# Mist separators

## FOR OIL AND EMULSION AEROSOLS

G&G FILTRATION

**Mechanic separators:** up to 3000 m³/h
**Electrostatic separators:** up tp 1400 m³/h
**Power consumption:** 350 W to 3000 W
**Regulation:** two-stage or potentiometer

### Variants of aerosol separators

**Mechanical** for the separation of emulsion aerosols and **electrostatic** for the separation of oil separators.

The separators are supplies in Plug & Go, when the user connects only exhaust pipe and electricity.

The separated aerosol is returned to the machine by a drain hose.

These are compact aerosol separator designed for installation by investor.

The most common use of CNC machine tools and grinders.

MADE IN CZECH AND SLOVAK COMPANY

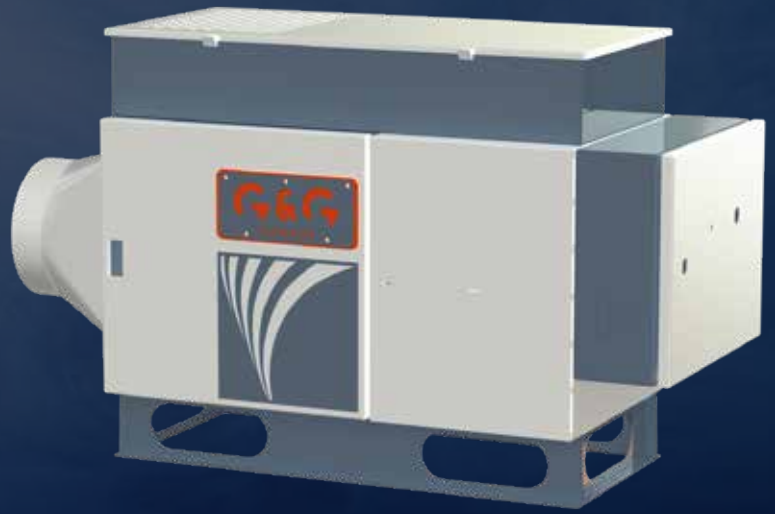
# MECHANICAL

## EMULSION MIST SEPARATORS

These devices are designed for the separation of emulsion mist created during machining. Principle of oil droplet separation from the air is mechanical. Aerosols are separated using a stainless steel cloth and separating lamellae. The device is supplied as a compact unit with fan for immediate connection. We supply filters with and integrated electrical switchboard for possibility of fan speed control. We supply the equipment with suction from the left and from the right. The bottom is constructed as waterproof oil sump with a nozzle for connecting a hose outflow of the separated emulsion. All filter cartridges can by cleaned and it's not necesseary to use any disposable cartridges.

### SUITABLE USE

Can be used for CNC machining centers as local extraction, for emulsion-coold grinders and for multi-machine assemblies as central extraction.



# ELECTROSTATIC

## OIL MIST SEPARATORS

These devices are designed for the separation of oil mist created during machining. Principle of oil droplet separation from the air is mechanical and electrostatic. Aerosols are separated using a stainless steel cloth, separating lamellae and electrostatic filter. The device is supplied as a compact unit with fan for immediate connection. The engine is electronically controlled with stepless speed control for suction power up to 1400 m3/h. We supply filters with and integrated electrical switchboard for possibility of fan speed control. We supply the equipment with suction from the left and from the right. All filters, including the electrostatic block, can be cleaned and it's not necesseary to use any disposable filters.

### SUITABLE USE

Can be used for all machine tools where oil cooling of workpiece is used. For CNC machines centers as local extraction, for grinders with oil cooling, for an assembly of several machine tools as central extraction.

# Catalog of mist separators G&G

## Emulsion separator Beta S 800

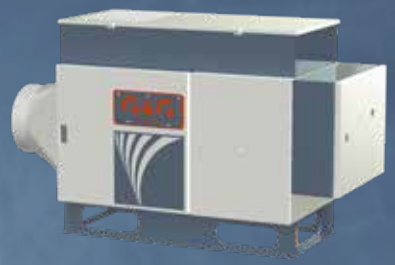
**MECHANICAL SEPARATOR**

**Suction capacity:** 800 m³/h
**Power regulation:** two-stage
**Power consumption:** 270/350W
**Voltage:** 400V/50Hz

## Emulsion separator Beta M 1400

**MECHANICAL SEPARATOR**

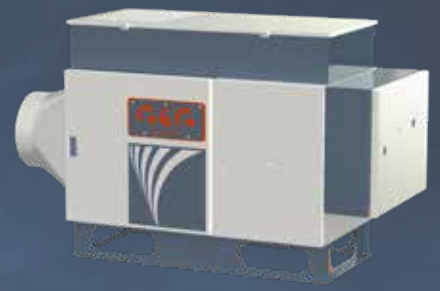
**Suction capacity:** 1 400 m³/h
**Power regulation:** two-stage
**Power consumption:**440/507W
**Voltage:** 400V/50Hz



## Emulsion separator Gama M 1400

**MECHANICAL SEPARATOR**

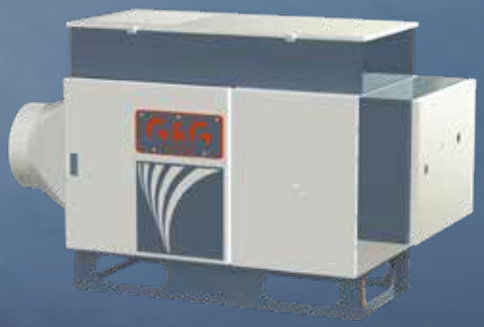
**Suction capacity:** 1 400 m³/h
**Power regulation:** potentiometer
**Power consumption:** 500W
**Voltage:** 230V/50Hz



## Emulsion separator Gama XL 3000

**MECHANICAL SEPARATOR**

**Suction capacity:** 3 000 m³/h
**Power regulation:** potentiometer
**Power consumption:** 2 500W
**Voltage:** 400V/50Hz



## Oil separator Delta MV 1400

**ELEKTROSTATIC SEPARATOR**

**Suction capacity:** 1 400 m³/h
**Power regulation:** potentiometer
**Power consumption:** 500W
**Voltage:** 230V/50Hz

G&G FILTRATION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