

## MANUEL WELDING LEV SOLUTIONS

The fume and particles arises from Welding processes are classified as carcinogenic by IARC in 2019. Welding fume exposure limit is also regulated strictly by local authorities.



### EXTRACTION BENCHES

Bomaksan Welding and Grinding benches offer the perfect answer for manual welding and grinding of small metal components. Welding and Grinding Benches can be connected to a centralised extraction and filtration systems.

If you are looking for stand alone bench with integrated fan and filter, TOFILbench series is the right choice. Powerful extraction performance and high efficient filtration makes TOFILbench units perfect solution.

READY FOR  
EXTRACTION

EXPANDABLE  
WORKING ZONE

DURABLE  
STEEL BODY

PLUG&PLAY  
SYSTEM\*

\*Only TOFILbench units are Plug & Play featured.

### PRODUCT OFFERINGS



BKM



BTM



TOFILbench



### ON TORCH EXTRACTION

Bomaksan branded Mikrofil series high vacuum units are a cutting-edge solution in on-torch welding fume extraction. This series optionally equipped with an automatic Jet-Pulse cleaning feature, high efficient cartridge filters, powerful brushless turbo blower and control panel. Mikrofil series high vacuum units are perfect choice for welding operations. It's brushless motor, high filtration area and optional jet-pulse cleaning system ensures as the lowest maintenance requirement as possible.

AUTO JET-PULSE  
CLEANING

BRUSHLESS  
MOTOR

HIGH EXTRACTION  
PERFORMANCE

HIGH FILTRATION  
AREA

### PRODUCT OFFERINGS



MIKROFIL\_midi



MIKROFIL\_mini



HV.HOSE



EXT.GUN

# WELDING FUME EXTRACTION



## EXT. ARM w/ MOBILE FILTERS

Bomaksan's range of mobile filter units serves as a reliable solution for effective welding fume extraction. Depending on the model, these units are adaptable for both occasional and continuous usage.

Their exceptional mobility, offering a full 360-degree operating radius, coupled with disposable filters or cleanable filters as needed, makes them remarkably versatile. Bomaksan ensures an optimal answer for dynamic work environments.

The right mobile filter unit selection for your specific need might be a little bit complicated. Please advise Bomaksan sales representatives or Bomaksan partners for right mobile filter selection for your challenge. They will decide which unit is the best suit for your application depending on welding consumable consumption, welding frequency, welding type and your workshop constraints.

TRUE JET-PULSE  
CLEANING\*

W3  
COMPLIANT

HIGH EXTRACTION  
PERFORMANCE

HIGH FILTER  
AREA

SUITABLE FOR  
STAINLESS STEEL

EASY TO  
MAINTAIN

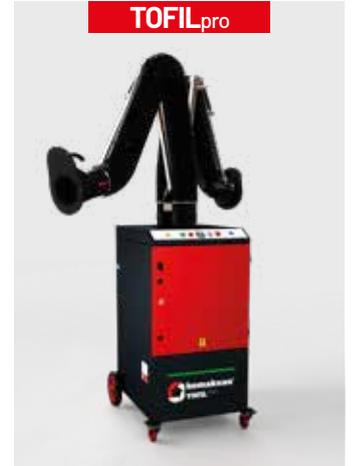
\*Only TOFILpulse units are equipped with TRUE JET-PULSE.

## PRODUCT OFFERINGS

DUFIL<sub>mini</sub>



TOFIL<sub>pro</sub>



TOFIL<sub>mono</sub>



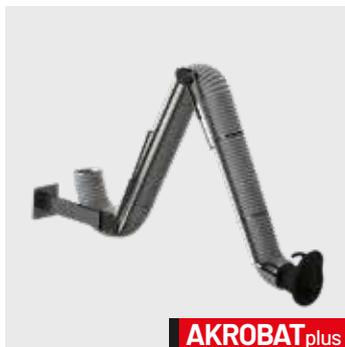
TOFIL<sub>pulse</sub>



## PRODUCT OFFERINGS



AKROBAT<sub>pro</sub>



AKROBAT<sub>plus</sub>

SPECIAL DESIGN  
EXTRACTION HOOD

HIGH QUALITY  
FLEXIBLE HOSE

EASY & SMOOTH  
MOVEMENT



## EXTRACTION ARMS

Bomaksan-branded extraction arms are the perfect solution for extracting fumes, dust, and gases from their source. State-of-the-art extraction hoods, high-quality and durable flexible hoses, and a smooth structure make them the perfect match for welding fume extraction.

Bomaksan's extraction arms offer versatile installation options, including pairing with various brackets, extension arms, exhaust rails, or fixed/portable filter systems. The unit comes with a built-in hood damper as a standard feature. Available in lengths ranging from 2 to 4 meters, the welding fume extraction arm can be effortlessly mounted on ceilings, walls, benches, or extension brackets.

Bomaksan-branded BAK series extension consoles increase the reach length where longer distances from bracket installations are needed. Also, the BAF series radial fans designed for extraction arms can be equipped with Bomaksan Akrobat Series extraction arms.