

# High Vacuum systems CASE STORIES

10

*On better economy and working environment  
using high vacuum extraction*

## EGA (Sweden)

### Background and diagnosis:

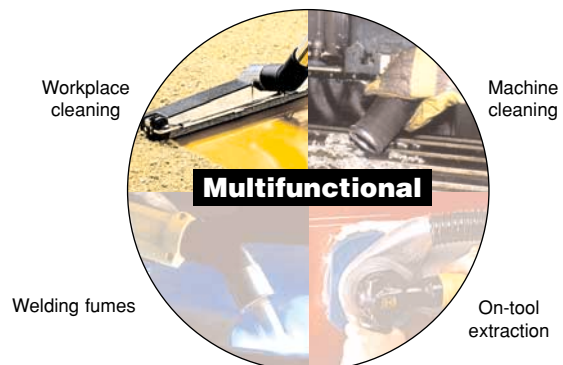
Since EGA is a traditional foundry with handmade dry sand moulds (for very short series, or even single casting models) you can say that it is an old time, traditional, foundry. Because of that, a lot of the dry sand is also spread on the floor to prevent sparks and melted metal, which by accident can be spilled outside the mould, to splash and hurt the workers or set fire to anything. This dry sand will in a short time be spread all over the foundry, and EGA has a need to easily clean the area at least once a week.



**Results and comments:** EGA found that the centralised RBU unit is working more efficient than whatever portable units or brooms that they have used before, and the solution for emptying the dry sand with the "big bag" is far quicker compared to what they have used in the past.

**Would you like to know even more?** Would you like to know about the technical solution in more detail? Please contact us and we'll tell you more!

**Prescription and treatment:** The workshop is equipped with a RBU 1300. There is in total 18 inlets with KV50 valves and 6 pcs of CE450. Why it had to be a rootsblower was due to the amount of heavy dry sand. Since the amount of sand to be extracted each time is very high, the choice was to use a flexfilter on a high stand in combination with automatic emptying and a "big bag" that stands on a loading stool which then easily can be removed with a forklift.



This document is one in a series of case stories about high vacuum extraction. Would you like to read further examples of how we have been able to assist our customers? Please ask for a free subscription by contacting us at:

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