0,85 kW - 2.905 rpm
Power Supply	230 V - 50 Hz
	400 V - 50 Hz
	460 V - 60 Hz
Sound Level	<70 dB(A)



CONTROL & SIGNAL PANEL

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GENERAL INFORMATION

Filter Type	Cartridge
Filter Media	
<i>Standard</i>	nanoBLEND FR
<i>Optional</i>	polyMIGHT PTFE 65
Total Filtration Area	
<i>Standart</i>	10 m ²
<i>Optional</i>	5 m ²
Filtration Efficiency	
<i>Standard</i>	F9 (MERV 16) Class
<i>Optional</i>	H13 Class

AFTER FILTER

Filter Stage	1
Filter Technology	
<i>Standart</i>	G4 Class PAD Filter
<i>Optional #1</i>	H13 Class HEPA Filter
<i>Optional #1</i>	Activated Carbon Filter

ADDITIONAL INFORMATION

CE Certification	CE Certified
Fan Type	Side Channel Blower
Cleaning Type	
<i>Standard</i>	Manuel
<i>Optional</i>	Jet-Pulse
Dust Bin	7,5 lt
Inlet Dimension	Ø50 mm
HS Code	8421.39.85.90.00

TECHNICAL INFORMATION

Extraction Capacity	210 m ³ /h
Vacuum Pressure	200 mBar
Dimension	500 x 880 x 555 mm
Weight	60 kg
Motor Power	1,6 kW – 2.905 rpm
Power Supply	230 V – 50 Hz
	400 V – 50 Hz
	460 V – 60 Hz
Sound Level	<70 dB(A)



CONTROL & SIGNAL PANEL

Control panel contains START, STOP buttons, MANUEL/AUTO Switch, Error, System Ready and Filter Full Indicators.



AUTO-RUN MODE

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GENERAL INFORMATION

Filter Type	Cartridge
Filter Media	
Standard	nanoBLEND FR
Optional	polyMIGHT PTFE 65
No of Cartridge Filters	1
Total Filtration Area	
Standard #1 (300 mm filter length)	9 m ²
Standard #2 (600 mm filter length)	18 m ²
Optional #1 (300 mm filter length)	5 m ²
Optional #2 (600 mm filter length)	10 m ²
Filtration Efficiency	
Standard	F9 Class
Optional	H13/H14 Class

TECHNICAL INFORMATION

Extraction Capacity	210 m ³ /h
Vacuum Pressure	200 mBar
Dimensions (W x L x H)	600 x 885 x 1.100 mm
Motor Power	1,6 kW - 2.850 rpm
Power Supply	380 V / 50 Hz
Noise Level	70 dB(a)

ORDER NO

No Hose, SFS	MFILMIDI.20.B135FR.50.380
No Hose, OFS	MFILMIDI.10.265PTFE.50.380

SFS : Standard Filter Set

OFS: Optional Filter Set

*Mikrofil MIDI high vacuum on torch extraction units do not contain extraction hose, nozzle or extraction torch. You need to inquiry correct accessories for your specific process.

ACCESSORIES ORDER NO

Ø50 mm Flexible Hose - 2,5 mt	HV.50.HOSE.25
Ø50 mm Flexible Hose - 5 mt	HV.50.HOSE.50
Ø50 mm Flexible Hose - 10 mt	HV.50.HOSE.100
Automatic start/stop sensor	AUTO.MF.SENSOR
Extraction Hood for Robot Torch	ROB.TOR.HOOD.[*]

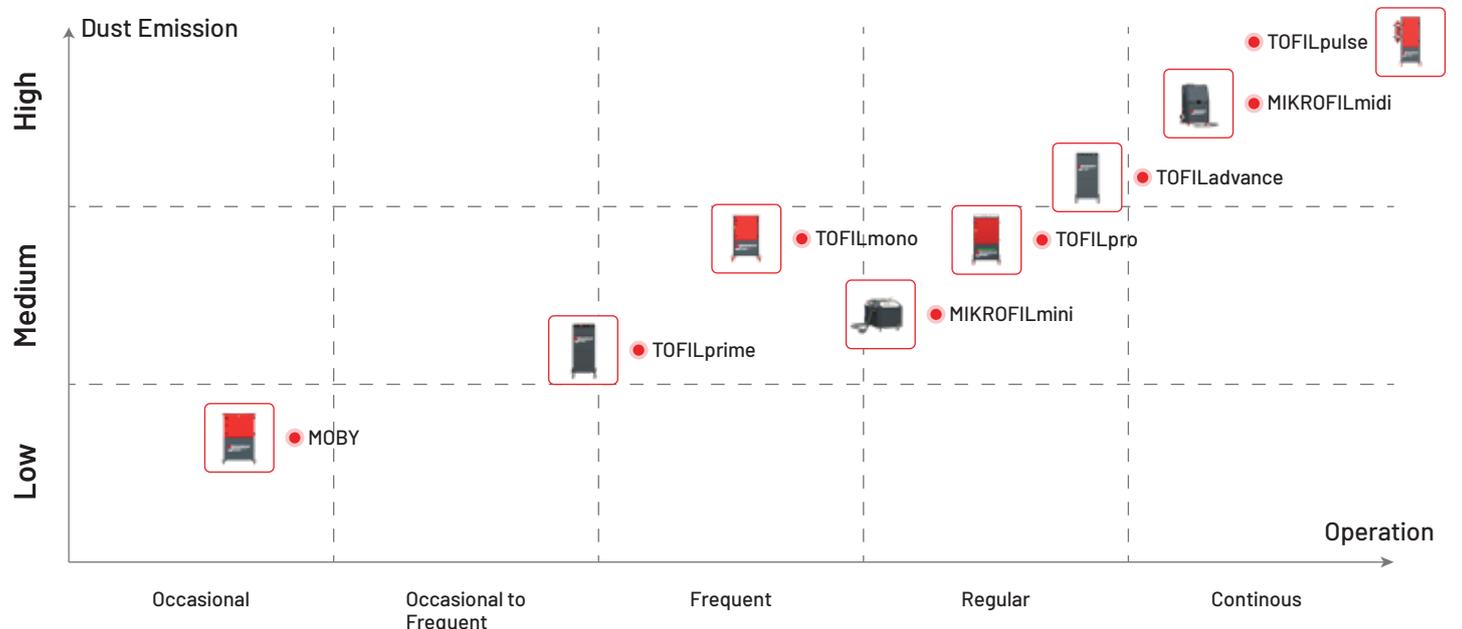
*Welding Torch diameter should be given in mm.

For fume extraction torch, please contact Bomaksan Sales Team.

SPARE PART ORDER NO

nanoBLEND FR Filter - 300 mm	HTM/351/300/B135FR/9
polyMIGHT PTFE 65 Filter - 300 mm	HTM/351/300/265PTFE/5
nanoBLEND FR Filter - 600 mm	HTM/351/600/B135FR/18
polyMIGHT PTFE 65 Filter - 600 mm	HTM/351/600/265PTFE/10

Emission Rate	Material	Use			
		Occasional	Occasional to Frequent	Regular	Continuous
Class I & II < 1-2 mg/s Submerged Arc Welding TIG Welding Laser Welding	Non - Alloy Low - Alloy	MOBY	MOBY TOFILprime TOFILadvance	TOFILprime TOFILpro TOFILpulse	TOFILpro TOFILpulse
	Aluminium	MOBY	MOBY TOFILprime TOFILadvance	TOFILprime TOFILpro TOFILpulse	TOFILpro TOFILpulse
	High-Alloy Alloy Steel	MOBY	MOBY TOFILprime TOFILadvance	TOFILprime TOFILpro TOFILpulse	TOFILpro TOFILpulse
Class III 2-25 mg/s Electric Arc Welding MIG/MAG Welding	Non - Alloy Low - Alloy Aluminium	MOBY	TOFILprime TOFILadvance	TOFILpro TOFILpulse	TOFILpro TOFILpulse
	High-Alloy Non-Ferrous Metal	MOBY	TOFILprime TOFILadvance	TOFILpro TOFILpulse	TOFILpro TOFILpulse
Class IV >25 mg/s Flux-Cored Wire Welding	Non - Alloy Low - Alloy Aluminium	TOFILprime TOFILadvance	TOFILadvance TOFILpulse	TOFILadvance TOFILpulse	TOFILadvance TOFILpulse
	High-Alloy Non-Ferrous Metal	TOFILprime TOFILadvance	TOFILadvance TOFILpulse	TOFILadvance TOFILpulse	TOFILadvance TOFILpulse





HIGH QUALITY EXTRACTION ARM

Durable extraction arms designed to provide best performance during extraction of fumes & dusts.

DURABLE FLEXIBLE HOSE

High quality flexible hoses are designed to serve in harsh working environments

STATE OF THE ART EXTRACTION HOOD

Special designed extraction hood provide superior performance.

SWIEVEL

High quality swivel is designed for easy operation.

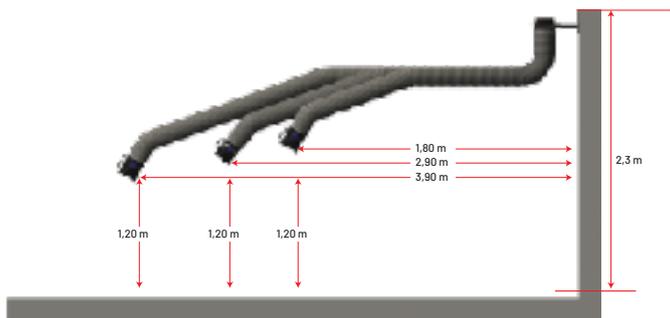
GENERAL INFORMATION

Type	Wall Type
Support Type	Inner Support
Max. Operating Temperature	80°C
Application	Fume and Gas
Hood Material	Plastic
Hose Material	PVC

TECHNICAL INFORMATION

Hose Length	2m - 3m - 4 m
Hose Diameter	Ø160 mm
Rec. Air Flow	1.200 - 2.100 m ³ /h

max. OPERATING DISTANCE



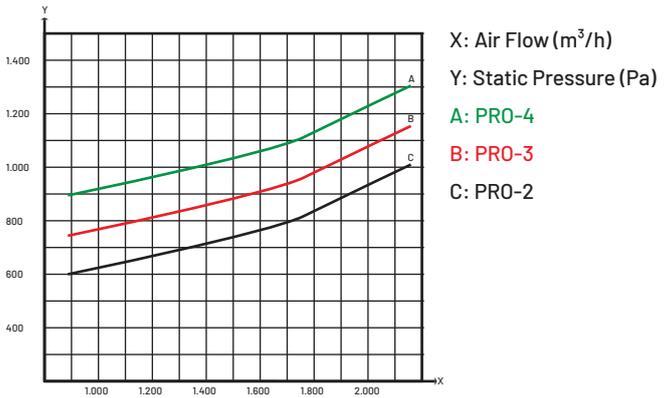
ORDER NO

2 m Inner Support Arm	6G.D.PRO.2
3 m Inner Support Arm	6G.D.PRO.3
4 m Inner Support Arm	6G.D.PRO.4

SPARE PART ORDER NO

2 m Flexible Hose	MF-2H-S
3 m Flexible Hose	MF-3H-S
4 m Flexible Hose	MF-4H-S
Hood	MF-D-P

PRESSURE DROP





HIGH QUALITY EXTRACTION ARM

Durable extraction arms designed to provide best performance during extraction of

DURABLE FLEXIBLE HOSE

High quality flexible hoses are designed to serve in harsh working environments

STATE OF THE ART EXTRACTION HOOD

Special designed extraction hood provide superior performance.

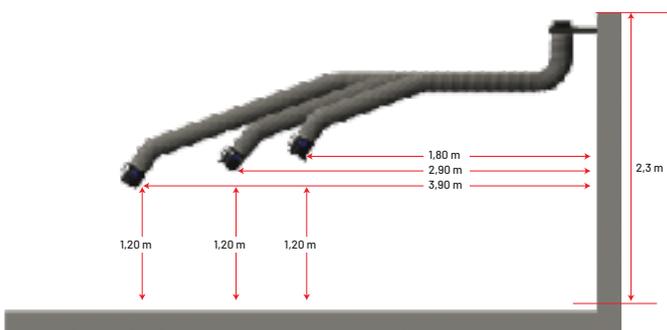
DURABLE HYDRAULIC SUPPORT STRUCTURE

The hydraulic piston external joint is designed for long-term use without hindering easy operation.

GENERAL INFORMATION	
Type	Wall Type
Support Type	External Support
Max. Operating Temperature	80°C
Application	Fume, Dust and Oil Mist
Hood Material	Plastic
Hose Material	PVC

TECHNICAL INFORMATION	
Hose Length	2m - 3m - 4 m
Hose Diameter	Ø160 mm
Rec. Air Flow	1.200 - 2.100 m ³ /h

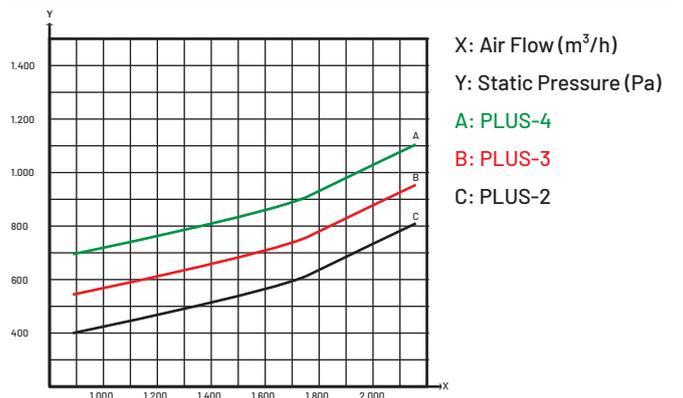
max. OPERATING DISTANCE

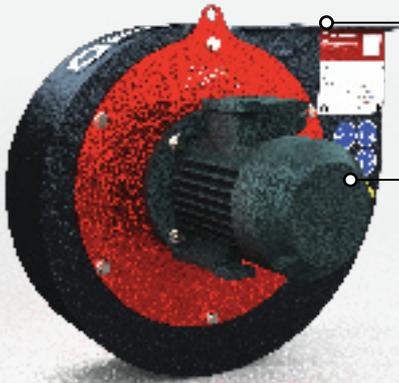


ORDER NO	
2 m External Support Arm	6G.D.PLUS.2
3 m External Support Arm	6G.D.PLUS.3
4 m External Support Arm	6G.D.PLUS.4

SPARE PART ORDER NO	
2 m Flexible Hose	MF-2H-S
3 m Flexible Hose	MF-3H-S
4 m Flexible Hose	MF-4H-S
Hood	MF-D-P

PRESSURE DROP





HIGH EFFICIENT IMPELLER

The specially designed high-efficiency fan impeller provides the required air flow rate.

MOTOR

High efficient electrical motor.

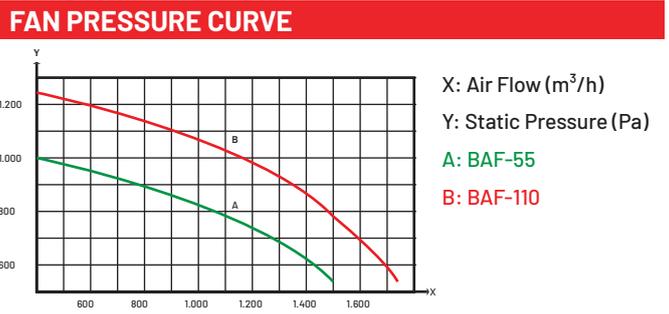
GENERAL INFORMATION	
Type	Radial Fan
Application	Fume, Dust & Gas

TECHNICAL INFORMATION	
Motor Power	
BAF-55	0,55 kW - 3.000 rpm
BAF-110	1,10 kW - 3.000 rpm
Power Supply	
BAF-55	230 V / 50 Hz
BAF-110	380 V / 50 Hz

GENERAL INFORMATION	
Material	ST-37 Carbon Steel

TECHNICAL INFORMATION	
Extension Length	
BAK-2	2 m
BAK-3	3 m
BAK-4	4 m

ORDER NO	
FAN for Akrobat PLUS series	BAF.55
FAN for Akrobat PRO series	BAF.55
FAN for Extension Booms + Extraction Arms	BAF.110



ORDER NO	
Extension Boom for 2 m	BAK.2
Extension Boom for 3 m	BAK.3
Extension Boom for 4 m	BAK.4

DURABLE STEEL STRUCTURE

Designed to carry all kinds of Bomaksan Extraction Arms safely and securely.



* Sample image, Ducts are not in scope of supply.



ALL MECHANIC

Bomaksan Retrowall filter units are all mechanical plug&play units which does not need electrical or compressed air connection.

FILTER LEVEL DISPLAY

Mechanical differential pressure level indicator shows the filter clog level.

CLEANABLE CARTRIDGE FILTERS

Cartridge filters in the RETROWall is cleanable. They can be re-used after cleaned by compressed air.

GENERAL INFORMATION

Filter Type	Cartridge
Filter Media	
<i>Standard</i>	nanoBLEND FR
<i>Optional</i>	polyMIGHT PTFE 65
No of Cartridge Filters	1
Total Filtration Area	
<i>Standard</i>	18 m ²
<i>Optional</i>	12 m ²
Filtration Efficiency	
<i>Standard</i>	F9 Class
<i>Optional</i>	H13/H14 Class

TECHNICAL INFORMATION

Filtration Capacity	1.500 m ³ /h
Dimensions (W x L x H)	560 x 555 x 650 mm
Weight	35 kg
Motor Power	No Motor
Power Supply	No Need

*retroWALL series need to be equipped with an extraction fan, fan control panel and extraction hood (such as arm, bench, special designed hood, hose etc.)

ORDER NO

No Arm, SFS	RTW.0.18.B135FR
No Arm, OFS	RTW.0.12.265PTFE

SFS : Standard Filter Set
OFS: Optional Filter Set

SPARE PART ORDER NO

nanoBLEND FR Filter	HTM/380/400/B135FR/18
polyMIGHT PTFE 65 Filter	HTM/380/400/265PTFE/12



EXPANDABLE WORKING AREA

Openable side panels allow you to expand working area. 3 Position is available

GRID PANELS FOR EASY MAINTENANCE

Grid base panels can be remove easily with hand and allow you to clean hooper easily.

HIGH EFFICIENT CASSETTE FILTERS

High efficiency cassette filters with 3 stages, easy to install and remove, guarantee clean air.

CONTROL & SIGNAL PANEL

Equipped with filter clog display, ON / OFF switch and working hour counter.

GENERAL INFORMATION

Filter Type	Cassette
Filter Stages - Standard	
Pre Filter - AluMesh	G2 Class (Washable)
Main Filter Cassette	F9 Class
Filter Area	
Main Filter Cassette	13 m ²
Filtration Efficiency	
Standard	F9 Class
Optional	H13 Class
Optional Filters	
Pre Filter Pad	G4 Class
Pre Filter Cassette	M5 Class - 2 m ²
Main Filter	H13 Class - 13 m ²
Active Carbon Pad	Replaced w/Pre Filter Pad
Active Carbon Cassette	Replaced w/Pre Filter Cassette

BASIC INFORMATION

Extraction Capacity	1.500 m ³ /h
Fan Capacity	1.950 m ³ /h
Dimensions (mm)	620 x 550 x 1400 mm
Weight	120kg
Working Area	800 x 1.200 mm
Motor Power	0,75 kW
Power Supply	
Standard	230 V - 50 Hz
Optional	110 V - 50 Hz
Noise Level	75 dB(a)

ADDITIONAL INFORMATION

CE Certification	Certified
Fan Type	Radial Fan
HS Code	8421.39.85.90.00



EXPANDABLE WORKING AREA

Openable side panels allow you to expand working area. 3 Position is available

INTEGRATED SPARK SHIELD

Integrated spark shield protect main dust collector from sparks which could be arise during grinding operation

GRID PANELS FOR EASY MAINTENANCE

Grid base panels can be remove easily with hand and allow you to clean hooper easily.

HIGH QUALITY STEEL STRUCTURE

High quality and durable steel structure is designed and manufactured to operated in the most harsh environments.

CONNECTION FOR CENTRAL EXTRACTION

Duct connection outlet is designed in the right diameter for central dust extraction system

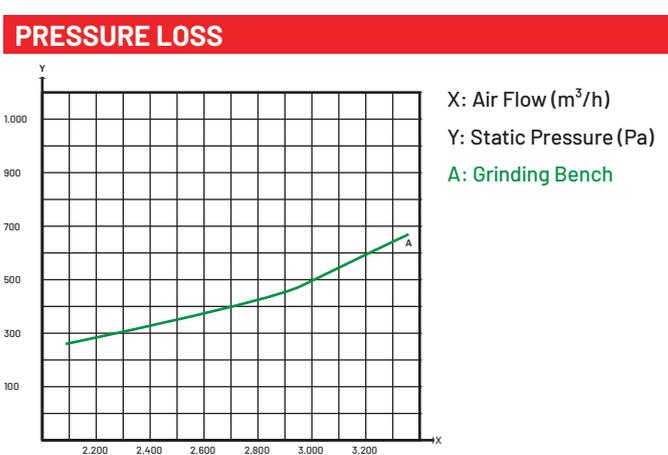
GENERAL INFORMATION	
Type	Bench for Dust Extraction
Application	Dust (Grinding etc.)

ORDER NO	
Standard Working Zone (80 x 120 cm)	BTM.80.120

*BTM series benches are modular. So you can place them side by side and increase working zone. If you want custom working zone, please do not hesitate to contact with Bomaksan Sales Team.

TECHNICAL INFORMATION	
Rec. Air Flow	min. 2.200 m ³ /h
Outlet Diameter	Ø200 mm
Dimension (W x L x H)	1.200 x 885 x 1.525 mm
Bench Height	870 mm

*BTM series need to be equipped with a dust collection system. They do not have integrated extraction fan and filters.





CONNECTION FOR CENTRAL EXTRACTION

Duct connection outlet is designed in the right diameter for central dust extraction system

EXPANDABLE WORKING AREA

Openable side panels allow you to expand working area. 3 Position is available

INTEGRATED SPARK SHIELD

Integrated spark shield protect main dust collector from sparks which could be avvarise during grinding operation

GRID PANELS FOR EASY MAINTENANCE

Grid base panels can be remove easily with hand and allow you to clean hooper easily.

HIGH QUALITY STEEL STRUCTURE

High quality and durable steel structure is designed and manufactured to operated in the most harsh environments.

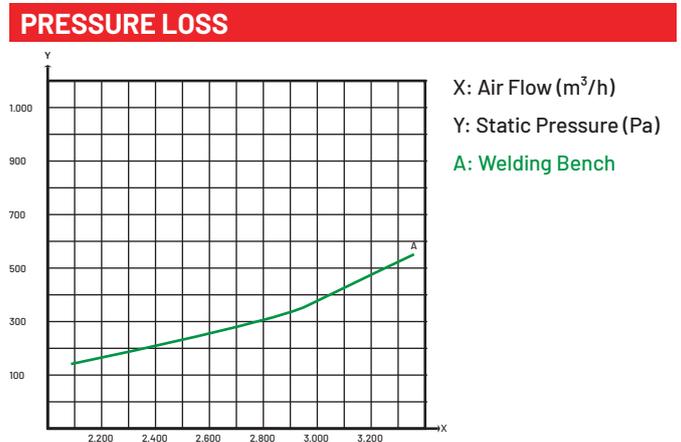
GENERAL INFORMATION	
Type	Bench for Fume Extraction
Application	Fume (Welding etc.)

ORDER NO	
Welding Bench for Extraction	BKM.80.120

*BKM series benches are modular. So you can place them side by side and increase working zone. If you want custom working zone, please do not hesitate to contact with Bomaksan Sales Team.

TECHNICAL INFORMATION	
Rec. Air Flow	min. 2.200 m ³ /h
Outlet Diameter	Ø200 mm
Dimension (W x L x H)	1.200 x 885 x 1.550 mm
Bench Height	870 mm

*BKM series need to be equipped with a dust collection system. They do not have integrated extraction fan and filters.





CLEANABLE CARTRIDGE FILTERS

Top quality and cleanable cartridge filters allow you long filter lifetime and lower cost of ownership

EXPANDABLE WORKING AREA

Openable side panels allow you to expand working area. 3 Position is available

INTEGRATED SPARK SHIELD

Integrated spark shield protect main dust collector from sparks which could be arise during grinding operation

INTEGRATED RADIAL FAN

High efficient and silent radial fan provides high extraction efficiency

TRAY FOR WASTE DUST

Tray for easy discharge of waste dust

GENERAL INFORMATION

Filter Type	Cartridge
Filter Media	
Standard	nanoBLEND FR
Optional	polyMIGHT PTFE 65
No of Cartridge Filters	2
Total Filtration Area	
Standard	40 m ²
Optional	20 m ²
Filtration Efficiency	
Standard	F9 Class
Optional	H13/H14 Class

TECHNICAL INFORMATION

Extraction Capacity	
Standard	2.500 m ³ /h
PRO version	5.500 m ³ /h
Dimensions (W x L x H)	1.208 x 1.464 x 1.602 mm
Motor Power	
Standard	1,5 kW - 1.500 rpm
PRO version	4,0 kW - 3.000 rpm
Power Supply	380 V / 50 Hz
Noise Level	75 dB(a)

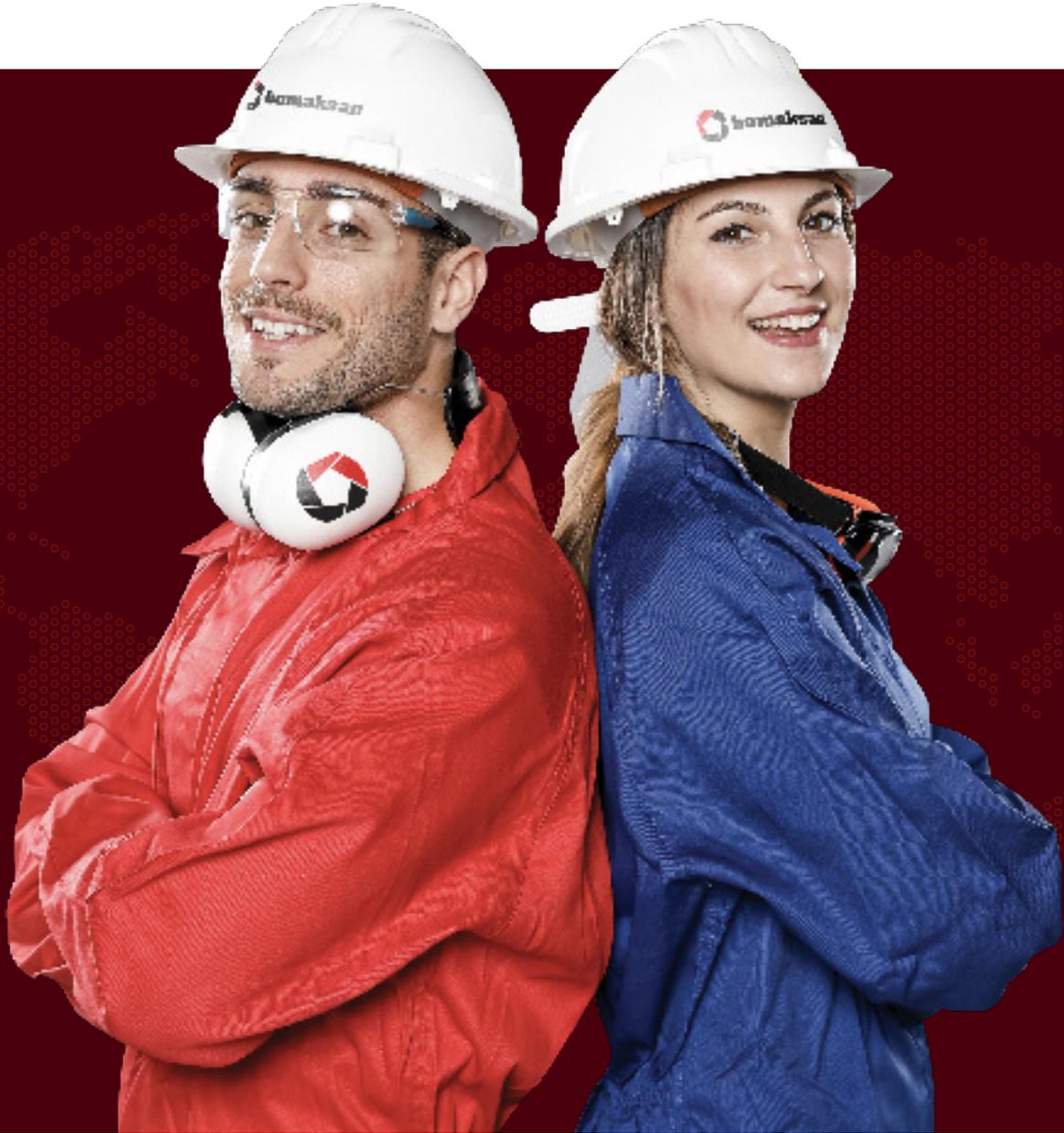
ORDER NO

Standard Version, SFS	TBENCH.80.120.40.B135FR.380.50
Standard Version, OFS	TBENCH.80.120.20.265PTFE.380.50
PRO Version, SFS	TBENCHPRO.80.120.40.B135FR.380.50
PRO Version, OFS	TBENCHPRO.80.120.20.265PTFE.380.50

SFS : Standard Filter Set
OFS: Optional Filter Set

SPARE PART ORDER NO

nanoBLEND FR Filter	HTM/450/450/500/B135FR/20
polyMIGHT PTFE 65 Filter	HTM/450/450/500/265PTFE/10



Due to improvement on products, Bomaksan reserves the right to change or modify all information taking place in this brochure at any time without any prior notice

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