

OIL MIST DUST and FUME FILTRATION SYSTEMS



Bomaksan; has operated in HVAC and Sanitary Engineering areas since 1986 with its young, dynamic , innovative and environmentally conscious structure, successfully completes all the processes from system design to execution and creates long-lasting associates with customers due to its after sales supports

Due to global warming, continuously rising environmental conscious and international agreements, importance of Industrial Conditioning, Gas Treatment and Filtration sectors has increased recently. In line with these progresses Bomaksan started producing Dust Collection, Gas Treatment and filtration devices and succeeded to make an impression in a short time. Came into prominence with its successful solutions to dust, gas and smoke problems of industrial plants. produces Pulse-Jet Filters, Centrifugal Fans, Cyclones and Oil Mist Filter; additionally gives service on Gas Treatment.

Bomaksan completes production and sales operations by regarding ISO 9001:2008 Quality Management. To make its success lasting, places importance on research and development.

REFERENCES

AB SCHOMBURG - ABB ELEKTRİK - **AK ALÜMİNYUM** - AKBOR BORU - **AKDAŞ DÖKÜM** - AKDENİZ CAM - **AKIŞ ASANSÖR** - AKMAN DÖKÜM - **ALARKO CARRIER** - ALKİM ALKALİ KİMYA - **ALP HAVACILIK** - ALP RAF - **ALTUN DÖKÜM** - AMİL DEĞİRMEN - **ANADOLU CAM** - ANKA KALIP - **ARAL KABLO** - ARÇELİK - **ARDEMİR ÇELİK DÖKÜM** - ARYA PONY BOYA KABİNLERİ - **ASA KAYNAK** - ASSAN ALÜMİNYUM - **AYDINSAN FREN** - AZERBAIJAN AKKORD - **BANDO KAYIŞ** - BAŞTAŞ ÇİMENTO - **BEŞAN NİŞASTA** - BRİSA - **SABANCI HOLDİNG** - BURDÖKSAN DÖKÜM MADENCİLİK - **BÜRO TIME OFİS MOBİLYALARI** - **CANBİLENLER DÖKÜM** - CERAN KAUCUK - **CİDDE UN FABRİKASI** - CONTASAN CONTA - **ÇAĞLAYAN KİMYA** - ÇAKIROĞLU AHŞAP VE PLASTİK - **CREAVİT-ÇANAKÇILAR SERAMİK** - ÇEMAŞ DÖKÜM - **ÇUMRA ŞEKER** - DALGAKIRAN KOMPRESÖR - **DEMİSAŞ DÖKÜM** - DEVELİ KAUCUK - **DİLER DEMİR ÇELİK** - DIRİNLER DÖKÜM - **DOĞRULAR MADENİ EŞYA** - DONGHEE OTOMOTİV - **DÖKMAK ÇELİK DÖKÜM** - DSI KONYA - **DT METAL** - DUBAİ IPS ENDÜSTRİ - **DUYAR VANA** - DÜZEL YAPI KİMYASALLARI - **EGEMET DÖVME** - EKERLER KAÇIT - **EKU FREN** - ENDÜSTRİYEL ELEKTRİK - **ENKA** - ENPA KİMYA - **ERKON DÖKÜM** - ERYAP - **ETİ ALÜMİNYUM** - FENİŞ ALÜMİNYUM - **FERRO DÖKÜM** - FIRAT PLASTİK - **FİLKAR OTOMOTİV** - FLORMAR KOSAN KOZMETİK - **GALİPOĞLU HİDROMAS** - GEDİK DÖKÜM - **GENÇ DEĞİRMEN** - GENMOT CRANKSHAFT - **GÖKNUR KABLO** - GÖLCÜK TERSANESİ K.LİĞİ - **GÜLERMAK** - HARS MAKİNA - **HAS ÇELİK** - HEMA ENDÜSTRİ - **HİDROKON** - İÖREK MAKİNA - **İNANLAR MAK.A.Ş.** - İSTANBUL ULAŞIM AŞ - **İSTİKAMET DÖKÜM** - KADIOĞLU MADENCİLİK - **KANCA EL ALETLERİ** - KARDEMİR - **KILSAN TUĞLA** - KİMTAŞ KİREÇ - **KOMBASSAN KAÇIT** - KONEKS PİSTON - **KONTENSAN AMBALAJ** - KONKAP GALVANİZ KAPLAMA - **KONYA ÇİMENTO** - KONYA METALURJİ DÖKÜM - **KONYA ŞEKER** - KÖRFEZ SANT.BORU DÖKÜM - **KULUSAN** - KUMSAN DÖKÜM MALZEMELERİ - **LMA DÖKÜM MALZEMELERİ** - MAKİM HASSAS DÖKÜM - **MAKTEL** - MASİAS RECYCLİNG - HEREKO - **MEKE MARİNE** - MEKSİS MEKANİK SİSTEMLER - **MEPAN METAL PANEL** - METAMER MERMER - **MEVLANA ÜNİVERSİTESİ** - MICROTECH - **MİKROKAL KALSİT** - MİKSPLAST KİMYA - **MİTAŞ GALVANİZ** - MMK METALURJİ - **MOPİSAN-MAHLE** - MUCİT PLASTİK - **MUSTAFA CEYLAN HİDROLİK** - MVD İNAN - **NİDAŞ MADENCİLİK** - NİÇTAŞ MİKRONİZE KALSİT - **NOYA HOLDİNG** - ODÖKSAN DÖKÜM - **ORGACHEM KİMYA** - ORGANİK KİMYA - **ORJİNAL METAL** - ORMETAL - **ÖZGÜLEÇ MAKİNA** - ÖZKA LASTİK - **PAKPEN** - PARŞAN MAKİNA - **PETLAS LASTİK** - PİSTONSAN MOTOR - **PİTSAN** - POSLU MAKİNA - **PRESAN PREFABRİK** - PROPAK AMBALAJ - **PROVİN MERMER** - PULVER KİMYA - **RECKITT BENCKİSER (TURKEY)** - ROKETSAN - **ROTPAR OTOMOTİV** - SAB ELEKTRONİK - **SABAH SOBALARI** - SANEM PLASTİK - **SANKO MAKİNA** - SANMAR DENİZCİLİK - **SARAYLI MADENİ EŞYA** - SEÇKİNSAN DİNGİL SANAYİ - **SEKİZLİ VİNÇ** - SELVA MAKARNA - **SET ÇİMENTO** - SETAŞ KİMYA - **SFS DEKPAKS** - SİKA YAPI KİMYASALLARI - **SİLMERMET** - SİO AUTOMOTİVE - **SİSTEM TEKNİK SANAYİ FIRINLARI** - ŞAKALAK TARIM MAK. - **ŞALT OTOMASYON** - ŞAPÇIOĞLU PLASTİK - **ŞEKEROĞLU KİMYA PLASTİK SAN** - ŞEKERSÜT - **TAFE GIDA** - TAHA BAYRAK MAKİNA - **TASAŞ ALÜMİNYUM** - TAT METAL - **THY TEKNİK** - TOPKAPI SARAYI MÜZESİ - **TRELLEBORG OTOMOTİV** - TUĞÇELİK ALÜMİNYUM - **TUSAŞ** - TÜMOSAN - **UNORMAK DEĞİRMEN** - VOMMAK - **YAPIKREDİ BANKACILIK ÜSSÜ** - YAZKAN DÖKÜM - **YEDİTEPE ÜNİ. MAK.MÜH.LAB.** - YENKAR DÖKÜM - **YENMAK PİSTON SEGMAN** - YERSUSAN SONDAJ - **YILDIZ PUL** - YILKAR DÖKÜM - **YÜKSEL ENDÜSTRİYEL** - ZİRAAT BANKASI

1H

5W

TECHNIQUE IN

OIL MIST FILTRATION SOLUTION

HOW OIL MIST FILTERS WORK?

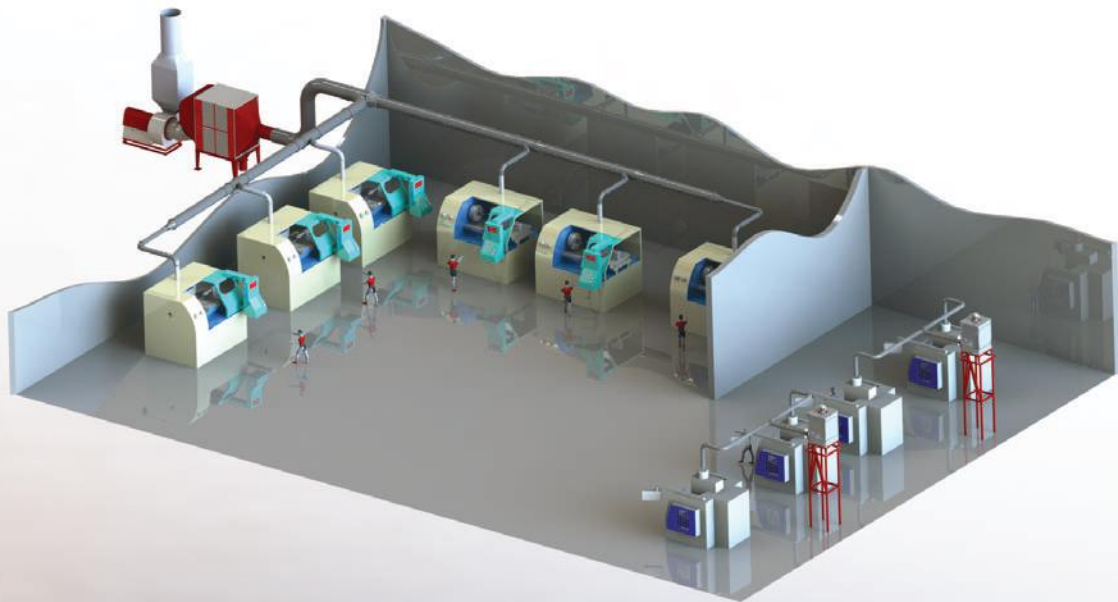
Oil mist generated in machinery will be transferred to the filter unit via pre-installed suction points in the enclosed machinery or via specially designed suction equipments in the open machinery.

There are few steps in Oil Mist Filter Units. Those steps cleans the polluted air comes from the machinery and release to either inside or outside with desired emission levels.

Filtered oil can be collected in a tank which allows you to re-use them. This recovery system let companies save oil consumption.

Oil Mist Filter Units can either be installed a unit per machinery or central system. Both system has advantages and disadvantages, please consult a Bomaksan Sales Rep. when selecting the right system.

HOW?



WHAT IS OIL MIST FILTER?

Oil Mist Filters are used for to clean/filter the fume generated in machining process and metal working applications.

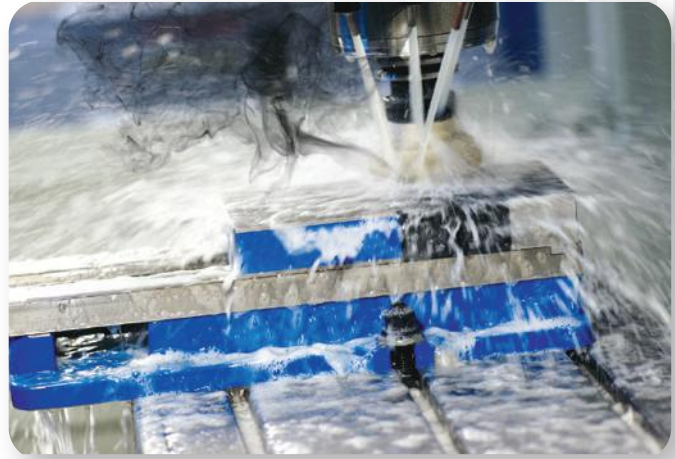
Those fume harms both workers health and machine itself because of acidic structure.

WHAT?



WHEN OIL MIST OCCURS?

During the machining process, oil mist is occurred from the machines. Those oil mist are causing from the evaporation of the liquids which are used for cooling and oiling of machining parts. Most of the systems use liquids contains 5-10% boron oil and 90-95% water. Other cutting/oiling liquids have different boron oil/water ratio.



WHERE OIL MIST FILTERS USED IN?

Oil Mist Filters are generally used in CNC Turning Machines, Vertical/Horizontal Machining Plants, Grinding Machines, Cutting Machines, Punching Machines, Transfer Machines, Honing, Screw and Wire Drawing Machines and Rubbing Tables.



WHY SHOULD YOU USE OIL MIST FILTERS?

Oil Mist is harmful for human health. You can reduce the emission level of the factory and create healthy and efficient working environment.

Reduce the occupational accident risks by decreasing slipperiness of both floor and working tools.

Filtered oil can be re-used in the system. This makes factories to save lots of expensive cutting/oiling liquids. Therefore maintenance cost will be decreased.

Boron Oil is hazardous for mechanical and electrical equipments due to its acidic structure. Exhausting Boron Oil added liquids from the machinery allows less mechanical maintenance and more production.



WHO?

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With more than 30 years of experience in engineering, designing and manufacturing, **Bomaksan Industrial Filtration** will solve your Oil Mist Problem.



PRODUCTS



PKF
MODULAR CARTRIDGE FILTER UNIT



PLTF
PLEATED BAG HOUSE FILTER UNIT



PKFC
COMPACT CARTRIDGE FILTER UNIT



ECO SERIES
COMPACT CARTRIDGE FILTER UNIT



DUFIL & TOFIL
MOBILE FILTER UNITS



YBF
OIL MIST FILTER UNIT



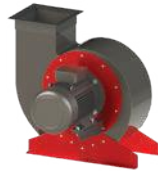
DOWNDRAFT BENCH
DOWNDRAFT BENCHES WITH FILTER



GRINDING TABLE
GRINDING TABLE WITH SUCTION DUCT



WELDING TABLE
WELDING TABLE WITH SUCTION DUCT



RADIAL FAN
RADIAL FAN



CYCLONE
CYCLONE



EXTRACTION ARM
EXTRACTION ARM

APPLICATIONS



Metal Working



Shot Blasting



Ceramic



Food & Beverages



Chemicals



Foundries



Cements



Automotive

Life without DUST and FUME...

- **Oil Mist** Problem in the Machining Process is solved.
- **Cleaner and Healthier** Working Environment is Provided.
- **Maintenance Costs** decreased Production Efficiency increased.
- **Saved Cutting Oil** with oil recovery systems.
- **Abrasion** in the Machinery decrease.



Bomaksan branded solutions collect the the dust, fume and oil mist from the source of contamination. Those pollutant are filtered within Bomaksan Dust Collectors and releasing the environment at the desired and required emission level. Filtration systems are highly demanded due to the protection of workers' health and environment. Besides of environmental and health issues filtration systems also increases product quality and production efficiency

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