

Machining and metal fabrication

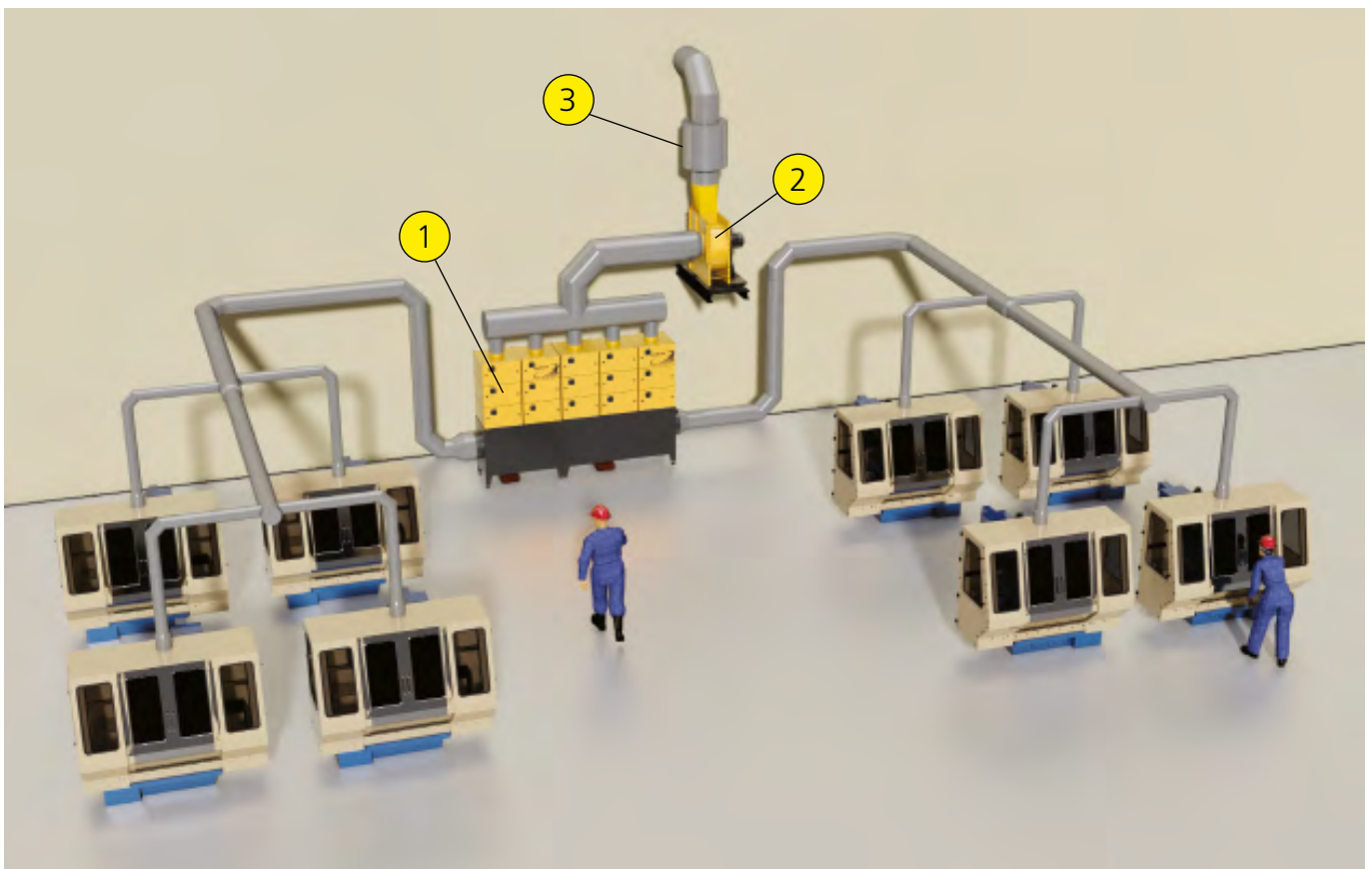
Oilmist filters

MAIN PROBLEM:



Workshop with 8 closed type (working chamber is always closed during the work process) metal processing centers (CNC) with large volume working chamber. Extraction of oil mist needed with filtration via one central filter unit and recirculation of cleaned air.

SOLUTION:

CNC centers are combined into common ventilation system, connected to a central filtration unit, which is a modular mechanical oil mist filter, equipped with fine HEPA module in order to allow recirculation of cleaned air. Extraction is being done directly from the working chamber of CNC centers.



EQUIPMENT USED FOR SOLUTION:

Equipm.	Pos. on pic.	Description	Pcs
	①	Modular oil mist filter MT-42/5 . Equipped with self-drying main cartridges and H13 HEPA module as a final fine filter.	1
	②	Central exhaust fan TEF-11000 with a silencer ③. Productivity: 4000-9000 m ³ /h. Pressure: 2100-4200 Pa.	1