

WE VACUUM EVERYTHING



OWNER-OPERATED AND
INDEPENDENT FOR OVER
45 YEARS

5,500
SQUARE METER PRODUCTION
FACILITY AT THE MELLE SITE

170
EMPLOYEES WITH A
PASSION FOR EXTRACTION

30
SALES CONSULTANTS
WITH BROAD EXPERTISE
ON EXTRACTED
MATERIALS AND SAFETY

20
EXPERT SERVICE-
TECHNICIANS WORKING
CLOSELY WITH CUSTOMERS

REPRESENTED **20**
IN MORE THAN
COUNTRIES IN EUROPE,
AMERICA AND ASIA

**WE
VACUUM
EVERYTHING**



METAL FOUNDRY
Soot with many annealing
particles

TASK

In metal foundries, approx. 10 litres of very fine soot are distributed into the mould by shovel so that the extremely preheated mould does not cool down too quickly. The liquid metal is then poured in and the soot floats to the surface. In the past, the soot, which has to be removed before filling into the final mould, was blown into a very large into a very large suction unit.

The soot has a lot of annealing particles and is directly above the liquid metal. The surface has about 800 degrees. This old large extraction has burnt out and the customer is looking for a manual solution.



SPECIAL FEATURE

To prevent the vacuum cleaner from burning out, we did the following:

- | Suction cleaner DA 5152 and NA 250 type III S with two dishwasher tabs.
(as the soot does not bind with water or get wetted)
- | HGZ 400 on 200 litre drum with approx. 50 litres of water.
- | Pipe DN 70/6, directly flanged to the HGZ,
DN 70/1m suction hose.

ADVANTAGE

- | Less DL consumption
- | Much cleaner and healthier as the dust is not „blown“.
- | Less energy, as there is no need for the large extraction unit



OUR SOLUTION

DA 5152 + NA 250 + HGZ with 200 l carrel

- | KW: 15 KW
- | Air: 800 m³/h on the suction hose
- | Pressure: -400 mbar

WE VACUUM EVERYTHING

1

HANDMADE IN RIEMSLOH

If it says Ruwac,
then there's Ruwac inside.
All of our products for the
European market are produced
in Germany at our Riemsloh site.

2

INDIVIDUAL SOLUTION

We provide demonstrations
and advising on site!
For more than just vacuums.

3

HIGH QUALITY MATERIALS

A Ruwac vacuum delivers
outstanding, long-term extraction.
To make sure this is the case,
we use high-quality components
like GRP housing parts.

4

RESEARCH AND DEVELOPMENT

We are always conducting
research and development
so we can meet any requirement
with the best solutions

5

COMPREHENSIVE SERVICE-CONCEPT

Over 20 qualified service
technicians are available
throughout Germany to
ensure safety and maintenance
for your industrial vacuum.

6

INTEGRATED CONSULTANT

From conception to
commissioning in
compliance with
all standards and regulations.