

High Vacuum systems CASE STORIES

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

2001-10-23

StoraEnso Kaukopää (Finland)

Background and diagnosis:

StoraEnso is one of the biggest paper and pulp manufacturer in the world. They have very big mills in Kaukopää, located in eastern Finland. The latest investment built by Metso Corporation (former Valmet) is a new pulpmill which has a dryer-unit in the size of 36 x 12 x 12 m. The unit has 54 coolingradiators (1 x 4 m) which must be cleaned once a day because of the big amount of dust. Circumstances are not very nice; the temperature in a "radiatorbox" is 120° C. Its really hot when a door is opened.

That's why they need to have good vacuum and also a unit which can stand the heat. Even though the dust air is cooling down while transported in the pipe system it is still ~80° C when reaching the container, filter and vacuum unit. Also vacuuming accessories and hoses are specially chosen for hightemperature use.

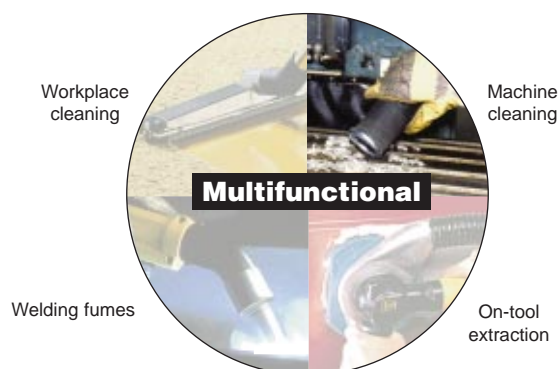
Prescription and treatment: Nederman High Vacuum Station consisting of the following equipment:

- 1 VAC 20-1500
- 1 FlexFilter Standard
- 1 Forklift Container with cyclon inlet 1 400 l (Made in Finland)
- 1 Starter S 22 YD-400
- 1 AFC-B Filter Control
- 23 Aluminium Flap Valve
- 6 Series of special accessories and hoses
- 216 63 mm pipeline + parts
- 108 100 mm pipeline + parts



Results and comments: Users are very satisfied (even under these circumstances) with good vacuum and easyness of the work. They are also very greatful for the volume and easy emptying system of the forklift container.

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!



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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