
LEVbrochure

Local Exhaust Ventilation

MOBILE FILTERS, EXTRACTION ARMS, DOWNDRAFT TABLES
AND ACCESSORIES





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 up to 4 stages, easy to install and remove, guarantee clean air.

CONTROL & SIGNAL PANEL

Equipped with filter clog display and ON / OFF switch.

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



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)
Pre Filter Mat	G4 Class
Pre Filter Cassette	M5 Class
Main Filter Cassette	H13 Class
Filter Area	
Pre Filter Cassette	2 m ²
Main Filter Cassette	13 m ²
Filtration Efficiency	
Standard	99,99% @ MPPS
Optional Filters	
Active Carbon Filter Mat	Replaced w/ Pre Filter Mat
Active Carbon Filter Cassette	Replaced w/ Pre Filter Cassette

TECHNICAL INFORMATION

Extraction Capacity (Standard)	900 m ³ /h
Dimensions (W x L x H)	700 x 600 x 1.100 mm
Motor Power	0,55 kW - 3.000 rpm
Power Supply	
Standard	230 V - 50 Hz
Optional	110 V - 50 Hz
Noise Level	72 dB(a)

ORDER NO - FILTER UNIT

No Arm, SFS,230 V	DM.0.12.HEPA13.50.230
No Arm, ACMFS,230 V	DM.0.12.HEPA13.50.230.ACM
No Arm, ACCFS,230 V	DM.0.12.HEPA13.50.230.ACC
No Arm, SFS,110 V	DM.0.12.HEPA13.50.110
No Arm, ACMFS,110 V	DM.0.12.HEPA13.50.110.ACM
No Arm, ACCFS,110 V	DM.0.12.HEPA13.50.110.ACC

SFS : G2 Metal Filter + G4 Pad Filter + M5 Cassette Filter + H13 Main Filter
 ACMFS : G2 Metal Filter + Active Carbon Pad Filter + M5 Cas. Filter + H13 Main Filter
 ACCFS : G2 Metal Filter + G4 Pad Filter + Active Carbon Cassette 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.

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

SPARE PART ORDER NO

Pre Filter Mat (10 pcs / set)	HTM/PAD/430/430/G4
Active Carbon Filter Mat (10 pcs / set)	HTM/PAD/430/430/10 - AC
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
Flexible Hose for 2 mt Arm	MF-2H-S
Flexible Hose for 3 mt Arm	MF-3H-S



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STATE OF THE ART EXTRACTION HOOD

Special designed extraction hood provide superior performance.

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

ORDER NO - FILTER UNIT

No Arm, SFS,230 V	TMONO.0.18.B135FR.50.230
No Arm, SFS,380 V	TMONO.0.18.B135FR.50.380
No Arm, OFS,230 V	TMONO.0.10.265PTFE.50.230
No Arm, OFS,380 V	TMONO.0.10.265PTFE.50.380

SFS : Standard Filter Set

OFS : Optional Filter Set

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
Extraction Arm, 4 mt, External Support	F.PLUS.4.N

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 #1 [3-Phase]	0,75 kW - 3.000 rpm
Standar #2 [1-Phase]	1,10 kW - 3.000 rpm
Power Supply	
Standard #1 [3-Phase]	380 V / 50 Hz
Standar #2 [1-Phase]	230 V / 50 Hz
Noise Level	72 dB(a)

SPARE PART ORDER NO

nanoBLEND FR Filter (SFS Filter)	HTM/351/600/B135FR/18
polyMIGHT PTFE 65 Filter (OFS Filter)	HTM/351/600/265PTFE/10
Flexible Hose for 2 mt Arm	MF-2H-S
Flexible Hose for 3 mt Arm	MF-3H-S
Flexible Hose for 4 mt Arm	MF-4H-S



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

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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	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	380 V / 50 Hz
Noise Level	73 dB(a)

ORDER NO - FILTER UNIT

No Arm, SFS,380 V	TPRO.0.24.B135FR.50.380
No Arm, OFS,380 V	TPRO.0.20.265PTFE.50.380

SFS : Standard Filter Set
OFS : Optional Filter Set

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
Extraction Arm, 4 mt, External Support	F.PLUS.4.N

*TOFILpro model mobile filter units can be equipped with 2 extraction arms in 1 filter unit.
** 2nd extraction arm can be added later on.

SPARE PART ORDER NO

nanoBLEND FR Filter (SFS Filter)	HTM/380/660/B135FR/24
polyMIGHT PTFE 65 Filter (OFS Filter)	HTM/380/660/265PTFE/20
Flexible Hose for 2 mt Arm	MF-2H-S
Flexible Hose for 3 mt Arm	MF-3H-S
Flexible Hose for 4 mt Arm	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	380 V / 50 Hz
Noise Level	73 dB(a)

ORDER NO - FILTER UNIT

No Arm, SFS,380 V	TPULSE.0.36.B135FR.50.380
No Arm, OFS,380 V	TPULSE.0.20.265PTFE.50.380

SFS : Standard Filter Set
OFS : Optional Filter Set

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
Extraction Arm, 4 mt, External Support	F.PLUS.4.N

*TOFILpulse model mobile filter units can be equipped with 2 extraction arms in 1 filter unit.
** 2nd extraction arm can be added later on.

SPARE PART ORDER NO

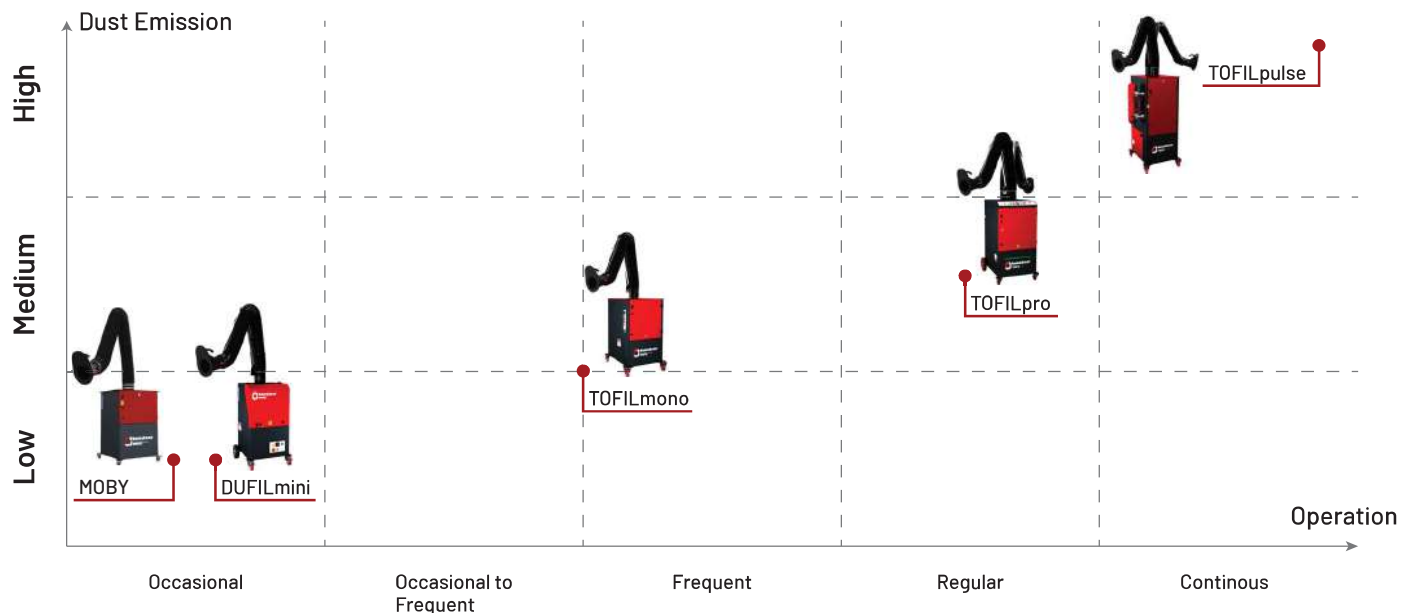
nanoBLEND FR Filter (SFS Filter)	HTM/351/600/B135FR/18
polyMIGHT PTFE 65 Filter (OFS Filter)	HTM/351/600/265PTFE/10
Flexible Hose for 2 mt Arm	MF-2H-S
Flexible Hose for 3 mt Arm	MF-3H-S
Flexible Hose for 4 mt Arm	MF-4H-S

*There are 2 pcs cartridge filter in each TOFILpulse mobile filter units. Please do not forget to order 2 pcs for each set.

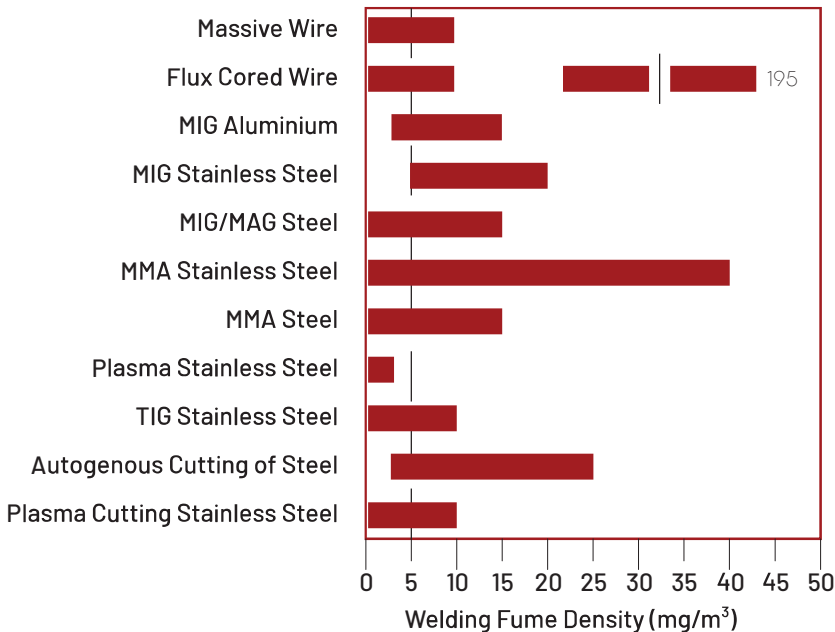


GENERAL INFORMATION	MOBY	DUFILmini	TOFILmono	TOFILpro	TOFILpulse
Filter Type	Cassette	Cassette	Cartridge	Cartridge	Cartridge
Filter Media					
Standard	G2 + F9	G4 + M5 + H13	nanoBLEND FR	nanoBLEND FR	nanoBLEND FR
Optional	G4 M5 H13	Active Carbon Filter	polyMIGHT PTFE 65	polyMIGHT PTFE 65	polyMIGHT PTFE 65
No of Filters	Active Carbon Filters	4	1	1	2
Total Filtration Area					
Standard	12 m ²	12 m ²	18 m ²	24 m ²	36 m ²
Optional	12 m ²	12 m ²	10 m ²	20 m ²	20 m ²
Filtration Efficiency					
Standard	F9 Class	H13 Class	F9 Class	F9 Class	F9 Class
Optional	H13 Class	H13 Class	H13/H14 Class	H13/H14 Class	H13/H14 Class

TECHNICAL INFORMATION	MOBY	DUFILmini	TOFILmono	TOFILpro	TOFILpulse
Extraction Capacity					
1 Arm Model	1.000 m ³ /h	900 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	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	700 x 600 x 1.100 mm	660 x 805 x 1.210 mm	650 x 815 x 1.320 mm	890 x 810 x 1.760 mm
Motor Power	0,75 kW - 3.000 rpm	0,55 kW - 3.000 rpm	0,75 kW - 3.000 rpm	1,1 kW - 3.000 rpm	1,1 kW - 3.000 rpm
Power Supply	230 V - 50 Hz	230 V - 50 Hz	380 V / 50 Hz	380 V / 50 Hz	380 V / 50 Hz
Noise Level	75 dB(a)	72 dB(a)	72 dB(a)	73 dB(a)	73 dB(a)



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	DUFILmini MOBY	MOBY TOFILmono TOFILpro	TOFILmono TOFILpro TOFILpulse	TOFILpro TOFILpulse
	Aluminium	DUFILmini MOBY	MOBY TOFILmono TOFILpro	TOFILmono TOFILpro TOFILpulse	TOFILpro TOFILpulse
	High-Alloy Alloy Steel	DUFILmini MOBY	MOBY TOFILmono TOFILpro	TOFILmono TOFILpro TOFILpulse	TOFILpro TOFILpulse
Class III 2-25 mg/s Electric Arc Welding MIG/MAG Welding	Non - Alloy Low - Alloy Aluminium	DUFILmini MOBY	TOFILmono TOFILpro	TOFILpro TOFILpulse	TOFILpro TOFILpulse
	High-Alloy Non-Ferrous Metal	DUFILmini MOBY	TOFILmono TOFILpro	TOFILpro TOFILpulse	TOFILpro TOFILpulse
Class IV >25 mg/s Flux-Cored Wire Welding	Non - Alloy Low - Alloy Aluminium	TOFILmono TOFILpro	TOFILpro TOFILpulse	TOFILpro TOFILpulse	TOFILpro TOFILpulse
	High-Alloy Non-Ferrous Metal	TOFILmono TOFILpro	TOFILpro TOFILpulse	TOFILpro TOFILpulse	TOFILpro TOFILpulse





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
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	max. 150 m ³ /h @ 15.000 Pa
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



CONTROL & SIGNAL PANEL

Control panel contains MANUEL/AUTO Switch, Speed Control Dimmer, Filter Full Indicator and AUTO Signal Output.

AUTO-RUN MODE

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

FAN VACUUM ADJUSTMENT

OPTIONAL fan speed and vacuum control to adjust convenient vacuum on the torch or on the suction hood.

JET-PULSE AUTOMATIC CLEANING SYSTEM

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

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BRUSHLESS TURBO BLOWER

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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	10 m ²
Optional #1	5 m ²
Filtration Efficiency	
Standard	F9 Class
Optional	H13/H14 Class

TECHNICAL INFORMATION	
Extraction Capacity	max. 145 m ³ /h @ 50 Hz
Vacuum Pressure	max. 160 mBar @ 50 Hz
Dimensions (W x L x H)	500 x 880 x 555 mm
Weight	55 kg
Motor Power	
50 Hz	0,85 kW - 2.905 rpm
60 Hz	0,95 kW - 3.425 rpm
	230 V / 50 Hz
Power Supply	400 V / 50 Hz
	460 V / 60 Hz
Noise Level	70 dB(a)

ORDER NO	
No Hose, SFS	MFILMINI.10.B135FR.BW8
No Hose, OFS	MFILMINI.5.265PTFE.BW8
No Hose, SFS, Vacuum Control	MFILMINI.10.B135FR.BW8.VFD
No Hose, OFS, Vacuum Control	MFILMINI.5.265PTFE.BW8.VFD

SFS : Standard Filter Set
OFS: Optional Filter Set

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.[*]
After Filter - H13 Class HEPA	HTM/210/300/H13
After Filter - Activated Carbon Filter	HTM/210/300/ACG
AUTO Jet-Pulse Cleaning Kit	MFILMINI.PULSE.KIT

*Welding Torch diameter should be given in mm.
For fume extraction torch, please contact Bomaksan Sales Team.

SPARE PART ORDER NO	
polyMIGHT 55 Filter	HTM/327G/300/255P/5
nanoBLEND FR Filter	HTM/327G/300/B135FR/10
polyMIGHT PTFE 65 Filter	HTM/327G/300/265PTFE/5
After Filter - G4 PAD	HTM/210/300/G4
After Filter - H13 HEPA Filter	HTM/210/300/H13
After Filter - Activated Carbon Filter	HTM/210/300/ACG

** Activated Carbon Filter OPTION in Mikrofil MINI series is Granulated Activated Carbon filter.

PRO VERSION



CONTROL & SIGNAL PANEL

Control panel contains MANUEL/AUTO Switch, Speed Control Dimmer, Filter Full Indicator and AUTO Signal Output.

AUTO-RUN MODE

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

FAN VACUUM ADJUSTMENT

OPTIONAL fan speed and vacuum control to adjust convenient vacuum on the torch or on the suction hood.

JET-PULSE AUTOMATIC CLEANING SYSTEM

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

CLEANABLE CARTRIDGE FILTERS

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BRUSHLESS TURBO BLOWER

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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	10 m ²
Optional #1	5 m ²
Filtration Efficiency	
Standard	F9 Class
Optional	H13/H14 Class

TECHNICAL INFORMATION	
Extraction Capacity	max. 210 m ³ /h @ 50 Hz
Vacuum Pressure	max. 200 mBar @ 50 Hz
Dimensions (W x L x H)	500 x 880 x 555 mm
Weight	60 kg
Motor Power	
50 Hz	1,6 kW - 2.890 rpm
60 Hz	2,05 kW - 3.420 rpm
Power Supply	230 V / 50 Hz
	400 V / 50 Hz
	460 V / 60 Hz
Noise Level	70 dB(a)

ORDER NO	
No Hose, SFS	MFILMINIPRO.10.B135FR.BW16
No Hose, OFS	MFILMINIPRO.5.265PTFE.BW16
No Hose, SFS, Vacuum Control	MFILMINIPRO.10.B135FR.BW16.VFD
No Hose, OFS, Vacuum Control	MFILMINIPRO.5.265PTFE.BW16.VFD

SFS : Standard Filter Set
OFS: Optional Filter Set

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.[*]
After Filter - H13 Class HEPA	HTM/210/300/H13
After Filter - Activated Carbon Filter	HTM/210/300/ACG
AUTO Jet-Pulse Cleaning Kit	MFILMINI.PULSE.KIT

*Welding Torch diameter should be given in mm.
For fume extraction torch, please contact Bomaksan Sales Team.

SPARE PART ORDER NO	
polyMIGHT 55 Filter	HTM/327G/300/255P/5
nanoBLEND FR Filter	HTM/327G/300/B135FR/10
polyMIGHT PTFE 65 Filter	HTM/327G/300/265PTFE/5
After Filter - G4 PAD	HTM/210/300/G4
After Filter - H13 HEPA Filter	HTM/210/300/H13
After Filter - Activated Carbon Filter	HTM/210/300/ACG

** Activated Carbon Filter OPTION in Mikrofil MINI series is Granulated Activated Carbon filter.



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.

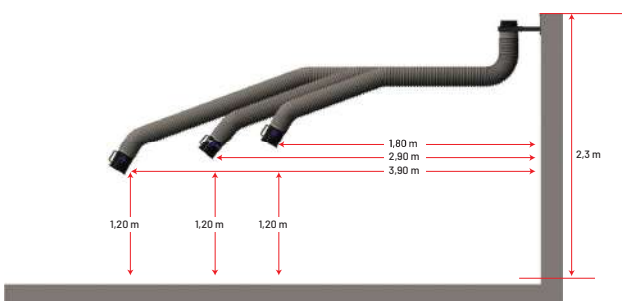
GENERAL INFORMATION

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



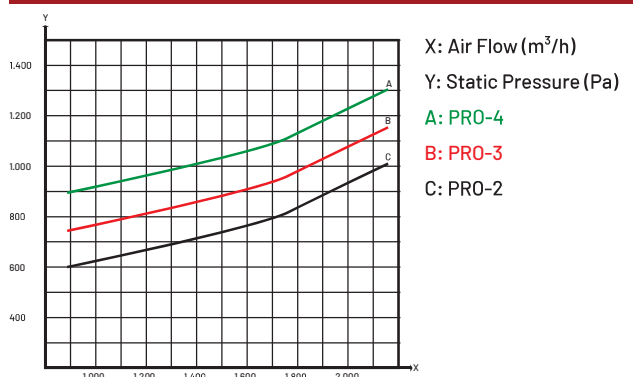
ORDER NO

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.

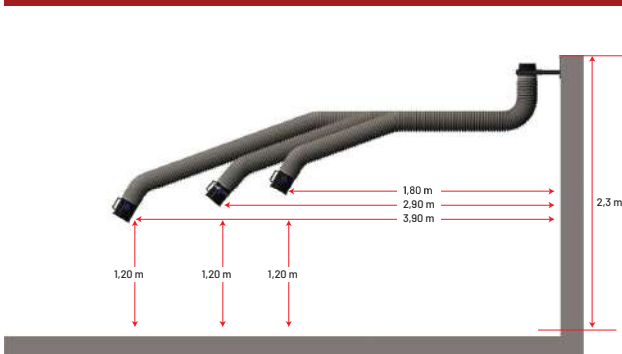
GENERAL INFORMATION

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 m³/h

max. OPERATING DISTANCE



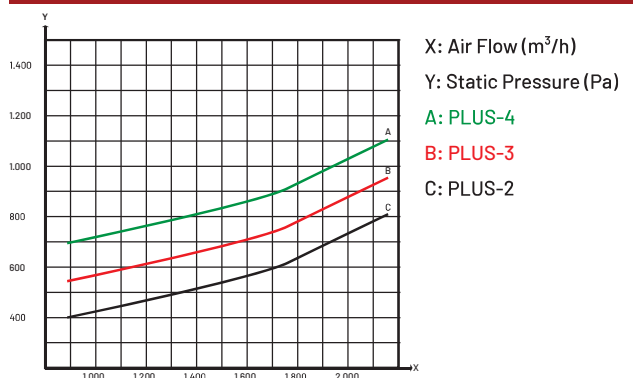
ORDER NO

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.

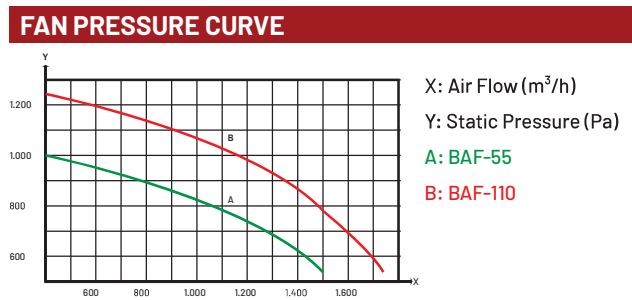
GENERAL INFORMATION	
Type	Radial Fan
Application	Fume, Dust & Gas

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

ORDER NO - ACCESSORIES

Extraction Arm, 2 mt, Inner Support	PRO.2.N
Extraction Arm, 3 mt, Inner Support	PRO.3.N
Extraction Arm, 4 mt, Inner Support	PRO.4.N
Extraction Arm, 2 mt, External Support	PLUS.2.N
Extraction Arm, 3 mt, External Support	PLUS.3.N
Extraction Arm, 4 mt, External Support	PLUS.4.N
Extraction Fan	BAF.110
Extension Boom for 2mt	BAK.2
Extension Boom for 3mt	BAK.3
Extension Boom for 4mt	BAK.4

* retroWALL units should be connected to an extraction fan and extraction equipment such as extraction arms. Multiple retroWALL units can be connected to a central extraction fan or single retroWALL units can be connected to a BAF.110 fan.

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

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.)

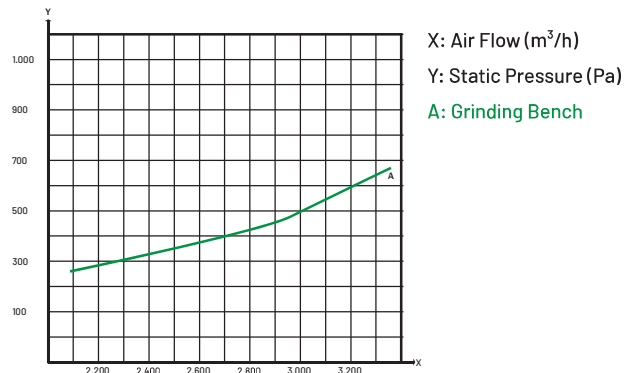
ORDER NO	
Standard Working Zone (80 x 120 cm)	BTM.80.120

*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	200 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.

PRESSURE LOSS





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.)

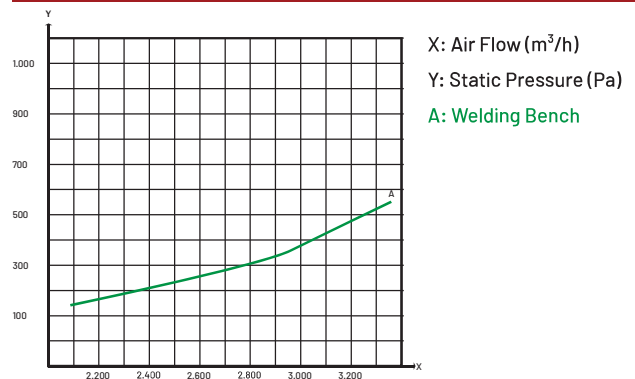
ORDER NO	
Welding Bench for Extraction	BKM.80.120

*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	200 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.

PRESSURE LOSS





INTEGRATED SPARK SHIELD

Integrated spark shield protect filter unit from sparks, spatters and burrs which could be arise during welding or grinding operation

FILTER FULL INDICATOR

Filter Full or Low Vacuum Indicator is integrated with MOBYbench unit.

DISPOSABLE MULTI-STAGE FILTER

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

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)	1.400 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

Bench Type, SFS, 230 V	MOBYbench.0.12.F9.50.230
Bench Type, HEPA, 230 V	MOBYbench.0.12.H13.50.230
Bench Type, SFS, 110 V	MOBYbench.0.12.F9.50.110
Bench Type, HEPA, 110 V	MOBYbench.0.12.H13.50.110

ORDER NO - ACCESSORIES

+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



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

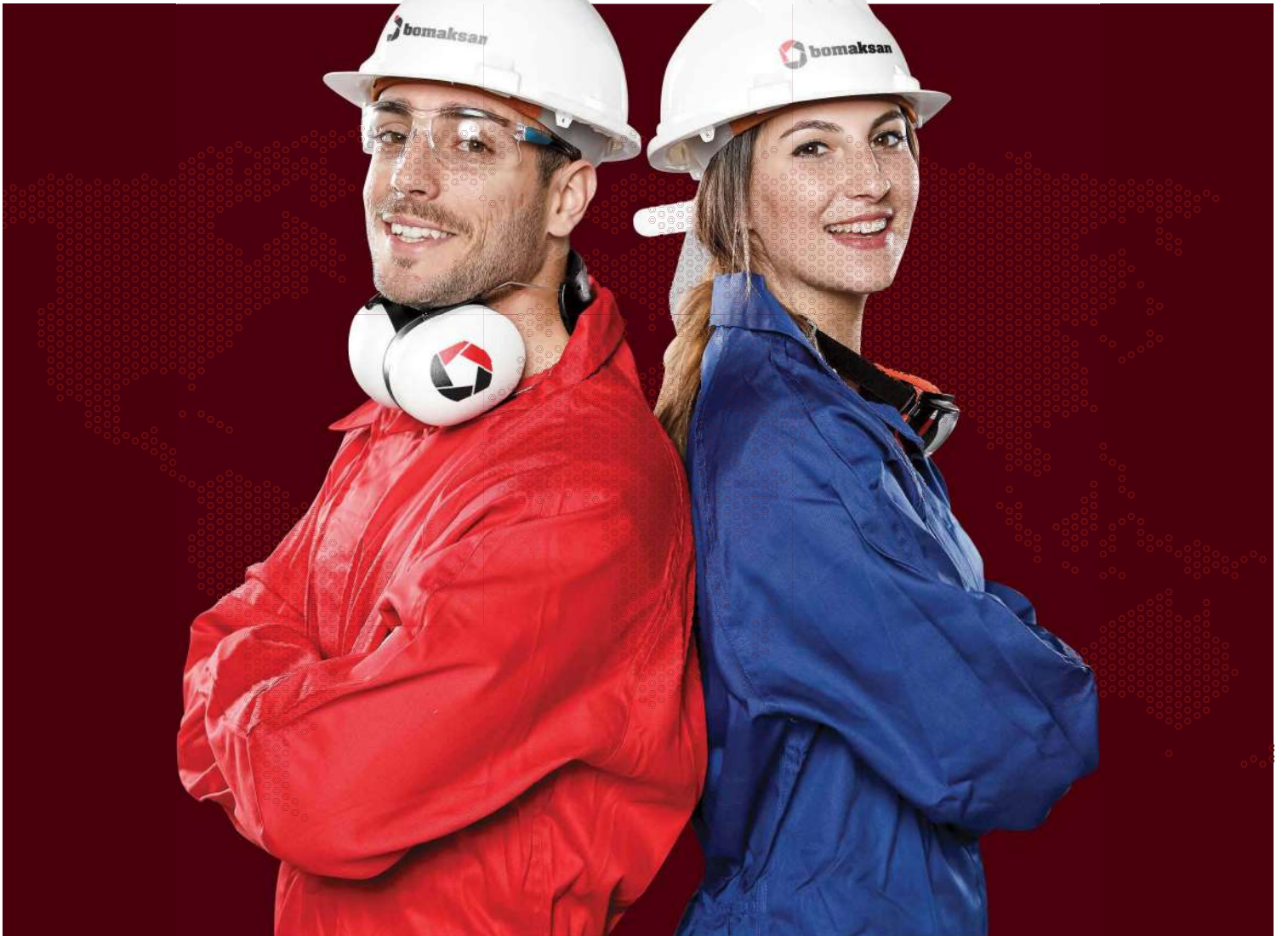
GENERAL INFORMATION	
Filter Type	Cartridge
Filter Media	
Standard	nanoBLEND FR
Optional	polyMIGHT PTFE 65
No of Cartridge Filters	2
Total Filtration Area	
Standard	40 m ²
Optional	20 m ²
Filtration Efficiency	
Standard	F9 Class
Optional	H13/H14 Class

TECHNICAL INFORMATION	
Extraction Capacity	
Standard	2.500 m ³ /h
PRO version	5.500 m ³ /h
Dimensions (W x L x H)	1.300 x 1.100 x 1.450 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

+90 216 541 93 35
sales@bomaksan.com
www.bomaksan.com

