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Speedheater
- the original.

Speedheater products gently remove paint with heat.

The products are based on consideration to people, underlying surfaces and nature - in combination with joy of working and high efficiency. For professionals and ambitious amateurs.

Choose the right product and right accessories, and scraping surfaces clean will be pure pleasure.



SH 1100 RS

SH 1100 S

SH TWIN



Approved by



Speedheater® System

Removes paint - with warmth

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Speedheater® System



Removes paint - with warmth ● ● ●





One of Sweden's most beautiful wooden structures from the 1700s - Gunnebo slott outside of Gothenburg. Speedheater alone was use in the restoration.



The pavilion in Gävle, returned to like-new condition with the help of Speedheater.



"Nothing could measure up to Speedheater when Pater Noster, furthest out to the west, was to be refurbished," says Pelle Stravfeldt, Peter Nosters Vänner.



Denmark's national treasure of figureheads was restored at Sweden's Naval Museum in Karlskrona using Speedheater.



● ● ● Easily remove paint from buildings, boats and even furniture - from dream to reality. We think you have a pretty good idea of how tough it is to scrape paint. But it doesn't have to be this way at all. It can even be fun!

With Speedheater, Swedish patents and technical innovation are combined with wholehearted concern for people, building preservation and the environment.

No other method is as gentle. And when surfaces are repainted the results are perfect, like new again.



Holmenkollen Park Hotell was carefully renovated with Speedheater. No technique other than Speedheater was used here either.



A house in Finland received warm and loving care with Speedheater.



● ● ● **When windows, decorative woodwork & interiors are cherished.**

If you appreciate the details, Speedheater 1100 RS is the machine for you. It will become your best friend in work with removing paint from smaller surfaces, such as windows, decorative woodwork and interiors, as well as furniture, boats or in various types of building preservation contexts.

Compared to Speedheater 1100 S, it's half as wide – and twice as fast. So effective for paint removal on smaller surfaces that it will change the way you work. You can reduce working time by up to half (compared to Speedheater 1100 S, which is designed for facades and other large surfaces).

Speedheater 1100 RS is extremely effective, while at the same time, just as gentle to underlying surfaces, people and the environment as the rest of the product family. If you want to work hands-free, use Speedheater System Arm Classic.

The paint will begin lifting after just fifteen seconds... and so will your spirits.

Favourite of the pros.

Favourite of the pros for removing putty and paint, can replace both putty scrapers and hackout tools. Heat is recommended.

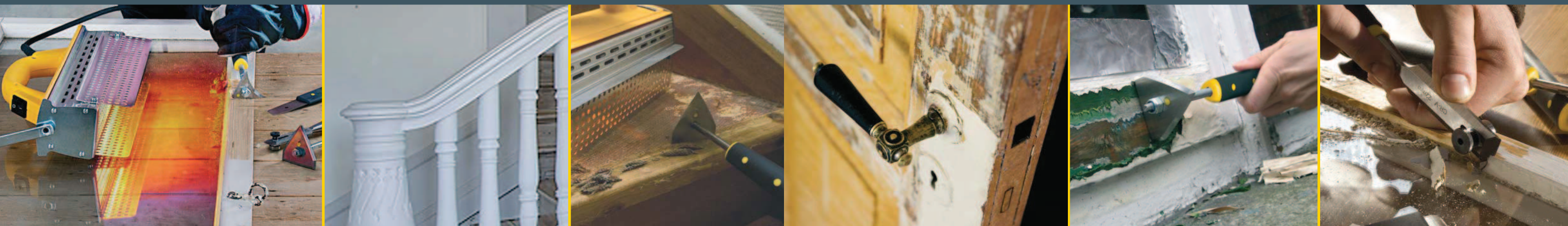


Output: 1100 W - Voltage: 220-240 V - Connection: Single-phase with safety earth - Total length: 355 mm - Width: 90 mm - Height: 200 mm - Weight, approx.: 1400 g

Windows, interiors, stairs, doors, putty... This is the pros' favourite for efficiency and quality.



The only tool I need is Speedheater 1100 RS.



● ● ● **When you want to remove paint from a facade without letting it get you down.**

Speedheater 1100 S (Standard) is our popular multi-purpose machine. It's perfect for removing paint down to the wood on facades as well as other larger surfaces, and it can be used outdoors or indoors. So easy - heat, move, scrape!

Many people are whistling as they work because of this machine. If you'll be using it for facade renovation, we recommend Speedheater System Arm Classic for working hands-free - at the same time as the machine is a step ahead and simplifying your work. You place it on the next surface, where it heats and softens the paint, while you scrape the surface that has already been heated.

An effective paint removal method is about quality requirements, health and joy of working, and sometimes even safety. As soon as you begin working at heights, think about safety. If you're working from a ladder, keep in mind that work goes much easier the fewer things you have to keep in your hands, and your working environment will be safer too.

Speedheater 1100 S is a multi-purpose machine for those of you who will be removing paint from a facade or other larger surfaces that are easily accessible. Also see Speedheater 1100 RS for windows and details, and Speedheater 1100 TWIN for professional and larger projects that require scaffolding.

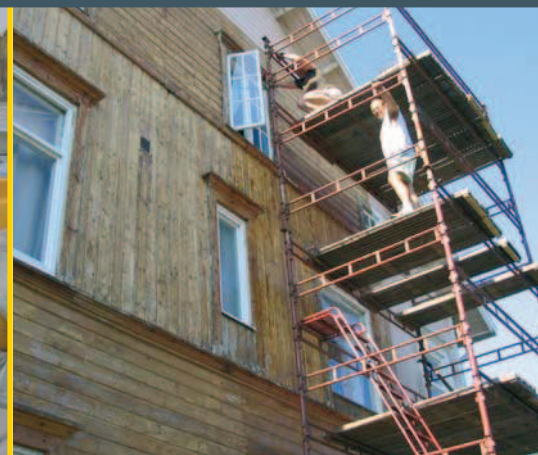


Output: 1100 W - Voltage: 220-240 V - Connection: Single-phase with safety earth - Total length: 370 mm - Width: 140 mm - Height: 205 mm - Weight, approx.: 1900 g



Fast, ingenious, good value for money, fun – and also considerate to people, nature and the surroundings.

It's like new again. Fantastic results when the surface is clean for real. Enjoy your work – and perfect end-results.



● ● ● **When facades are being professionally restored and you need the absolute best tool.**

Speedheater 1100 TWIN is the professional machine for work on facades and other larger surfaces. More than twice as wide as Speedheater 1100 S, it mainly attracts tradespeople, who are accustomed to working on scaffolding (recommended for 1100 TWIN).

The name TWIN has its origins in the product's "two-in-one" configuration, for twice the effect with the same working time. The product package includes Speedheater Arm Professional, which is more powerful than Arm Classic, and with an extra joint for increased movement, as well as frame attachments and vertical tubes for suspension.

For maximum efficiency, we recommend that you work with the machine angled, with one side braced against the surface and the other 10-15 cm out from the facade, so that you also heat the underlying surface where you're scraping.

The effect is stunning; from one and a half to all of three square metres per hour. If you work professionally with removing paint from facades and other large surfaces, you know what the right tool means for both quality and profitability. Specialists can never be better than their tools. This bundle of power has been designed just for you.



Output: 2200 W - Voltage: 220-240 V - Connection: Single-phase with safety earth - Total length: 365 mm - Width: 320 mm - Height: 220 mm - Weight, approx.: 4500 g



For best results, the 1100 TWIN is the way to go.

A fantastically sensitive and attractive restoration, in the opinion of the parish in Järbo. The church is like new again.



The accessories are what make work efficient and easy ●●●



Sometimes it's the details that make the whole. The difference between having the right or wrong accessory can be decisive. Find out about the accessories we've developed for the best possible total experience, and see what makes work easiest for you.

Speedheater Accelerator oil

Accelerator oil can halve paint removal time under the right conditions. This is an unusually highly refined biological linseed oil; so pure that its penetrating capabilities exceed everything else we've previously seen on the market. By brushing or spraying Accelerator oil on a painted surface at least 24 hours in advance (in some cases even earlier for best effect), the paint is re-moistened prior to heating and scraping. Biological and gentle both to the underlying surface and people and nature. Naturally, it doesn't include any solvents.

Five fantastic tools

Speedheater's scrapers, made of special steel of the highest quality, have been developed to scrape heated paint with the Speedheater method, and to be long-lasting. They can be sharpened with common emery cloth and the handle is ergonomically designed so that the scraper rests securely and comfortably in your hand when you work. The blades are slightly convex, which means that they're gentle on the underlying surface since they glide along the wood. For those who do the work, physical effort will be as low as possible.

The main scrapers are the clapboard scraper, the profile scraper and the boomerang scraper.

- The clapboard scraper is designed for scraping flat surfaces, such as facade. Durable, comfortable and safe with many advantages.

- The profile scraper is for scraping shaped facades and heavier carpentry. It has many finesses, such as being able to scrape the backs of cut-outs to preserve unique profiles.

- The boomerang scraper is designed for fine woodwork, such as window frames, panelled doors, mouldings and furniture. Here as well, you can scrape the backs of cut-outs for optimal results.

Among Speedheater's original accessories, you'll also find putty chisels and putty scrapers in the same high quality steel.

- The putty chisel facilitates work with removal of putty.

- The putty scraper is for final scraping of putty against glass and window rabbets. The angle at the front contributes to a gentle motion for final scraping of putty against glass, for example.



Speedheater Arm Classic

Achieve increased efficiency by working hands-free using an Arm Classic. While the machine is heating a new surface on a facade (or wherever work is underway), you can scrape clean the surface you've already heated. It is this interaction, when the machine is a step ahead of you, blistering the paint and loosening it - without you even having to hold the equipment - that can more than halve your working time. What does this mean for you or the person doing the work?



Speedheater Arm Professional

If you work professionally with facades and other large surfaces, you'll probably like our power machine, Speedheater TWIN. The product package includes Speedheater Arm Professional, which is more powerful than Arm Classic, and with an extra joint for increased movement, as well as frame attachments and vertical tubes for suspension.

Speedheater Professional carriage

A functional carriage developed for Speedheater Arm Professional for making your work easier.

With us, the right accessories are what make the difference, that make everything go as efficiently, safely and gently as possible.

Accelerator Oil

Profile Scraper

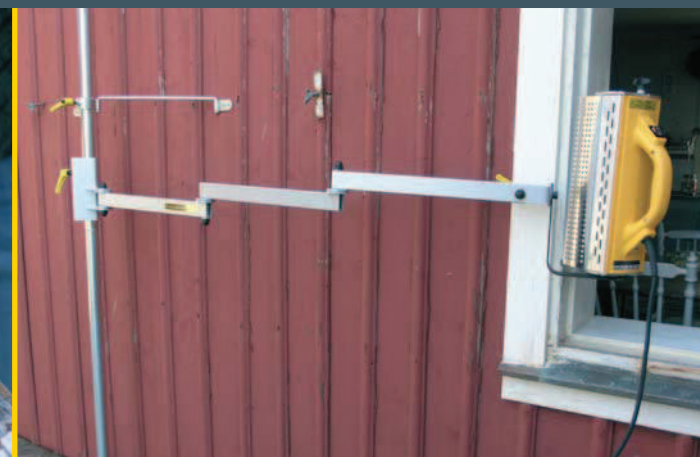
Boomerang Scraper

Putty Chisel

Putty Scraper

Arm Classic

Arm Professional



Questions and answers about Speedheater ● ● ●

1. When does paint need to be removed?

All paint ages and loses its elasticity, and consequently it's natural that the paint will someday need to be removed. When different types of paint are not compatible with one another, blistering and cracking can occur. Improper preparations when previous coats were applied can also contribute to the paint cracking and flaking. And many layers of paint one upon the other degrade elasticity, besides obscuring details and profiles. When the paint cracks, flakes or blisters, it's saying that it's time to remove it, all the way down to bare wood. With Speedheater, removal will be gentle to the underlying surface, people and the environment – and the work so much more effective and pleasant.

2. Is it easy to remove paint?

How easy (or hard) it is to remove paint depends to a certain extent on the object and the conditions – but it mainly depends on which method you use.

With Speedheater, it doesn't matter if there are 5 coats of paint or 40, you just heat once – and all coats react simultaneously.

For very dry oil-based or latex paints, we recommend that you prepare the surface at least 24 hours in advance by brushing or spraying on Accelerator oil (environmentally friendly, raw linseed oil). Once this is done, removal begins, gently and effectively.

3. How fast does it go?

Assuming that you work with Speedheater, working a surface goes relatively fast. Depending on the machine and underlying surface, it takes from 15 to 90 seconds, and this refers to the time you need to scrape the surface completely clean. By effectively setting up the machine, it heats the next surface at the same time as you are scraping the surface it just heated, which means that you double the rate of work without additional effort.

For increased flexibility, we recommend our suspension accessory, Speedheater Classic Arm. Read more under Accessories to see if you need one.

4. How does the Speedheater technique work?

The heart of a Speedheater is constituted by the IR tubes, the tubes with infrared light. For paint, oil and water, IR is about like a microwave oven for food; the infrared light sets the molecules in motion. This radiates heat. What is unique with Speedheater's technique is the precisely adapted wavelength of the infrared light. Substantial research and extended testing of all interacting components in the machine have produced a safe and effective product that in an environmentally friendly manner, heats away paint, lacquer and putty.

5. What kinds of paints does Speedheater work on?

Speedheater works on all kinds of paint. When it comes to dried-out paints and latex paints however, we recommend making it as easy as possible for yourself by re-moistening the paint with Accelerator oil to achieve the desired heating effect.

Apply at least 24 hours in advance, to get a head start on work.

6. Can Speedheater remove the glue used for wall-to-wall carpeting?

If there is paint or lacquer under the glue, the glue is easily removed as the paint releases. For a different substrate, it's usually best to apply Applicator oil to the glue a few days before removal.

7. Can Speedheater be used to restore windows?

You can restore all wooden windows. If you have windows with severe rot or similar damage however, you should always consult a restoration specialist.

In most cases, you don't need to replace your windows. Restoration – sealing the frames and replacing the moulding – is at least as energy efficient and much cheaper. Keep your beautiful windows, facades and decorative woodwork when you can, instead of replacing them with new (which besides the lost charm, in certain cases can even affect the market value of the building).

8. How do I know that the glass won't crack during window restoration?

We know from experience that if you do things right according to the instructions, not a single pane of glass will crack because of Speedheater in conjunction with window restoration. When using the risk is actually non-existent.

There are two reasons for glass cracking; that a previous point of cracking was affected by the temperature change, or due to careless use of hand tools.

Our advice is to work carefully, especially when removing putty from around the pins that hold the glass in place. Keep in mind that even light stress on the glass can cause cracking.

9. Why does Accelerator oil work better than standard linseed oil?

Accelerator oil is a refined accessory that re-moistens paint, and should (often) be applied at least 24 hours prior to heating and paint removal. The refinement process that Accelerator oil undergoes transforms it into a pure, natural linseed oil with faster and deeper penetration capabilities than other oils.

10. How long do the IR tubes last?

The IR tubes produce about 5,000 burn-hours with normal use.

11. Do both IR tubes have to be changed at the same time?

We recommend changing both tubes at the same time to attain an evenly warmed surface. This avoids tubes with different burn-times producing an uneven effect on the surface to be worked.

12. Can the IR tubes lose their effectiveness?

If the glass is dirty you can easily clean it with Autosol rubbing compound or denatured alcohol.

If the apparatus has been used in a single-sided position for a longer time, the filament will sag. This is why it is important to turn it at regular intervals until you see that the filament has evened out.

13. How hot does it get?

It doesn't get as hot as you may think. The temperature on the painted surface during normal use is "only" 110 to 160 degrees (with smoking and blistering), which can be compared to a normal hot-air gun needing about 400 degrees to achieve the same results. Speedheater's IR radiation reacts on paint, oil and water, which means that it is the surface and nothing else that is activated. In contrast with older techniques that require considerably higher heat, Speedheater's heat does not risk forcing it's way in behind surfaces (panels, etc.).

The technique is just as dependable and safe as it is gentle to underlying surfaces, people and the environment. With all types of work with tools that produce heat however, a reasonable amount of watchfulness is necessary. Even when working with Speedheater, you naturally have to read and follow the instructions for use.

14. How do underlying surfaces react to Speedheater?

Underlying surfaces, which are most often wood, are benefited by the heat from Speedheater. Moisture is driven out, mould and fungus are killed. Pitch and resin are drawn towards the surface wood, which produces increased resistance to moisture and increases the new paint's useful life. So the choice always goes to Speedheater, even when the wood has a voice in the decision. Speedheater also works on sheet metal and plastic, but consult a specialist beforehand.

15. What is in the smoke?

The relatively low working temperature means that no hazardous amounts of hot gases are released. The exception is with epoxy paints, and we then recommend that you always use a fresh-air mask.

16. What should I keep in mind when I put up scaffolding?

The distance between the scaffolding and the facade should be at least 25 cm, but never more than what the safety regulations prescribe. The distance must be adapted so that work with Speedheater Arm Classic/SH Professional T can be optimally carried out.

Good luck! If you have any questions, you can find more information at our website www.speedheater.se

● ● ● **“He wanted to make the world a little better”**

Birger Ericson is the entrepreneur who single-handedly created the largest facade restoration company in his region. The company bloomed and the only cloud on the horizon concerned the available methods – solvents and sand-blasting. Birger – who wanted to do things right, with quality in all aspects of his work – could not come to terms with methods that damaged both the underlying surfaces as well as the woodwork and environment. That which doesn't work must be improved, he decided. The fact that there were no alternatives on the market didn't stop him.

Birger decided to develop new work methods. The basic requirement, which became the departure point in his innovative work, was that his method would not damage the underlying surface, people or the environment. It would make things better for those who work professionally with removing paint. Moreover, it would be so simple and safe that anyone could use it.

Infrared light turned out to be the solution, with an IR technique that softens the layers all the way down to clean wood. In the same way that a microwave oven sets the molecules in motion, Speedheater products make paint, putty and lacquer blister and release. The greatest challenge was in finding the exact wavelength at which all types of paint, putty, lacquer and water would simultaneously react.

Birger was driven by his conviction, even when resistance was tough and sustained. He knew he was on the right track, so with the inventor's and researcher's relentlessness, he continued with product development – year after year. And he succeeded.

The company was founded in 1980. Speedheater was presented for the first time at a paint trade show in 1991. It was oriented to tradespeople and primarily with large machines available for leasing. Speedheater 1100 came in the year 2000. It was the first hand-held model developed for non-professionals, which cleared the way for the innovations with a continuously renewed product series for both professional and amateur users.

Speedheater products are now finding their way out into the world and the vision is to be world-leading in paint removal techniques. From Alingsås, just outside of Gothenburg, to all corners of the world. With a technique that is guaranteed to be equally gentle to underlying surfaces, people and the local environment, as well as to the global environment. That saves valuable time and produces perfect end-results.



The early model is still in use.

Inventor Birger Ericson on a visit to Karlskrona.

Heat is recommended...

