

# Jönköpings Modelltillverkning Jönköping, Sweden



## JMT in Jönköping improves the work environment with a complete solution from Absolent

Jönköpings Maskintillverkning (JMT) is a modern and forward-looking company dating back to 1942. Over the years, they have developed into a leading player in portal milling, where high precision and powerful machining require a top-class work environment. With new owners in the back, but with the same family feeling left in the walls, JMT is now investing aggressively in both expansion and sustainability, in everything from.

# Challenge

## Odor and oil mist from cutting fluids

When JMT upgraded its fleet to modern high-speed (16-18,000 rpm) gantry milling machines, the challenges also changed. While the old open machines had their drawbacks, the new ones generated large amounts of oil mist, invisible but noticeable. The smell of cutting fluid lingered in the air, and the working environment was quickly affected. Operators experienced fatigue, lack of oxygen and a feeling of discomfort in the room.

### **“Now there’s oxygen in the air – you’re more alert all day”**

– Before it just splashed, now the liquid breaks down and becomes smoke. It was not sustainable,” says Peter at JMT. “We noticed a clear difference when we tested Absolent’s solution. One operator said he is no longer tired in the afternoon. That says a lot.

### **Complete solution – from idea to finished installation**

JMT first came into contact with Absolent at Ravema Expo 2023. After comparing other suppliers, the choice finally landed on Absolent – much thanks to the total solution that included both point extraction and general ventilation. It wasn’t a quick deal – it took a few months to decide, and the project grew into a major investment. But it was worth it.

– Only Absolent could offer everything we needed. We also got to visit a reference plant and borrow a filter unit to test in our own environment. That was crucial to our decision,” says Peter.



### **Kontakta oss**

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+46 (0) 510 48 40 00

## Solution

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Today, four A-mist 80C filters are installed, with the option to easily add more units as the fleet grows. It is a turnkey solution, installed without disrupting production.

- Absolent delivered all the way. It worked incredibly well from planning to installation and commissioning,” says Peter.

Installation began in February and the plant was commissioned in March. The solution is also linked to heat recovery, which provides energy savings and better climate control – an added bonus at a time when energy efficiency is a high priority.

## Result

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At JMT, sustainability is not just about emissions and energy consumption, it’s also about taking care of staff. A clean and healthy working environment is an important value in the corporate culture.

- We want to be an attractive employer. It should be good to work here, it’s part of our core values,” concludes Peter



### Contact us

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# A·mist80C

Slut på hala golv och farlig dimma. Endast 5 teskedar återstår. Och ren luft!

A·mist80C är ett byggbart modulsystem utan fläkt, där man kan välja filtrering i ett eller två steg (ett filtersteg per modul), beroende på hur smutsig luften är och vilken renhetsgrad man vill uppnå. Den lämpar sig t ex ypperligt som förfiltrering för ett ventilationsaggregat eller när luften skall släppas ut.



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	Metrisk	Imperial
Höjd	1470 mm	57,9 in
Bredd	1165 mm	45,9 in
Djup	1336 mm	52,9 in
Vikt	250 kg	551 lbs
Max. Luftflöde	8 000 m <sup>3</sup> /h*	4 700 CFM*
Inloppskanal	Ø 400 mm	Ø15,7 in

\*Luftflödet är beroende av vilken typ av partiklar som ska filtreras.