



**MP-HT**  
METAL FRAME SWEEPERS

## THE NORDIC METHOD OF CLEANING INDUSTRIAL ENVIRONMENTS THAT MINIMIZES MAINTENANCE COSTS

Cleaning, rather than being simply an inconvenience involving costs and loss of time, can become a decisive element in optimizing production activities, helping you save both time and money.

---

### CLEANING IS A FACTOR THAT IMPROVES QUALITY OF LIFE & WORK EFFICIENCY

**How to keep environments clean:** Usually, especially at work, we are overrun with things to do, and keeping the work environment clean is not always among our top priorities. We often don't want to waste time on something that can put off until later. We finally get down to some cleaning when we reach a certain limit, or for an important occasion, in order to not make a bad impression with visitors. But keeping a clean environment is not just about saving face, **it has far more tangible effects on quality of life and of work.**

Do you happen to know the story of Dr. Ignaz Semmelweis, one of the most revolutionary doctors in history? In the early 1800s, this great obstetrician and doctor understood, for the first time, that the high mortality rate of women giving birth, due in those years to an infectious fever, could be curbed simply by doctors and nurses **washing their hands before any contact** with the patients. It seems incredible today that no-one had thought of it before.

And this is not only **an example of how cleanliness is fundamental to people's health**, but also how it is often an **underestimated factor in achieving one's goals**. The medical colleagues of the great obstetrician were racking their brains about what could be the cause of such a high mortality. They tried to study the virus and how to cure it ... But Semmelweis' answer was simple and revolutionary: just wash your hands.

Let's consider another non-medical example, where, today, it seems obvious to us to think about clean (or rather sterile) environments and sterile tools. Think about all the great professional chefs. Where do they work? In dirty and messy kitchens? No, the first rule of every chef should be to keep all work surfaces clean and tidy, so that they can work at their best.

At work, today, we aim for increasingly precise results in step with technical and technological progress requiring ever smaller margins of error. And these results need ever more care and attention to achieve.

#### MP-HT S.r.l.

Via Tamburin 19 - Limena

35010 (PD) Italy

P.IVA [VAT]

IT04694290281

Tel: +39 049 796 8360

Fax : +39 049 796 4818

E-mail: info@mp-ht.it

## HEALTH RISKS

**Dirt and dust, first of all, put our health and those of those working with us at risk.** And it matters not what type of material we are working with. Though wood, as a material in itself, is not carcinogenic, it is good to remember that sawdust is. As written on the authoritative occupational safety website Punto Sicuro: “For processes involving exposure to such powders, the risk of potential tumours must be carefully considered and assessed”.

A recent publication by INAIL, the Italian national insurance agency, underlines this risk in research carried out by the Department of Occupational Hygiene Research Division entitled “Work exposure to wood powders”. Reading these documents is enough to realize the severity of such risks concerning wood dust, not to mention plastic and metal powders, for which the risks are far greater.

---

## DAMAGE TO THE PRODUCTION LINE

Dust is tiny, microscopic and difficult to see. **Yet it is able to damage even the biggest and most expensive machinery on industrial production lines.** It is there even when you cannot actually see it, and it infiltrates into the smallest of cracks of machines worth perhaps millions, settling between gears and causing tremendous damage. Machinery that cost you a fortune, a thousand sacrifices, or maybe hasn't even been completely paid for yet.

If you think there is no need to remove dust from your environment, you're wrong. Dust is everywhere, even though it can be hard to see. **We pay attention only when a certain amount has accumulated.** But that is already too late, it means that a large amount of dust is already in circulation and is damaging your machinery and putting the health of your employees at risk.

### MP-HT S.r.l.

Via Tamburin 19 - Limena  
35010 (PD) Italy

P.IVA [VAT] IT04694290281

Tel: +39 049 796 8360

Fax: +39 049 796 4818

E-mail: [info@mp-ht.it](mailto:info@mp-ht.it)

[www.mp-ht.it](http://www.mp-ht.it)

## EXTRAORDINARY WORK REQUIRES EXTRAORDINARY MEASURES



The only way to keep an environment clean is to **clean often**. If you think this can be too costly in terms of money and time, you are wrong again. **Cleaning often, contrary to how it may seem, actually saves you time.** And allowing dirt and dust to accumulate will eventually lead to you having to undertake extensive and costly interventions requiring much more in terms of time and money.

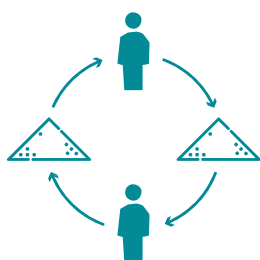
If cleaning seems a particularly tiresome job, it is probably because you only clean when the situation has already become unsustainable; perhaps you are already surrounded by scraps of material making it difficult to continue working, and layers of dust clearly visible on shelves.

In such case, you often have to suspend all other activities to work hard on restore the situation to acceptable levels. But this way of dealing with the question of cleanliness clearly goes against your own interests. **Such extraordinary maintenance operations are much more expensive.** Stopping normal activities for the extraordinary cleaning of work spaces will slow down productivity and require more personnel.

In such cases, it becomes necessary to use larger sweepers that can collect more waste. Sweepers of this type can only move slowly and are difficult to manoeuvre around production lines or warehouse shelves, consuming your time as well as costing you more in terms of money and maintenance.

---

## CLEANING MUST BE AN ORDINARY, SIMPLE & QUICK OPERATION



**To save time and money, cleaning has to stop being an extraordinary operation and become an ordinary one** - a quick and easy job. Cleaning often is really the only way to keep a clean and dust-free environment.

**Indeed, it is impossible to collect all the dust in a single pass**, which can be thrown into the air when the machine passes, and settle again nearby. This is why it is really important to **clean consistently, several times a week**. That way you will never have large amounts of dirt to sweep up, and you can take advantage of a smaller and more agile sweeper that allows you to carry out the ordinary cleaning in no time at all.

**Small sweepers are simple to use and manage, even by unskilled personnel, and do not require a particular licence or qualification.** Anyone can use them to help keep the environment clean. They can be operated faster than large sweepers and require very little maintenance.

### MP-HT S.r.l.

Via Tamburin 19 - Limena  
35010 (PD) Italy

P.IVA [VAT] IT04694290281

Tel: +39 049 796 8360

Fax: +39 049 796 4818

E-mail: [info@mp-ht.it](mailto:info@mp-ht.it)

[www.mp-ht.it](http://www.mp-ht.it)

**THIS IS THE NORDIC  
CLEANING METHOD  
THAT LOWERS COSTS  
& IMPROVES THE  
WORK ENVIRONMENT.  
IT'S SO SIMPLE, LIKE  
EVERYTHING THAT  
WORKS WELL:**

- **Get hold of a compact and agile sweeper**, with which you can clean quickly and efficiently, even in all the nooks and crannies.
- Instead of doing a massive extraordinary clean every once in a while, **organize yourself so that cleaning becomes almost a daily action.**
- If your workspace is very large, **divide it up into different areas that you can clean one at a time.**
- **The important thing is that it becomes a regular job:** this allows you to use fast, agile sweepers, made to reduce purchase and maintenance costs.
- **Aim to have an orderly and clean work space**, without any residues that might hamper ordinary work activities.
- **You will thus be free of the problem of dust, safeguarding the health of employees and visitors, protecting expensive industrial machinery,** and enjoying a dignified environment that makes you look great.

This is the best practice cleaning method used in many northern European cities recognized for their organization and efficiency. In these cities, cleaning is not only a way of communicating care for the environment, but it is an essential factor in achieving efficiency.

It is a point of fundamental importance: cleaning is not something we are forced to do at the expense of what we want and need to do (i.e. work). It is a decisive step that helps you to achieve your goals, which brings benefits to your entire business, safeguarding the health of people and preventing damage to your production lines. And doing it better does not increase costs, it reduces them.

**MP-HT S.r.l.**

Via Tamburin 19 - Limena  
35010 (PD) Italy

P.IVA [VAT] IT04694290281

Tel: +39 049 796 8360

Fax: +39 049 796 4818

E-mail: [info@mp-ht.it](mailto:info@mp-ht.it)

[www.mp-ht.it](http://www.mp-ht.it)

## CLEANING IS A FACTOR THAT IMPROVES QUALITY OF LIFE & WORK EFFICIENCY

**We have been manufacturing industrial sweepers for over thirty years now**, and, in our experience, **we have understood the importance of the right cleaning method for the right results** in terms of saving resources and making production lines more efficient.

In this context of the right method, our sweepers become tools capable of transforming cleaning, as a hindrance to work, into a practice that can add workplace value, and **save time and money**.

**In understanding the right method, we have been inspired by the Nordic method of cleaning**, designing our sweepers to focus on **features that make the job quick and easy**:



### **AGILITY & EFFICIENCY:**

energetic suction system on agile, fast and powerful machines (capable of working even on steep inclines).



### **ROBUSTNESS & RELIABILITY:**

robust machines that do not require special care, made to last in time.



### **EASE OF USE & ERGONOMICS:**

intuitive controls that facilitate work, do not require any licence or qualification, and are easy to use even for non-specialized operators. Revolutionary machine emptying system, easier to perform while safeguarding the health of operators (discover the 'dirt-in-bag' collection system > [link 'dirt-in-bag'](#)).



### **FAST, PRACTICALLY ZERO MAINTENANCE:**

easy to perform on site, without the need to take the sweeper to a service centre.

**Our major exports are to northern Europe.** Indeed, we have supplied customers in the Netherlands and Germany for over twenty years, and many request the same sweepers that we have always built because they have always been impressed by their **reliability**.

We build them in the same quality way, **perfecting them with smart devices to improve their features**, but never changing their fundamental DNA.

**Discover all the advantages of MP-HT sweepers**, and how they can help you transform cleaning from an onerous and expensive task to an added value for your company. > [link to request a free trial or contact from our team](#).

### **MP-HT S.r.l.**

Via Iamburin 19 - Limena  
35010 (PD) Italy  
P.IVA [VAT] IT04694290281

Tel: +39 049 796 8360

Fax: +39 049 796 4818

E-mail: [info@mp-ht.it](mailto:info@mp-ht.it)

[www.mp-ht.it](http://www.mp-ht.it)