TIMESAVERS®

SHEET METAL PROCESSING MACHINES

VERSION 1, 2025



“WORKING AT THE CUTTING EDGE!” “IT’S IN OUR DNA”

For the ultimate result in deburring and edge rounding, and the perfect precision in surface treatment and stock removal, we always do that little bit extra.

Pushing the boundaries with regard to technology, innovative power and flexibility is in our DNA. This is one of the reasons why we are known as specialists in standard and custom-made work. Timesavers is the creative party that likes nothing better than taking a constructive approach and putting forward technically well-thought-out solutions with the best results. This working method suits us: we want to offer our customers added value. That is what motivates us and keeps us ahead!

TIMESAVERS HAS BEEN SETTING THE STANDARDS FOR YEARS NOW

Timesavers is the largest producer of wide abrasive belt equipment in the world with sites in Minneapolis (USA), Goes (the Netherlands) and Shanghai (China). With more than 80 years of experience and a huge customer base worldwide, we recognise like no other the need for and strength of constant development and innovation. We provide a total package to our customers with our technical solutions, international production, extensive application knowledge and unmatched after-sales support. This is all brought about by a dedicated team with a sharp focus on quality and customer satisfaction.

YOUR PRODUCT DESERVES TOP QUALITY

The Timesavers range is specialised abrasive equipment for the optimal processing of products made of steel, stainless steel, aluminium and zincor coated (including plastic films or embossed surfaces). Apart from these standard metal types, our machines can also process various types of stone, concrete, composites and special metals. Are you looking for perfection in deburring, edge rounding, finishing or precision grinding with the highest attainable quality and with an unmatched finish? Choose Timesavers.

1939	1965	1970	1996	2001	2003	2005	2009	2014	2015
Linden Machines Rotterdam	Move to Goes	Grindingmaster	Timesavers International	Focus on metal	Wet working line for coils	Precision grinding machine	Rotary brush machine	New machine design	Titanium









CREATIVITY AND TECHNOLOGY GO HAND-IN-HAND AT TIMESAVERS

We adhere to the principle that different options are required for different applications and there is nobody who offers a broader range of machines than Timesavers. In addition, Timesavers also develops and produces machines for special applications up to complete turnkey project solutions with various types of peripheral equipment. Timesavers thinks in terms of solutions and likes to meet your challenge with vigour and enthusiasm.

THE WORLD IS OUR PLAYING FIELD

More than 60,000 Timesavers' grinding machines have been sold worldwide of which a large number are still operational today. More than 100 factory-trained independent distributors are ready to give service worldwide. In addition, the organisation has a team of engineers who are stationed strategically and provide support. We always know how to help you. Regardless of where you may be in the world.

2016	2017	2018	2019	2020	2021	2022	2023	2024	Future
Red Dot Design award		Timesavers in China		22 RB series		Pictogram control for ease of use		42 RB series 1525	
calibration projects	32 RB series		Hammerhead innovation		Industry 4.0 functionalities		12 RB series		











10 SERIES



12 SERIES



12 RB SERIES



22 SERIES



22 RB SERIES



31 SERIES

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32
RB SERIES



42
RB SERIES



44
SERIES



62
SERIES



71
SERIES



72
SERIES



81
SERIES

TIMESAVERS: THE BEST WHEN IT COMES TO SHEET METAL PROCESSING MACHINES

DEBURRING WITH A TIMESAVERS DEBURRING MACHINE

Deburring is the removal of irregularities and sharp edges on metal products. They are often caused by machining work such as laser, water jet, punched or plasma cutting. Discover Timesavers' broad machine line for effective and efficient deburring.

ARE YOU LOOKING FOR THE MOST BEAUTIFUL AND BEST EDGE ROUNDING OF METAL?

A radius is created on the edge of the metal during edge rounding of metal products.
This ensures that the sharpness of the edge is removed and it is given a uniform rounding.
Timesavers offers perfection in edge rounding with a radius of up to 2 mm in a single pass.

GET THE BEST FINISH WITH TIMESAVERS

Surface finishing applies to, for example, stainless steel and aluminium in several versions:
a hairline, a brush and a grain finish. Timesavers offers a wide range of quality finishing machines with abrasive belts and brushes.

PRECISION GRINDING WITH TIMESAVERS' INNOVATIVE GRINDING TECHNOLOGY

Surplus material such as the oxide layer is removed from metal products through surface grinding when you apply precision grinding. Timesavers is the expert in precision grinding where tolerances of up to 0.02 mm can be achieved.

REMOVAL OF LASER OXIDE SKIN

Oxide skin occurs on metal and stainless steel when laser cutting using oxygen, and it must be removed for subsequent coating processes or welding. Timesavers has developed a perfect solution for the removal of laser oxide, both from the suface, as well as from the sides of the product.

EASY REMOVAL OF HEAVY SLAG

Slag occurs when metal melts because of, for example, autogenous and plasma cutting.
Slag removal requires a special approach for which Timesavers offers the ultimate solutions.

OVERVIEW POSSIBLE MACHINE CONFIGURATIONS

Possible machine configurations of the 12 till 42 RB series machines to deburr, round edge, finish, remove laser oxide or remove heavy slag.

W

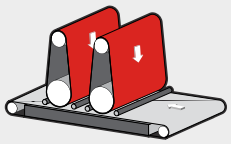
12
22
31



APPLICATION
deburring and finishing

WW

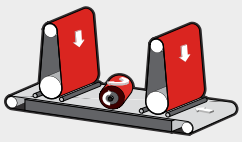
12
22
31



APPLICATION
deburring and finishing

WRBW

12RB



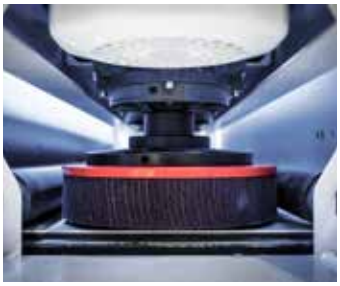
APPLICATION
deburring, edge rounding and finishing

RBW

32RB

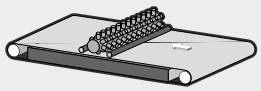


APPLICATION
edge rounding and finishing



H

22



APPLICATION
heavy slag removal

HW

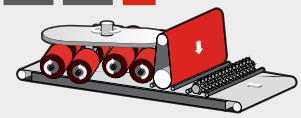
22



APPLICATION
heavy slag removal and deburring

HWRB

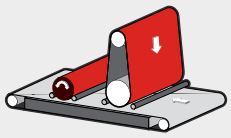
32RB 42RB 2MM RADIUS



APPLICATION
heavy slag removal, deburring and edge rounding

WB

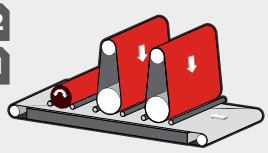
12
22
31



APPLICATION
finishing and brushing

WWB

22
31

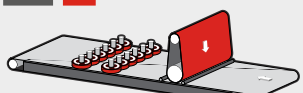


APPLICATION
finishing and brushing



WTBTB

42RB 3MM RADIUS



APPLICATION
deburring, edge rounding, finishing, laser oxide removal and heavy slag removal

WTBW

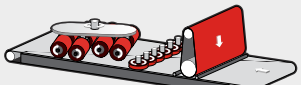
42RB 3MM RADIUS



APPLICATION
deburring, edge rounding, finishing, laser oxide removal and heavy slag removal

WTBRB

42RB 3MM RADIUS



APPLICATION
deburring, edge rounding, finishing, laser oxide removal and heavy slag removal

WTBRBW

42RB 3MM RADIUS



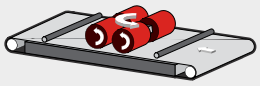
APPLICATION
deburring, edge rounding, finishing, laser oxide removal and heavy slag removal

W - Wide belt **RB -** Rotary Brush **H -** Hammerhead

B - Brush **MD -** Multi Disc **TB -** Top Brush

RB

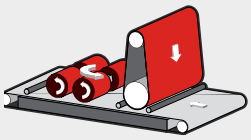
32RB



APPLICATION
edge rounding

WRB

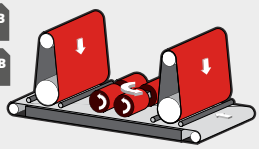
32RB
22RB



APPLICATION
deburring and edge rounding

WRBW

32RB
22RB

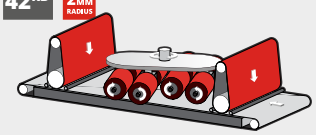


APPLICATION
deburring, edge rounding and finishing



WRBW

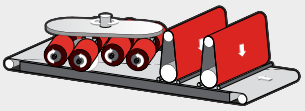
42RB 2MM RADIUS



APPLICATION
deburring, edge rounding and finishing

WWRB

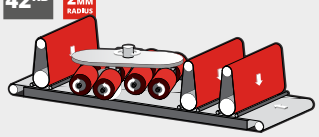
42RB 2MM RADIUS



APPLICATION
pre-deburring, deburring and edge rounding

WWRBW

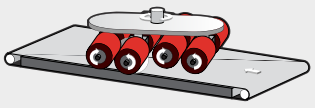
42RB 2MM RADIUS



APPLICATION
pre-deburring, deburring, edge rounding and finishing

RB

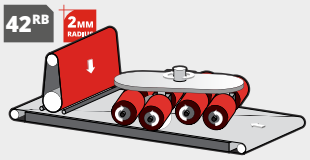
42RB 2MM RADIUS



APPLICATION
edge rounding

RBW

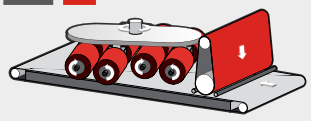
42RB 2MM RADIUS



APPLICATION
edge rounding and finishing

WRB

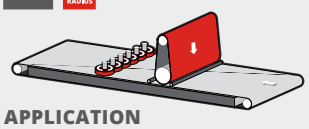
42RB 2MM RADIUS



APPLICATION
deburring and edge rounding

WTB

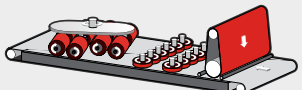
42RB 3MM RADIUS



APPLICATION
deburring, edge rounding, finishing, laser oxide removal and heavy slag removal

WTBTBRB

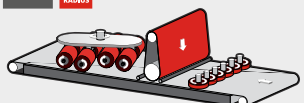
42RB 3MM RADIUS



APPLICATION
deburring, edge rounding, finishing, laser oxide removal and heavy slag removal

TBWRB

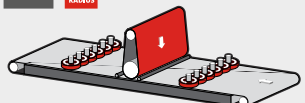
42RB 3MM RADIUS



APPLICATION
deburring, edge rounding, finishing, laser oxide removal and heavy slag removal

TBWTB

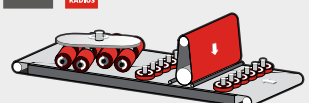
42RB 3MM RADIUS



APPLICATION
deburring, edge rounding, finishing, laser oxide removal and heavy slag removal

TBWTBRB

42RB 3MM RADIUS



APPLICATION
deburring, edge rounding, finishing, laser oxide removal and heavy slag removal

10
SERIES

THE 10 SERIES MANUAL GRINDER



The 10 series is Timesavers' versatile starter model and the cost saving alternative for manual deburring, edge rounding, laser oxide removal, slag removal and finishing of metal.

CHECK THE VIDEO

The all-in-one Manual Grinder

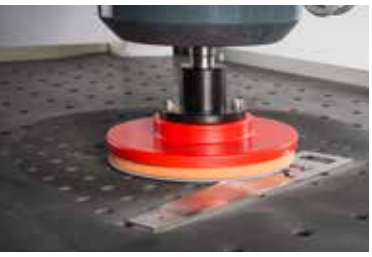
This versatile machine has two heads: an easy to change grinding disc and a brush. The different kind of brushes can take care of deburring, edge rounding, finishing, laser oxide removal and heavy slag removal. Also, mirror finish can be created if required. Thanks to the 180 degrees rotating shaft, it is easy to rapidly switch between different consumables.

Optimal operating conditions due to ergonomic design

The machine has a special tabletop with a high friction surface to fix the parts during processing. Smaller parts are kept in place due to the integrated vacuum. The operation speaks for itself. That makes it a user friendly machine, accessible to all.

Increase of production capacity

Operation comfort contributes to a higher production capacity and reduced operator fatigue. Ready to replace manual deburring? Contact Timesavers' experts for professional advice.









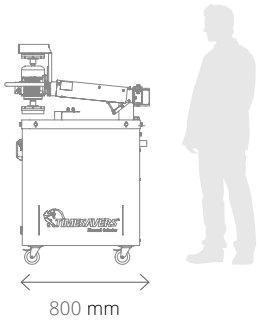
Available configurations (mm):

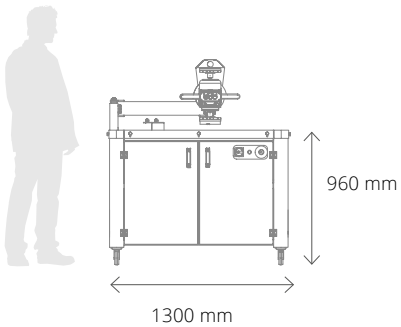
MG 1300 x 880	2.5 kW / 11.6 A

Specifications:

Number of heads	2
Head types	disc, brush
Disc/brush diameter	150 mm
Rotating grinding head	180°







STANDARD VERSION WITH VACUUM:

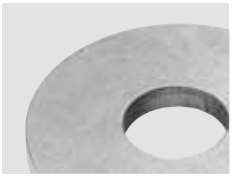
- 2-position movable arm with weight compensation.
- Starter set to process different materials.
- Grinding dust is collected in an easy-to-clean container.
- Frequency controlled drive.
- Worktable 1300 x 800 mm.
- Weight approx. 270 kg.
- Vacuum table size 260 x 310 for small parts.
- 0.75 kW main motor.
- Height-adjustable side guards for personal protection and machining of larger parts.
- CE-certified.
- 400 Volt/50 Hz connection with plug.

APPLICATIONS AND BENEFITS:

- Reduction in consumables costs by long-life brushes.
- 3 - 4 times faster compared to deburring by hand.
- Even deburring and edge rounding.
- Affordable entry-level model.
- Wheels for easy movement.
- Optimal user-friendliness.

Specifications:

Table	1300 x 800 mm (960 mm working height)
Vacuum area	260 x 310 mm
Maximum thickness of a part	100 mm
Applications	deburring, edge rounding, laser oxide removal, slag removal, finishing









12

SERIES

12 SERIES FOR DRY DEBURRING AND FINISHING OF SMALL PARTS

Timesavers' deburring machine 12 series has been the standard in the metal industry for more than forty years. Thousands of these economically attractive deburring machines are being used worldwide for the deburring and finishing of small parts.



CHECK THE VIDEO

Simple and consistent

This dry working machine has a 600 mm wide conveyor belt. It can be equipped with a combination of an abrasive belt and brush. Its simplicity allows for easy operation by anyone, eliminating the reliance on individual skill for achieving consistent results. With the operator in control, the machine delivers consistent deburring and finishing results.

Save tooling costs

Parts are deburred more consistently by machine than by hand. As a result, the abrasive belts wear more evenly and have a longer service life compared to abrasive discs used for manual deburring. So there are savings in tool costs and time, as less downtime is needed to replace abrasive belt.

Increase efficiency

The 12 series is a perfect solution to increase efficiency in the deburring process. Contact Timesavers' experts for professional advice.









Available configurations (mm):

W	600
WW	600
WB	600

Specifications:

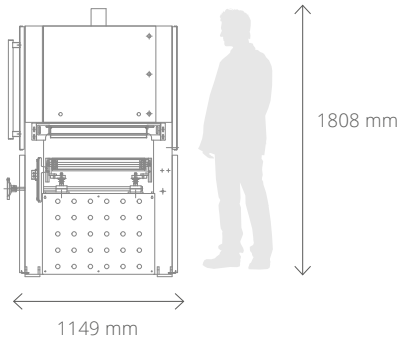
Number of heads	1 - 2
Head types	roller, brush
Working width	600 mm

STANDARD VERSION:

- Electric table height adjustment 1 - 125 mm.
- Digital thickness readout in mm, on display.
- Throughput speed W: 3 - 9 m/min | WW+WB: 1.5 - 9 m/min.
- CE-certified.

APPLICATIONS AND BENEFITS:

- Removal of vertical burrs from punched, laser and waterjet-cut parts.
- Processable materials: stainless steel, steel, aluminium, copper, etc.
- Pre-grinding of heavy burrs and finishing in one pass on machine with multiple heads.
- Option of edge breaking and fine grinding with a brush.
- Optimal ease of operation.



Specifications:

Transport speed	3 - 9 and 1.5 - 9 m/min
Abrasive belt length	1525 mm
Contact roller diameter	150 mm
Applications	deburring, finishing



12

RB SERIES

THE SMALLEST ROTARY BRUSH MACHINE



The 12 RB series is the newest and smallest machine with a working width of 300 mm. Excellent for deburring, edge rounding or laser oxide removal and finishing of small sheet metal parts.

Deburring, edge rounding and finishing for small parts

This is an entry level model of the rotary brush machine. It is perfect for customers who need to create a radius on small parts. Or for customers who are looking for an addition to their larger Timesavers machine. The big rotary brush is flexible and grinds the edges, while leaving the surface unharmed. Because of its small footprint, it can be a great solution for companies that have limited space available on their production floor.

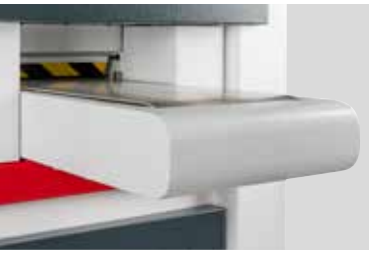
Consistent results

To manually grind a radius on each small metal part is a time consuming challenge. And with tumbling, you do not have much control over the finish. Nor is it easy to get rid of the burrs caused by a laser. However, the 12 RB series ensures time savings and consistent, all-round results, as it works fully automated. With the right settings it will improve your deburring process and the quality of your products. The brush covers the entire working width and will wear evenly.

Automated settings

The rotary brush machine is unique on its own. It is the only machine that has motorised height adjustment on all the machine heads. That is not all. The table also has a fixed height of 970 mm. This constant height is ideal when adding handling options such as return or buffer tables. In addition, parts that have less than 5 mm difference in thickness can be machined simultaneously with the RB head only. Contact Timesavers' experts for professional advice.

CHECK THE VIDEO



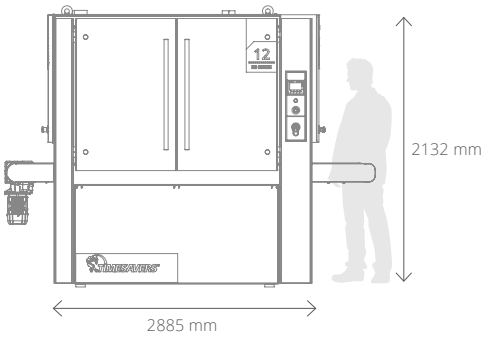


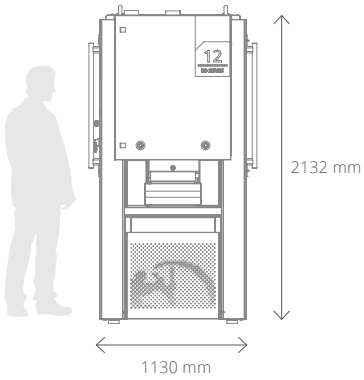

Available configurations (mm):

WRBW	300	12 kW / 22 A

Specifications:

Number of heads	3
Head types	wide belt, rotary brush
Working width	300 mm
Number of brushes	1 (quick change brush system)





STANDARD VERSION:

- Machine working width of 300 mm.
- Efficient ergonomic operation through user-friendly TP900 Siemens HMI.
- Constant pass conveyor height at 970 mm.
- Vacuum table for processing small products (20 x 20 mm).
- Frequency controlled motors (wide belt and brush) for easy speed adjustment.
- Easily changeable brush and abrasive belt.
- Various brush types are available for multifunctional use of materials.
- Product thickness 0,8 - 100 mm.
- Transport speed from 0.5 - 8 m/min.
- Two additional buttons for adjusting the transport and brush speed.
- CE-certified.

APPLICATIONS AND BENEFITS:

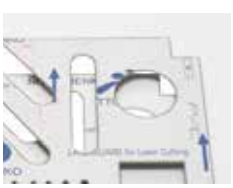
- Rotary brush machine with smallest footprint.
- The brush contact distance of 530 mm.
- The R+ brush has a total of 7 m² of abrasive material.
- Low tooling costs and very low energy consumption.
- Maximum user-friendliness and an optimal process visibility.
- Removal of burrs on laser-cut, waterjet-cut and punched products.
- Processable materials: stainless steel, steel, aluminium, copper, etc.
- Removal of oxide skin with metal wire brush.
- Non-directional finish with only RB head.

Specifications:

Table opening	1 - 100 mm
Transport speed	0.5 - 8 m/min
Brush dimensions	530 x 350 mm
Contact roller diameter	150 mm
Applications	deburring, edge rounding, laser oxide removal, finishing









22

SERIES

THE 22 SERIES FOR DEBURRING AND FINISHING OR SLAG REMOVAL

The 22 series is suitable for dry finishing and deburring of metal. This versatile machine is available in three working widths: 900 mm, 1050 mm and 1280 mm. It can be equiped with a total of three heads for multiple applications.



CHECK THE VIDEO

Rugged and solid

Looking for an economically attractive solution that takes care of deburring and finishing? This 22 series is simple, rugged and timeless. It removes all irregularities from laser cut parts, while keeping the operating costs low. There are many configurations available and each has its benefits. Abrasive belts are perfect for deburring and finishing in one pass. The multi discs grind the top and break the edges. A single brush at the end will apply a nice finish. And there is more...

Slag removal

Plasma or flame cut steel parts are often left with large burrs, also known as slag or dross. Because slag is difficult to deburr with a grinding belt, Timesavers has developed the Hammerhead. This special technique removes slag in an instant. A time saver guaranteed.

Contact Timesavers' experts for professional advice.









Available configurations (mm):

H	900			
W	900	1050	1280	
HW	900			
WB	900	1050	1280	
WW	900	1050	1280	
WWB	900	1050	1280	

Specifications:

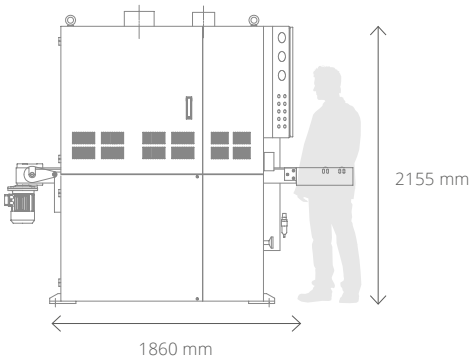
Number of heads	1 - 3
Head types	wide belt, brush, multi disc,
	hammerhead
Working width	900, 1050, 1280 mm
Abrasive belt length	1900, 2620 mm

STANDARD VERSION:

- Table mounted on four synchronous spindles.
- Digital thickness readout in mm, on display.
- Frequency controlled transport motor, 2.5 - 14 m/min.
- Automatic table height adjustment 1 - 125 mm.
- Electronic oscillation.
- Dust extraction hoods and connections on top.
- CE-certified.

APPLICATIONS AND BENEFITS:

- Removal of vertical burrs from punched, laser and waterjet-cut parts.
- Processable materials: stainless steel, steel, aluminium, copper, etc.
- Deburring and surface finishing in one throughput when using multiple heads.
- Edge breaking by means of Nylon web brushes (B), flap brushes (B) or small brushes (MD).
- Removing metal dross with the hammerhead (H).
- Grinding or brushing for making a finish.
- Very low operating costs and high production capacity.



Specifications:

Table opening	1 - 125 mm
Transport speed	2.5 - 14 m/min
Contact roller diameter	150, 200 mm
Applications	deburring, edge rounding, slag removal, finishing









22

RB SERIES

THE MOST COMPACT ROTARY BRUSH MACHINE



The 22 RB series is the most compact dry operating machine for deburring, edge rounding, finishing and laser oxide removal of various sheet metal parts.

Compact solution

The 22 RB series is designed for sheet metal parts up to 600 mm width, making it ideal for companies with smaller production demand and corresponding budget. It allows customers to achieve precise deburring, edge rounding, laser oxide removal and finishing of parts.

Reliable and uniform results

Through its automated process, the machine offers reliable and uniform results. That is crucial for ensuring the quality of finished products. Moreover, the 22 RB series can combine edge rounding with removing laser oxide. By effectively removing the oxide layer, companies can ensure optimal coating adhesion and improve the overal quality and longevity of their products.

Smart software

The machine is equipped with Siemens PLC and HMI, allowing the process and parameters to be adjusted automatically.

CHECK THE VIDEO

Contact Timesavers' experts for professional advice.







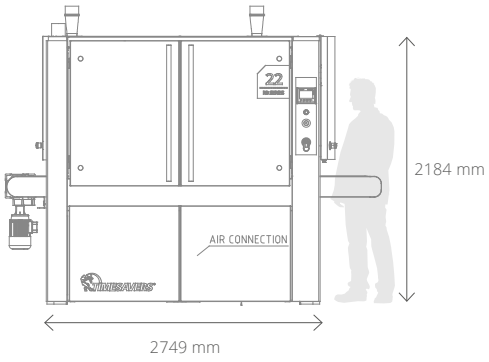


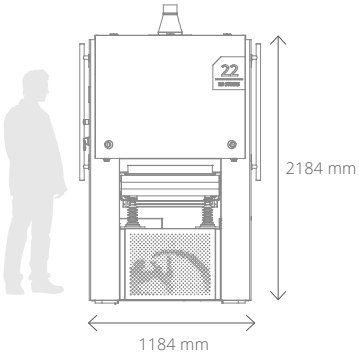
Available configurations (mm):

WRB	600	14 kW / 40 A
WRBW	600	18 kW / 50 A

Specifications:

Number of heads	2 - 3
Head types	wide belt, rotary brush
Working width	600 mm
Number of brushes	4 (quick change brush system)





STANDARD VERSION:

- Machine working width of 600 mm.
- Efficient ergonomic operation through user-friendly TP900 Siemens HMI.
- Vacuum table for processing small products (50 x 50 mm).
- Vacuum table with an integrated automatic cleaning cycle.
- Frequency controlled motors (roller and brushes) for flexibility during the process.
- Easily changeable brushes.
- Various brush types are available for multifunctional use of materials.
- Adjustable table height 1 - 100 mm.
- Product overthickness protection.
- Transport speed from 0.5 - 8 m/min.
- Two additional potentiometers for adjusting the transport and brush speed.
- CE-certified.

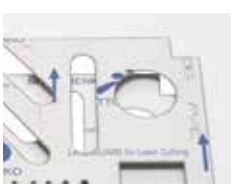
APPLICATIONS AND BENEFITS:

- Very compact rotary brush machine.
- The brush contact distance of 850 mm.
- The four brushes have a total of 12 m² of abrasive material.
- Low tooling costs and very low energy consumption.
- Maximum user-friendliness and an optimal process visibility.
- Removal of burrs on laser-cut, waterjet-cut and punched products.
- Processable materials: stainless steel, steel, aluminium, copper, etc.
- Removal of large burrs, laser oxide and finishing of surfaces in one pass.
- Edge rounding and finishing of metal with brushes.
- Removal of oxide skin with metal wire brushes.

Specifications:

Table opening	1 - 100 mm
Transport speed	0.5 - 8 m/min
Brush dimensions	315 x 300 mm
Contact roller diameter	150 mm
Applications	deburring, edge rounding, laser oxide removal, finishing






31

SERIES

THE 31 SERIES FOR WET DEBURRING AND FINISHING

The 31 series deburring and finishing machine is available in a width of 450 mm and 900 mm. The machine is suitable for deburring and finishing of heat sensitive materials.



CHECK THE VIDEO

Two working widths and innumerable possibilities

The 31 series can be equipped with a powerful grinding belt and a brush head. It is therefore the ideal machine for grinding and finishing square pipes and sheet metal.

The 31 series, a Timesavers finishing machine

This machine has an integrated coolant filter system to cool the metal products during machining. This ensures that the abrasive belt's service life is extended. The wet-working system uses filter paper to filter the coolant before it is recirculated. An integrated dryer dries the metal products while they are exiting the machine.

Optimum machining process in combination with ease of use

The 31 series is the ultimate machine for fast and efficient deburring and finishing. The machine can be easily operated thanks to a clear control panel. The finishing level is one of the reasons why the 31 series is so popular.

Contact Timesavers' experts for professional advice.









Available configurations (mm):

W	450	900
WB	450	900
WW	450	900
WWB	450	900
WBB		900

Specifications:

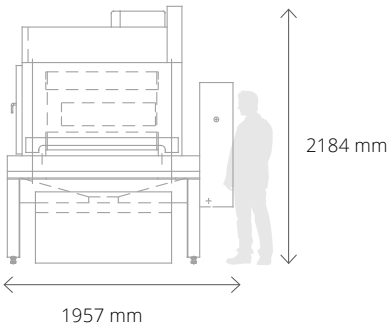
Number of heads	1 - 3
Head types	wide belt, brush
Working width	450, 900 mm
Abrasive belt length	1525 mm

STANDARD VERSION:

- Built-in paper band filter and coolant tank with circulation pump.
- Transport table with a fixation system.
- Automatically adjustable table opening. 450 wide: 1 - 200 mm | 900 wide: 1 - 150 mm.
- Digital thickness readout in mm, on display.
- Transport speed from 2.5 - 14 m/min.
- Integrated drying with air knives and squeeze rollers.

APPLICATIONS AND BENEFITS:

- Removing burrs on laser-cut, waterjet-cut and punched metal parts.
- Processable materials: stainless steel, aluminium, copper, titanium, etc.
- Deburring and finishing of surfaces in one pass.
- Processing with abrasive belt and possibly brush.
- Optimal production process and ease of use.



Specifications:

Table opening	1 - 150 mm (900 mm), 1 - 200 mm (450 mm)
Height of fixed table	980 mm
Transport speed	2.5 – 14 m/min
Brush diameter	150 mm
Contact roller diameter	150 mm
Applications	deburring, finishing






32

RB SERIES

THIS VERSATILE MACHINE OFFERS THE PERFECT PRICE-PERFORMANCE RATIO

The 32 RB series is the mid-sized rotary brush machine for deburring, edge rounding, laser oxide removal and finishing of different materials.



2MM RADIUS

CHECK THE VIDEO

Efficient all-in-one solution

This 32 RB series forms the standard in processing a broad range of materials. From slag removal and deburring to edge rounding and laser oxide removal. Finishing can be done with the rotary brushes or an abrasive belt at the end. These applications can be achieved in one pass. With features like a vacuum table and a magnetic track for small parts, this machine offers versatility in its usage.

Intuitive and easy operation

User comfort and ease of use has been a priority in the design of this deburring machine. The HMI touchscreen is clear and simple to understand. Other advantages are the low consumable usage, the energy efficiency and the optimal price-quality ratio. With the angled control panel and the large windows the machine operator will have maximum visibility of the process.

Find your solution

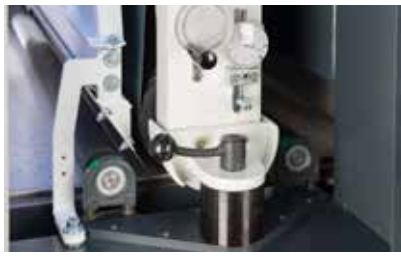
This 32 RB series offers the same innovative technologies found in the popular 42 RB series. Only with four rotary brushes and a working width of 1100 mm. Applications can be specifically chosen for each product batch. That makes it a perfect, versatile solution for processing different sheet metal parts.

Contact Timesavers' experts for professional advice.









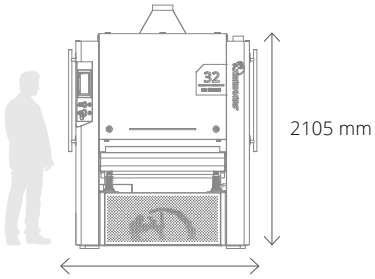
Available configurations (mm):

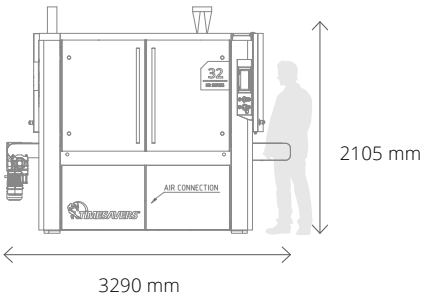
RB	1100	12.5 kW / 35 A
WRB	1100	17 kW / 48 A
RBW	1100	17 kW / 48 A
WRBW	1100	28 kW / 72 A
WWRB	1100	28 kW / 72 A
HWRB	1100	31 kW / 81 A

Specifications:

Number of heads	1 - 3
Head types	wide belt, rotary brush, hammerhead
Working width	1100 mm
Number of brushes	4 (quick change brush system)







STANDARD VERSION:

- Machine working width: 1100 mm.
- Efficient ergonomic operation through user-friendly Siemens HMI (positioned at 45° for a good overview of the treatment process).
- Vacuum table for processing small products (50 x 50 mm).
- Vacuum table with an integrated cleaning cycle.
- LED bar on the input side indicating the machine status.
- Frequency controlled motors (roller, brush and carousel) for flexibility during the process.
- Product overthickness protection.
- Easily changeable brushes.
- Various brush types are available for multifunctional use of materials (e.g. flap or metal wire brushes).
- Adjustable table opening 1 - 100 mm.
- Transport speed from 0.2 - 8 m/min.
- CE-certified.

APPLICATIONS AND BENEFITS:

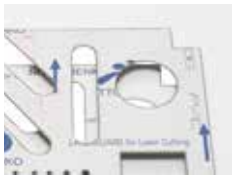
- Compact rotary brush machine.
- Brush contact distance of 1300 mm.
- The four brushes have a total of 28 m² of abrasive material.
- Removal of burrs on e.g. laser-cut, waterjet-cut, punched products, etc.
- Processable material: stainless steel, steel, aluminium, copper, etc.
- Removal of burrs, edge rounding, laser oxide and slag removal, and finishing of surfaces in one pass.
- Low tooling costs and very low energy consumption.
- Maximum user-friendliness and an optimal observation process.

Specifications:

Table opening	1 - 100 mm
Transport speed	0.2 - 8 m/min
Brush dimensions	530 x 350 mm
Contact roller diameter	150 mm
Applications	deburring, edge rounding, laser oxide removal, heavy slag removal, finishing









42

RB SERIES



42 RB SERIES FOR FASTER DEBURRING, EDGE ROUNDING, FINISHING, LASER OXIDE REMOVAL AND HEAVY SLAG REMOVAL

Discover the new and improved version of the 42 RB series. Our most popular machine for uniform deburring, edge rounding and finishing sheet metal.
Now available in a working width of 1525 mm.

NEW!

Uniform results

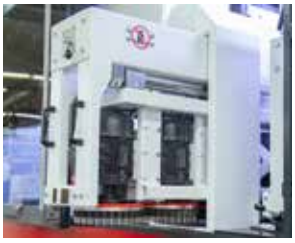
The 42 RB series was the first Timesavers machine introduced with the rotary brush. This innovative technology has completely changed the standards of sheet metal edge rounding. It is now the top choice among Timesavers machines, efficiently performing all applications in a single pass.
Each of the machine heads can be operated separately, which is particularly useful when processing different types of products. The rotary brushes are excellent for achieving a non-directional finish or rounding the edges of 3D parts or parts with protective films.

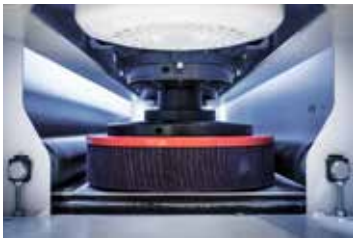
New features!

The 42 RB series has been improved with two newly developed heads. The top brush and the wide belt. The Top Brush has a full working width of 1525 mm. Together with the rotary brushes the top brushes have 95% uniformity in edge rounding.
Our wide belt head has a complete redesign. Now the head can be adjusted form the HMI, and it has an accurate position measurement. Setpoints can be stored in recipes. The machine can now setup automatically.
The HMI has been upgraded with a 3D interface and the possibility to store up to 500 deburring programmes. This reduces operator errors. Additionally, the machine now features connectivity options, including two USB ports for integrating thickness meters or barcode scanners, as well as the ability to connect with IXON. This RB machine can be set in ECO-mode, power mode or standby, based on the performance needs. Contact Timesavers' experts for professional advice.

3MM RADIUS

CHECK THE VIDEO







Available configurations (mm):

RB	1525	WTBW	1525		
WRB	1525	WTBRB	1525		
RBW	1525	WTBRBW	1525		
WRBW	1525	WTBTBRB	1525		
WWRBW	1525	TBWRB	1525		
WTB	1525	TBWTB	1525		
WTBTB	1525	TBWTBRB	1525		

(2000 mm execution possible)

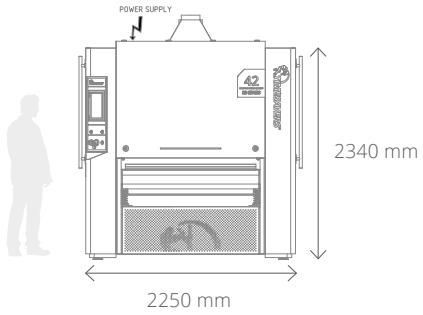
Specifications:

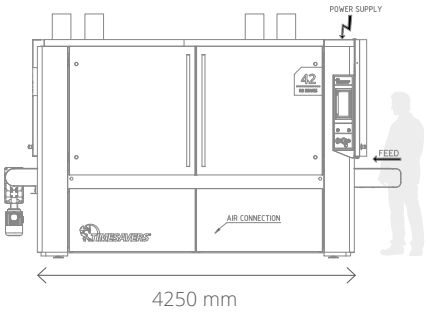
Number of heads	1 - 4
Head types	rotary brush, wide belt,
	hammerhead, top brush
Working width	1525 mm
Number of rotating rotating brushes	8 (quick to change brush system)
Number of top brushes	6 (quick to change brush system)

NEW: Standard working width 1525 mm

NEW!







STANDARD VERSION:

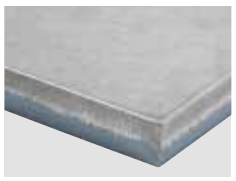
- Ergonomic positioned and user-friendly control panel (located at 45° for a good overview of the treatment process).
- Motorised adjustable table opening from 1 - 100 mm.
- Product overthickness protection.
- Frequency-controlled grinding heads and a conveyor belt with an adjustable feed speed of 0.2 - 8 m/min.
- Product overthickness protection.
- Window doors, illuminated interior and optional camera's for process observation.
- Brushes with an extremely long service life of up to 3000 hours.
- LED bars on the input and output to indicate machine status.
- Available with 1, 2, 3 or 4 heads.
- Vacuum table with an automatic cleaning cycle.
- Quick change system for brushes and belts.
- CE-certified.

APPLICATIONS AND BENEFITS:

- Six top brushes over the full working width.
- Faster creation of a large radius with a combination of a top brush and the rotary brushes.
- Narrow, long parts can be processed more easily.
- The top brushes combined with the rotary brushes create 95% uniformity.
- The rotary brush contact distance is 1750 mm.
- The eight rotary brushes have a total of 53 m² of abrasive material.
- Processing of mixed materials with optional wet dust extraction.
- Treatment of small parts (50 x 50 mm) possible with the standard vacuum table.
- Removal of burrs that are caused by laser, plasma or water jet cutting and embossed parts in one go.
- Flat, formed and 3D parts with protrusions.
- Preliminary removal of large burrs and finishing of surfaces.
- Processable materials: stainless steel, steel, aluminium, copper, etc.
- Deburring Zintec, galvanised and plated material.
- Use of level 2 systems integration in an Industry 4.0 / Smart industry software platform.
- Robot handling is possible.
- Smart integration with ERP/MRP.

Specifications:

Table opening	1 - 100 mm
Transport speed	0.2 - 8 m/min
Brush dimensions	530 x 350 mm
Contact roller diameter	180, 280 mm
Applications	deburring, edge rounding, laser oxide removal, heavy slag removal, finishing









44

SERIES

44 SERIES FOR REMOVING BURRS WITHOUT GRINDING AWAY THE SURFACE COATING

Discover the 44 series, previously known as the Grindingmaster MO/D. This no ordinary deburring machine. It takes care of removing the imperfections around the edges, while the surface coating remains intact.



Uniform results

The 44 series is the perfect machine for processing rotor and stator laminations for electrical motors and generators. The machine removes burrs without grinding away the surface coating. The grinding belt head can efficiently debur the parts in one pass.

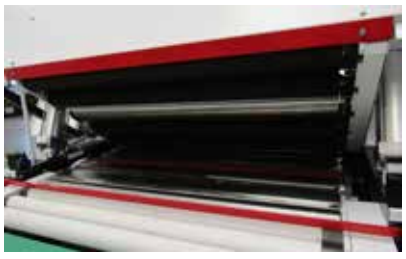
Deburring of motor laminations

The machine is a bottom working machine with a front and rear feed table. Perfect for deburring silicon steel sheets of 0,3 mm up to 2 mm thickness. The length of the laminations should be minimum 359 mm and maximum 1300 mm.

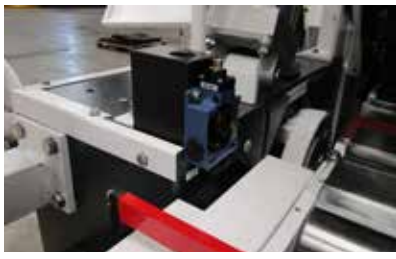
With an adjustable transport speed of 8 to 38 m/min, flexible operations are assured. This makes it possible to save energy during processes or, on the contrary, to increase output. All parts get cleaned from dust by a brush at the exit. The 44 series machine can also be integrated in an automated production line. Working multiple shifts is not a problem.









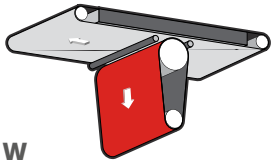


Available configurations (mm):

W	1300	1600

Specifications:

Number of heads	1
Head types	wide belt
Working width	1300, 1600 mm



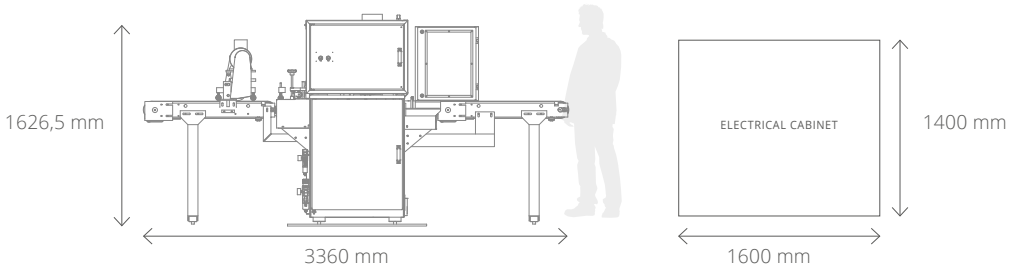
W

STANDARD VERSION:

- Infeed table length: 1000 mm.
- Outfeed table length: 1000 mm.
- Contact roller with special profiled serrations and a different type of rubber.
- High speed abrasive belt.
- The machine enables you to deburr in one pass to 0 - or remaining burrs of 0.03 mm (.0012") while leaving the very thin surface coat in good condition.
- Feed speed is adjustable from 8 up to 38 m/min.
- Cleaning brush system to take away all remaining dust particles.
- Available with one head, the grinding belt head.
- CE-certified.

APPLICATIONS AND BENEFITS:

- Deburring of electric motor laminations, without removing the lacquer layer. Processable materials: electrical or silicon steel.
- Deburring materials without grinding away the surface coating.
- The machine can be integrated in an automated production line.
- Working in multiple shifts is not a problem.



Specifications:

Product thickness	0.3 - 2 mm
Transport speed	40 m/min
Applications	deburring



62

SERIES

GRINDING, BRUSHING AND FINISHING OF COIL, SHEET METAL OR PLATES

The 62 series offers a complete solution for finishing stainless steel sheets. Two different working widths are available: 1350 mm and 1600 mm.



Achieve the desired finish

The 62 series machine can be equipped with up to three machine heads. There is a suitable configuration for any required finish. Various finishes, including no. 3, no. 4 and duplo, can be attained in one machine. For a duplo finish, use a grinding belt followed by a Scotch-Brite brush for a fine surface. Even thin sheets of 0.4 mm can be ground and finished thanks to the roller table's special construction.

Turnkey solutions

We can also supply the ancillary equipment. Timesavers organises, installs, instructs and provides a perfect working machine-line. Examples include:

- Roller conveyors and tables.
- Automatic stacking/de-stacking units.
- PVC-coating machines.
- Dust extractors for dry grinding machines.

CHECK THE VIDEO

Do you want to know more about this Timesavers machine and our service?

Contact Timesavers' experts for professional advice.









Available configurations (mm):

WWB	1350	1600
WW	1350	1600
WB	1350	1600
BB	1350	1600

Specifications:

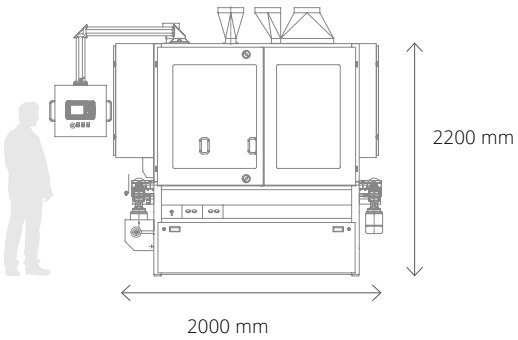
Number of heads	1 - 3
Head types	wide belt, brush
Working width	1350, 1600 mm

STANDARD VERSION:

- Centrally programmable HMI Siemens control panel.
- Wide belts with a fine adjustment of the contact rollers (diameter of 220 mm).
- Frequency controlled main motors on W-head for all possible finishes.
- Scotch-Brite brush heads with fast oscillation of up to 700 strokes per minute: frequency controlled main motor, brush outer diameter of 350 mm, motorised height adjustment with quick exchange brush system.
- Roller table construction with hardened steel counter roller under the contact roller for finishing thin sheets from 0.4 mm (need of an additional package).

APPLICATIONS AND BENEFITS:

- No. 3 or no. 4 finishing with abrasive belts from grit 120, 180 to even 240 and 320.
- Brush / microlon finishing with Scotch-Brite brushes or with Scotch-Brite belts.
- Duplo finish; a combination of finishing with grinding belts and Scotch-Brite brush(es).
- Can be purchased as a turnkey project.



Duplo finish

Microlon finish

No. 4 finish

Specifications:

Table opening	1 - 50 mm
Transport speed	4 - 20 m/min
Brush diameter	350 mm
Adjustable contact roller diameter	220 mm
Applications	grinding, finishing of stainless steel sheets

71/72

SERIES

HEAVY DUTY MACHINE FOR GRINDING, BRUSHING AND FINISHING OF COIL, SHEET METAL OR PLATES

In addition to top working machines, bottom working machines can be integrated in the production line. Finishing of cold and hot rolled sheets is also possible with this machine.



CHECK THE VIDEO

71 series

72 series

Finishing of sheet metal rolls

Timesavers provides wet working machines (71 series) and dry working machines (72 series) for finishing. The selection of series depends on the type of metal that needs to be processed and the required results. Both are designed to perform day-in, day-out, year-in and year-out. They ensure reliable and perfectly finished results. With a production speed up to 30 m/min, these machines form a fast and efficient grinding solution.

Timesavers provides advice, delivers, installs and offers backups

If required we can deliver turnkey projects that can include, for example, a leveling machine, decoiler, coiler, a PVC-coating machine, roller tables and/or stackers.
With experienced support from the design phase up to and including delivery. Additional examples include:

- Dust extractors for dry finishing machines.
- Water filter units for wet finishing machines.
- In other words a complete 'coil-to coil' finishing line.

Do you want to know more?

Contact Timesavers' experts for professional advice.









Available configurations (mm):

WW	1350	1600	2100
WB	1350	1600	2100
BB	1350	1600	2100

Specifications:

Number of heads	1 - 2
Head types	wide belt, brush
Working width	1350, 1600, 2100 mm

Hairline finish

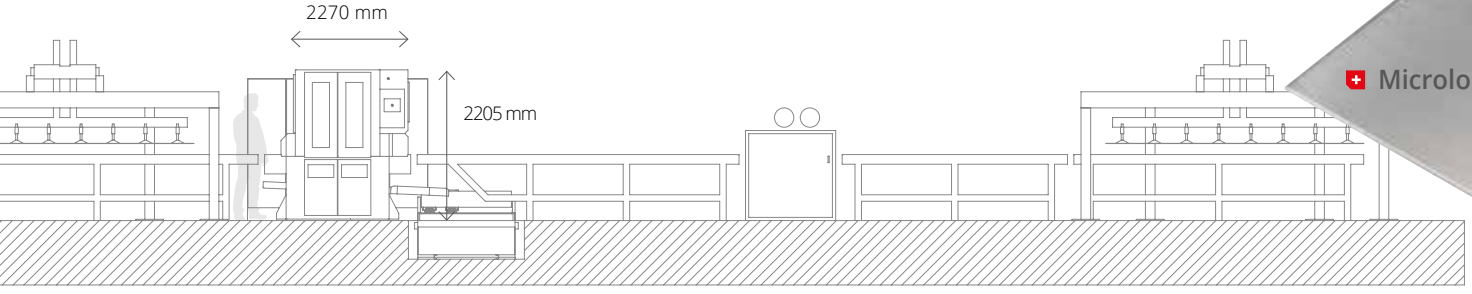
STANDARD VERSION:

- Centrally programmable HMI Siemens control panel.
- Wide belts with a fine adjustment of the contact rollers (diameter of 280 mm).
- Frequency controlled main motors on W-head for all possible finishes.
- Hairline finishing machine with endless grinding belt for ease of operation and perfect straight line.
- Scotch-Brite brush heads with fast oscillation of up to 500 strokes per minute: frequency controlled main motor, brush outer diameter of 400 mm, motorised height adjustment with quick exchange brush system.
- Roller table construction with hardened steel counter roller under the contact roller for finishing thin sheets from 0.5 mm.
- 71 series a wet working machine and 72 series a dry working machine.

Duplo finish

APPLICATIONS AND BENEFITS:

- Coil-to-coil.
- Sheet to sheet; both hot and cold rolled.
- No. 3 or no. 4 finishing with abrasive belts from grit 120, 180 to even 240 and 320.
- Brush / microlon finishing with Scotch-Brite brushes or with Scotch-Brite belts.
- Duplo finish; a combination of finishing with grinding belts and Scotch-Brite brush(es).
- Long scratch hairline finishing; a finish often favoured in the Far East.
- Can be purchased as a turnkey project.



Microlon finish

No. 4 finish

Specifications:

Table opening	1 - 50 mm
Transport speed	0 - 30 m/min
Brush diameter	400 mm
Adjustable contact roller diameter	280 mm
Applications	grinding, finishing of stainless steel sheets or coils

81

SERIES

THE 81 SERIES: THE INNOVATIVE SOLUTION FOR PRECISION GRINDING

The Dutch built 81 series machine is Timesavers' innovative solution for precision grinding and calibrating all sorts of alloys.



Precision grinding up to an acuray of 0.02 mm? No problem with the Timesavers 81 series
This machine uses wide grinding belts with a tight tolerance and is used for the precision grinding of titanium, molybdenum, stainless steel, aluminium/nickel alloys, carbon steel and more. The machine grinds these metals with a precision of no less than 0.02 mm.

The Timesavers precision grinding machine: totally tailor made
Every variant from the 81 series is produced especially based on customer requirements. Precision grinding is performed by a wide belt that grinds the thickness of a part to achieve a fixed thickness. The Timesavers 81 series has a conveyor belt, a roller table or a reciprocating table, coupled with high grinding power to make this precision grinding possible.
All executions in this machine range will have air knives to keep the coolant in the machine. In addition to this, a mist filter will remove small coolant particles out of the air. The machine is executed with servo drives for accurate positioning.

CHECK THE VIDEO

Timesavers offers know-how and a far-reaching service
We also, for example, offer turnkey solutions where the handling of all ancillary equipment is organised and installed for you. Examples include:

- Roller conveyor and roller tables.
- Automatic stacking and de-stacking units.
- Coolant filter units for wet grinders.
- Turnover unit.









Available configurations (mm):

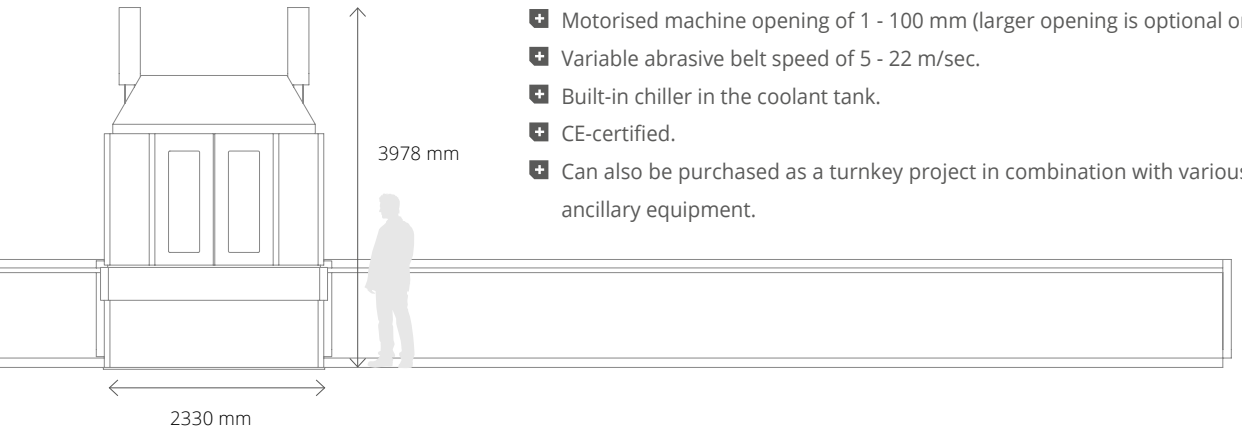
W	600	1000	1600	2100	2600
WW	600	1000	1600	2100	2600
WB	600	1000	1600	2100	2600
BB	600	1000	1600	2100	2600

Specifications:

Number of heads	1 - 2
Head types	wide belt, brush
Working width	600, 1000, 1600, 2100, 2600 mm

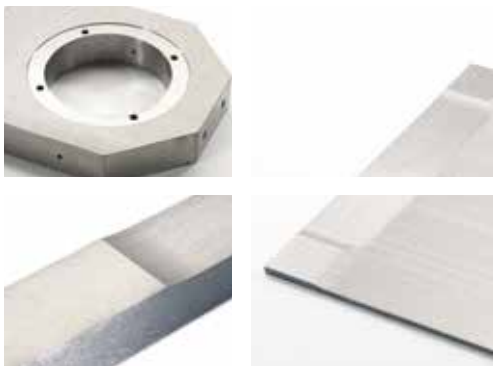
STANDARD VERSION:

- Precision grinding of titanium, molybdenum, stainless steel, nickel/aluminium alloys, and carbon steel.
- Grinds material to a predetermined thickness: flat, tapered or U shaped.
- Removes up to 0.2 mm per grinding stroke depending on the material.
- Accuracy of +/- 0.02 mm.
- Suitable for materials with thicknesses of 0.25 mm to 100 mm.
- Central control panel mounted on the machine or as a desk.
- Siemens HMI with pre-programmable settings.
- Integrated belt optimisation program for maximum use of the grinding belt capabilities.
- Possibility to grind in both directions.
- Wet version with integrated spray to separate dirt and fine dust.
- Integrated vacuum system with safety features.
- One or more vacuum segments that can be operated individually.
- Quick exchange system for the grinding belt.
- Motorised machine opening of 1 - 100 mm (larger opening is optional on request).
- Variable abrasive belt speed of 5 - 22 m/sec.
- Built-in chiller in the coolant tank.
- CE-certified.
- Can also be purchased as a turnkey project in combination with various types of ancillary equipment.



Specifications:

Table opening	1 - 100 mm
Transport speed	1 - 10 m/min
Applications	precision grinding



81
SERIES

81 SERIES
TABLE EXECUTIONS



CHECK THE VIDEO

Conveyor belt

Precision grinding can be done with a transport speed of 0.1 up to 10 m/min when using a conveyor belt. Optional is a transport feed from 0.1 up to 20 m/min. Besides that, the conveyor belt is oil and heat resistant. Plates could have a minimum thickness from 0.8 mm up to a maximum thickness of 100 mm.

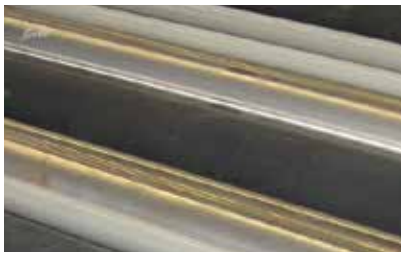
The conveyor belt is used when you have thicker material and when the material is not totally straight in length direction. The conveyor belt will give support for the low spots and the end result will be a homogeneous finish. The material will reciprocate during the grinding process over the conveyor belt and the grinding will be done in both directions to get maximum stock removal per cycle.

- Also capable of grinding material with various shapes.
- Accuracy of +/- 0.07 mm.
- Specially produced for sheet and plate material and has to be connected to infeed and outfeed tables.











Roller table

The roller table is executed with hardened steel billy rollers which guarantee a very constant grinding result. The minimum thickness of a plate could be 0.4 mm up to a maximum thickness of 20 mm. If the material is thicker than 4 mm, it must be levelled in both length and width before grinding. The billy rollers make sure that there is a constant pressure under the full width of the material, resulting in a homogeneous finish and an accuracy of +/- 0.05 mm.

- Can be used for both sheets and coils when the machine is connected to in and outfeed tables or to coil equipment.

Reciprocating table

By using a reciprocating table the most precise grinding can be reached. Possible for very thin plates with a minimum thickness of 0.25 mm up to plates with a maximum thickness of 100 mm. The product stays perfectly in place due to the vacuum system or the magnetic chuck. The table will have integrated channels on the side to remove swarf and coolant from the grinding area to the filter system.



The vacuum chuck mounted on top of the reciprocating table has multiple suction holes to accommodate one or multiple parts. The groove pattern can be adapted for the customers' needs. With the optional hydro pins, the plates can be either taken off with a sling or with a vacuum lifter.



- The table can also be executed with a magnetic chuck if the parts are from steel. This is an electro-permanent magnet to avoid heat production and to guarantee an accurate result.
- The accuracy of this type of table is +/- 0.02 mm depending on the material that is machined.





Turnkey solutions

Looking for more than a deburring machine? Optimize your production with a turnkey solution. Fully automate your process? We are ready!



Timesavers goes the extra mile to realise your ideal machine installation. From roller tables to turnover units. From robots to Pick & Place systems. Everything is possible. A turnkey solution can differ in size, handling options, process requirements, and so on. These are some examples of small and large turnkey solutions.

Turnover unit

Timesavers can also arrange turnover units to integrate in the deburring process. These units turn the sheet metal parts for double sided finishing. A grinding machine, a turnover unit and a second grinding machine. The whole process of deburring, edge rounding and finishing can be done for parts up to 6 metres!

Robots

Many companies dive into the world of automation. Automation enables you to increase the productivity and efficiency. It also makes it easier to scale up or down the operations, without significant changes in the workforce. With the use of robots, you can automatically load and unload the deburring machine. These improve working conditions and safety. Such a solution could include: an input cell, on both sides of the machine a camera, a robot and a table, and at the backside an output cell.

















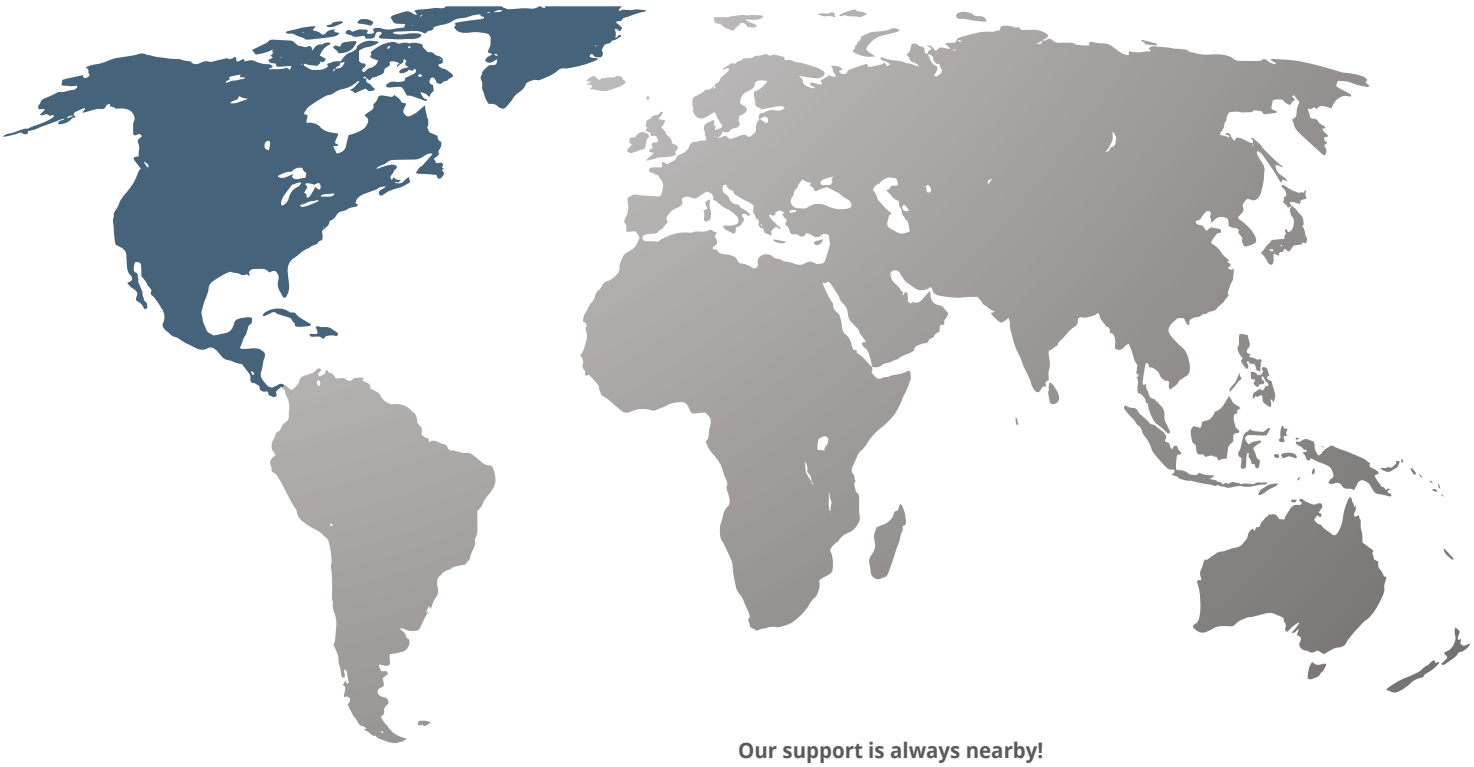
Process integration

Timesavers can also be of help in creating a single production line with multiple operations. We offer ancillary equipment for the deburring and finishing machines of your interest. One example is an installation for coils, with a coiler and decoiler, laminator, roller tables and so on. Another example is the integration of a part levelling machine and deburring machine. The two sheet metal processing machines complement each other. Putting them in one production line, saves time, space and energy. Such projects are done in cooperation with other suppliers.

Pick and place

Company's that works with heavy or large sheets and plates, the Pick & Place system offers an efficient way to load and unload the machine. This solution is perfect for our precision grinding machine. It can also be combined with a turnover unit.





Our support is always nearby!
Timesavers dealers are the application specialists near you. Because they know your market and customers, they can help you find the solution to your deburring or finishing challenge.

Of course, we also have our own Timesavers area sales managers. They are always on hand to answer your questions or help you find the right solution. No matter where you are located in the world.

Have a look at the map to see which area sales manager to contact for your country.

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TIMESAVERS®

TIMESAVERS ORIGINALS

CONSUMABLES

Timesavers provides you original brushes and belts, that ensures that your machine continues to function without problems. When you purchase Timesavers original parts they come with a solid guarantee, to ensure they stand the test of time.

BRUSHES



Timesavers provides original spare parts and tooling, to ensure that your machine performs with the best results. Our brushes are supplied by Boeck GmbH.

MACHINE CLEANING



Cleaning the conveyor belt from dust is crucial for safety, optimal performance and quality. Therefore, Timesavers offers cleaning products in cooperation with Veidec.

BELTS



Timesavers opts for the best grinding results possible, and therefore offers high quality abrasive belts from 3M. Their grind technology is remarkable.

ROTARY BRUSHES

Rotary brushes are used for removing light primary burrs and edge rounding of sheet metal. Different typers of abrasives are available for different typers of metal like, steel, stainless steel, aluminium and copper. The type of abrasive depends on the desired finish and radius.



ALUMINIUM OXIDE

The aluminium oxide brush is a very accessible brush type. This brush is great for medium edge rounding and surface finishing of steel, aluminium and stainless steel. Use 3x5 mm flaps for parts with small inserts and use 5x5 mm flaps for larger parts. This brush is also available as a cross flex brush. With the cross flex brush you get a non-directional finish and removal of milling marks for all types of metal.



SILICON CARBIDE

The silicon carbide brush is great for medium edge rounding and surface finishing of aluminium. For other materials like copper this brush also works great. For smaller parts use the 3x5 mm flaps and for larger parts use the 5x5 mm flaps.



CERAMIC

The ceramic brush is great for extreme deburring and edge rounding. The brush is available in three different types of flaps. The 3x5 mm flaps are great for parts with small inserts. The 5x5 mm flaps is great for the larger parts. And the 9x9 mm flaps is mostly used for even more rounding of the outside edges.



ADJUSTABLE METAL WIRE BRUSH

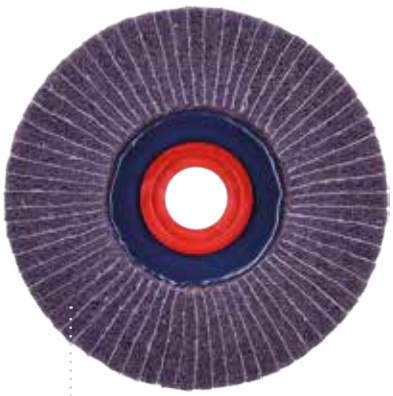
This is the perfect brush for the removal of oxide skin for metal parts. Combine this brush together with the flap brushes. Then you can simultaneously remove the oxide layer and round the edges of the metal parts.

TOP BRUSHES

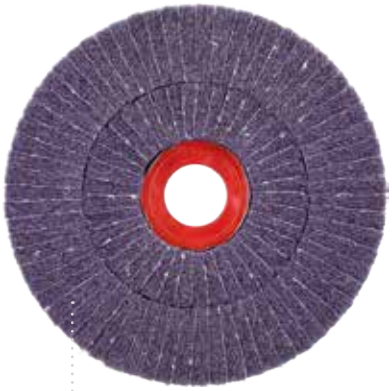
ALUMINIUM OXIDE
With the standard abrasive facing this tool can be used for any type of sheet metal - even with changing workpiece spectrum.

GOLD
The gold edition is ideal for deburring outside edges of sheet metal. A longlife and a strong edge rounding is achieved by an extremely hard and tough scotch in combination with abrasive cloth.

CERAMIC
This edition uses ceramic abrasive cloth. This has the highest aggressiveness and is mainly used for strong edge rounding.



STANDARD
The classic for removing light primary and secondary burrs as well as edge rounding of sheet metal.



PROFESSIONAL
More abrasive cloth and an even pressure ratio due to the double row design.



HERO
Highest abrasive density combined with extreme¬ flexibility of the abrasive stocking.

BELTS

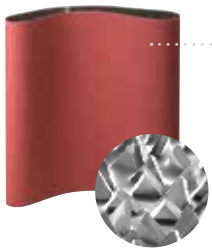
FOR DEBURRING



3M™ CUBITRON™ II CLOTH BELT 384F

3M™ Cloth Belt 384F is a general purpose, premium aluminium oxide cloth belt with an extra durable backing. Our belts feature fast-cutting abrasive grains that are resin-bonded to a durable X-weight polyester cloth backing. They are recommended for use on metal substrates and wood.

- Consistent, reliable performance on all substrates.
- Waterproof backing holds up for wet and dry applications.
- X-weight cloth backing withstands heavy sanding and grinding.
- Withstands high heat and pressure.
- Suitable for use on a backstand or benchtop belt sander, and for stroke sanding, portable belt grinding, and wide belt grinding and finishing.
- Choose from grades 36+ to 220+, and P320 - P400.



3M™ CUBITRON™ II CLOTH BELT 784F

3M™ Cubitron™ II Cloth Belt 784F features 3M Precision Shaped Grain. Our cloth belts are a precise mix of shaped ceramic and premium aluminium oxide. They have a flexible J-weight cotton backing and open coat construction.
The belts also feature a waterproof backing and grinding aid.
Precision-Shaped Grain wears evenly to provide exceptional durability with remarkable consistency. As the grain wears, it continuously fractures to form sharp points and edges that slice cleanly through the material.

- Up to two times longer life than comparable aluminium oxide belts, resists deterioration from heat.
- Consistent, faster results on medium pressure applications.
- Conformable for grinding and blending both straight and contoured surfaces.
- Grinding aid cools abrasive processes on heat-sensitive alloys.
- Suitable for wet and dry applications on all metals.
- For optimal durability and price value, YF weight polyester backing is used for Grades 36-80, while lighter XF weight polyester backing is used for Grades 120-180.
- Durable resin bond resists deterioration from heat, extending the life of the abrasive cloth.



3M™ CUBITRON™ II CLOTH BELT 984F

3M™ Cubitron™ II Cloth Belts 984F offer revolutionary performance with 3M Precision Shaped Grain that slices clean through metal. Our 984F belts contain a grinding aid, making it ideal for medium to high pressure applications. Precision-Shaped Grain wears evenly to provide exceptional durability with remarkable consistency. As the grain wears, it continuously fractures to form sharp points and edges that slice cleanly through the material.

- Minimise operator fatigue as 3M Precision Shaped Grain requires less grinding pressure.
- Cool running temperature reduces risk of discolouration and heat related stress cracks.
- 3M Precision Shaped Grain fractures into self-sharpening points, cutting exceptionally fast and increasing productivity.
- Belt life is increased, meaning more parts per belt for less belt changes.
- YF-weight backing is ideal for medium to high pressure stainless steel, cobalt chrome and nickel alloy applications.

FOR FINISHING



3M™ CLOTH BELT 461F*

3M™ Cloth Belt 461F is constructed of sharp silicon carbide abrasive that fractures easily and consistently produces an excellent finish for the duration of the belt life. This resin-bonded cloth belt gives you flexibility, durability, and consistent performance for grinding, blending, deburring, and finishing on all metals.

* The best solution for deburring and finishing of aluminium.

- Sharp silicon carbide mineral cuts faster than aluminium oxide and produces a consistent finish.
- Tough, water-resistant polyester backing supports wet or dry applications from heavy-duty grinding to fine finishing without tearing or nicking.
- Cloth backing provides flexibility.
- Heat-resistant resin coating bonds abrasive to backing for durability under pressure, heat, and water.
- Use on backstands for grinding and finishing applications.



SCOTCH-BRITE™ SURFACE CONDITIONING LOW STRETCH BELT SC-BL

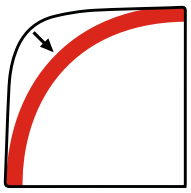
For cleaning, finishing and light deburring use our durable and flexible Scotch-Brite™ Surface Conditioning Low Stretch Belt. Our belts offer effective cutting, while avoiding damage to substrates and are ideal for use on contoured and uneven surfaces. The belts perform best on steel, stainless steel, carbon, titanium, nickel alloys and may be used on aluminium, copper, brass and soft non-ferrous metals. They're available in a wide range designed to suit a variety of different applications. Scotch-Brite Surface Conditioning Low Stretch belts are engineered with aluminium oxide and silicon carbide minerals.

- Provides beautiful and consistent finish.
- Long life.
- Resists loading.
- Very forgiving.
- Low-stretch reinforced backing keeps the abrasive side taut and firm as it abrades the surface.
- Stretch-resistant backing.

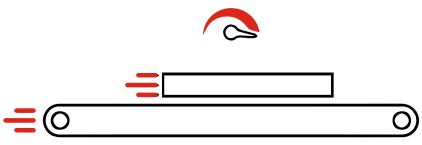
THE NEXT GENERATION BRUSHES



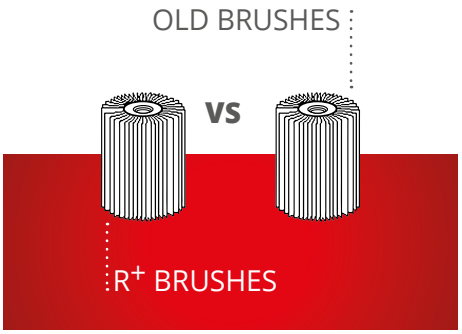
TO DOUBLE YOUR PRODUCTIVITY



DOUBLE THE RADIUS



DOUBLE THE FEEDING SPEED

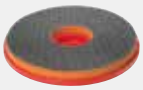
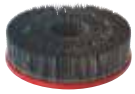
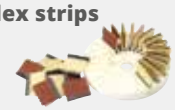


WITH THE SAME HIGH LIFETIME

10
series

TIMESAVERS ORIGINALS OVERVIEW
BRUSHES

We offer various brush types for Timesavers 10 series machines, brushes for allround use and various materials up to and including brushes for optimal results on specific material.

BRUSH TYPE	GRIT #	DIMENSION	ITEM NUMBER	APPLICATION	DELIVERY TIME
Media holder 	Hard Medium Hard Medium	Ø 150 mm Ø 150 mm Ø 162 mm Ø 162 mm	00809000 00809001 00809002 00809003	Holder for pads. Hard for the removal of hard burrs. Medium for the removal of other (various) burrs.	2 weeks
Grinding pad 	# 80 # 120 # 80 # 120	Ø 150 mm Ø 150 mm Ø 162 mm Ø 162 mm	00809100 00809200 00809110 00809210	Pregrinding, primary burr removal. Increased grinding results.	2 weeks
Scotch-Brite® pad 	# 180 # 280 # 180 # 280	Ø 150 mm Ø 150 mm Ø 162 mm Ø 162 mm	00809300 00809400 00809320 00809420	Pregrinding, light deburring and finish grinding. Increased grinding results.	2 weeks
HERO 	# 80	Ø 150 mm Ø 162 mm	00809500 00809510	Primary and secondary burrs + strong edge roundings. Increased grinding results.	2 weeks
Aluminium Oxide 	# 80	M: Ø 150 mm L: Ø 162 mm	00809600 00809310	Deburring and edge rounding of various metals. Increased grinding results.	2 weeks
Silicon carbide 	# 80	M: Ø 150 mm L: Ø 162 mm	00809800 00809910	Edge rounding and fine surface pattern for aluminium and plastic. Increased grinding results.	2 weeks
Hammerhead 		Ø 150 mm Ø 162 mm	00809900 00816100	Removing slag/dross. Increased deslagging results.	2 weeks
Metal wire brush 		Ø 150 mm	00810600	Removal of oxide layers.	2 weeks
Aluminium Oxide flex strips 	Per MG brush strip	Ø 150 mm Ø 150 mm	00812000 00812100	Deburring and edge rounding of (galvanized) thin plates and parts. (23 strips per disc)	2 weeks



Requests & orders: service@timesaversint.com | www.timesaversint.com
Please mention your machine serial number with your request or order.

Only Use Timesavers Originals Spare Parts For The Best Results Every Time.

TIMESAVERS ORIGINALS OVERVIEW
R+ BRUSHES

12
RB series

We offer various brush types for the 12 RB series, brushes for allround use and various materials up to and including brushes for optimal results on specific material.

BRUSH TYPE	GRIT #	ITEM NUMBER	APPLICATION	DELIVERY TIME
Aluminium Oxide 	# 60 - 5&5 mm # 80 - 5&5 mm # 100 - 3&5 mm # 100 - 5&5 mm # 120 - 3&5 mm # 120 - 5&5 mm # 180 - 3&5 mm	59975121AO55060 59975121AO55080 59975121AO35100 59975121AO55100 59975121AO35120 59975121AO55120 59975121AO35180	Medium edge rounding and surface finishing of steel, aluminium and stainless steel. 3x5 mm flaps for parts with small inserts and 5x5 mm for larger parts.	2 weeks on stock on stock on stock on stock on stock on stock
Silicon Carbide 	# 180 - 3&5 mm # 180 - 5&5 mm	59975121SC35180 59975121SC55180	Medium edge rounding and surface finishing of aluminium. 3x5 mm flaps for parts with small inserts and 5x5 mm for larger parts.	on stock 2 weeks
Cross Flex Aluminium Oxide 	# 80 - 5&5 mm # 120 - 5&5 mm # 180 - 5&5 mm # 240 - 5&5 mm	59965126AO55080 59965126AO55120 59965126AO55180 59965126AO55240	Non-directional finish and removal of milling marks for all types of metal.	2 weeks on stock on stock 2 weeks
Ceramic 	# 60 - 5&5 mm # 80 - 5&5 mm # 80 - 9&9 mm # 120 - 3&5 mm # 120 - 5&5 mm # 120 - 9&9 mm # 180 - 3&5 mm # 180 - 5&5 mm	59975125CE99060 59975121CE55080 59975125CE99080 59975121CE35120 59975121CE55120 59975125CE99120 59975121CE35180 59975121CE55180	Extreme deburring and edge rounding. 3x5 mm flaps for parts with small inserts and 5x5 mm for larger parts. 9x9 mm is used for even more rounding of outside edges.	on stock on stock 2 weeks on stock on stock on stock on stock on stock
Metal wire brush 	Adjustable	599754340000000	Adjustable brush for optimal oxide skin removal.	on stock
Flange assembly 	Front Back	00816300 00816200	Front flange 1 piece Back flange 1 piece (Free of charge with purchase of a brush)	on stock on stock



Requests & orders: service@timesaversint.com | www.timesaversint.com
Please mention your machine serial number with your request or order.

Only Use Timesavers Originals Spare Parts For The Best Results Every Time.

22/32

RB series

TIMESAVERS ORIGINALS OVERVIEW
BRUSHES

We offer various brush types for the 22 RB series or the 32 RB series ordered before July 2021, brushes for allround use and various materials up to and including brushes for optimal results on specific material.

Note! Suitable for 32 RB machine serial numbers:

2598-XX RB version before July 2021
2592-XX RBW version before July 2021
2575-XX WRB version before July 2021
2587-XX WRBW version before July 2021

BRUSH TYPE	GRIT #	ITEM NUMBER	APPLICATION	DELIVERY TIME
Aluminium Oxide 	# 80 - 3&5 mm # 100 - 3&5 mm # 120 - 3&5 mm # 180 - 3&5 mm	59943111AO35080 59943111AO35100 59943111AO35120 59943111AO35180	Medium edge rounding and surface finishing of steel, aluminium and stainless steel.	on stock on stock on stock on stock
Silicon Carbide 	# 180 - 3&5 mm # 180 - 5&5 mm	59943111SC35180 59975121SC55180	Medium edge rounding and surface finishing for aluminium.	2 weeks
Cross flex Aluminium Oxide 	# 80 - 3&5 mm # 120 - 3&5 mm # 180 - 3&5 mm # 240 - 3&5 mm	59943111AO35080 59943111AO35120 59943111AO35180 59943111AO35240	Non-directional finish and removal of milling marks for all types of metal.	2 weeks 2 weeks 2 weeks
Ceramic 	# 60 - 5&5 mm # 80 - 5&5 mm # 120 - 5&5 mm	59943111CE55060 59943111CE55080 59943111CE55120	Heavy deburring and edge rounding.	on stock on stock on stock
Metal wire brush 	Non adjustable Adjustable	599434330000000 599434340000000	Brush for optimal oxide skin removal.	on stock on stock
Flange assembly 		460623	4 x flanges, 16 x bolts. 1 set contains: 4 x flanges, 16 x bolts. (set is free of charge with purchase of a brush set).	on stock



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TIMESAVERS ORIGINALS OVERVIEW
R+ BRUSHES

We offer various brush types for the new 32 RB series, brushes for allround use and various materials up to and including brushes for optimal results on specific material.

Note! Suitable for 32 RB series machine serial numbers:
2633-XX RB version after July 2021
2632-XX WRB version after July 2021
2626-XX WRBW version after July 2021
2635-XX HWRB version 2022

BRUSH TYPE	GRIT #	ITEM NUMBER	APPLICATION	DELIVERY TIME
Aluminium Oxide 	# 60 - 5&5 mm # 80 - 5&5 mm # 100 - 3&5 mm # 100 - 5&5 mm # 120 - 3&5 mm # 120 - 5&5 mm # 180 - 3&5 mm	59975121AO55060 59975121AO55080 59975121AO35100 59975121AO55100 59975121AO35120 59975121AO55120 59975121AO35180	Medium edge rounding and surface finishing of steel, aluminium and stainless steel. 3x5 mm flaps for parts with small inserts and 5x5 mm for larger parts.	2 weeks on stock on stock on stock on stock on stock 2 weeks
Silicon Carbide 	# 180 - 3&5 mm # 180 - 5&5 mm	59975121SC35180 59975121SC55180	Medium edge rounding and surface finishing for aluminium. 3x5 mm flaps for parts with small inserts and 5x5 mm for larger parts.	on stock 2 weeks
Cross Flex Aluminium Oxide 	# 80 - 5&5 mm # 120 - 5&5 mm # 180 - 5&5 mm # 240 - 5&5 mm	59965126AO55080 59965126AO55120 59965126AO55180 59965126AO55240	Non-directional finish and removal of milling marks for all types of metal.	2 weeks on stock on stock 2 weeks
Ceramic 	# 60 - 5&5 mm # 80 - 5&5 mm # 80 - 9&9 mm # 120 - 3&5 mm # 120 - 5&5 mm # 120 - 9&9 mm # 180 - 3&5 mm # 180 - 5&5 mm	59975125CE99060 59975121CE55080 59975125CE99080 59975121CE35120 59975121CE55120 59975125CE99120 59975121CE35180 59975121CE55180	Extreme deburring and edge rounding. 3x5 mm flaps for parts with small inserts and 5x5 mm for larger parts. 9x9 mm is used for even more rounding of outside edges.	on stock on stock 2 weeks on stock on stock on stock on stock on stock
Metal wire brush 	Adjustable	599754340000000	Adjustable brush for optimal oxide skin removal.	on stock
Hammerhead 	Module (incl. 9 pins) Hammerhead pin	461530 02209600	Hammerhead for heavy slag removal. The complete Hammerhead unit. contains: 24 modules / 216 pins.	on stock on stock
Flange assembly 	Set (Front & Back) Front Back	00816400 00816300 00816200	1 set contains; 4 x Front and 4 x Back flanges and 4 colour plugs (set is free of charge with purchase of a brush set). Front flange 1 piece Back flange 1 piece	on stock on stock on stock



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42

RB series

TIMESAVERS ORIGINALS OVERVIEW
R+ BRUSHES

We offer various brush types for the 42 RB series, brushes for allround use and various materials up to and including brushes for optimal results on specific material.

Note! For brushes for 42 RB series with a working width of 1350 mm and 1600 mm.

BRUSH TYPE	GRIT #	ITEM NUMBER	APPLICATION	DELIVERY TIME
Aluminium Oxide 	# 60 - 5&5 mm # 80 - 5&5 mm # 100 - 3&5 mm # 100 - 5&5 mm # 120 - 3&5 mm # 120 - 5&5 mm # 180 - 3&5 mm	59975121AO55060 59975121AO55080 59975121AO35100 59975121AO55100 59975121AO35120 59975121AO55120 59975121AO35180	Medium edge rounding and surface finishing of steel, aluminium and stainless steel. 3x5 mm flaps for parts with small inserts and 5x5 mm for larger parts.	2 weeks on stock on stock on stock on stock on stock on stock
Silicon Carbide 	# 180 - 3&5 mm # 180 - 5&5 mm	59975121SC35180 59975121SC55180	Medium edge rounding and surface finishing of aluminium. 3x5 mm flaps for parts with small inserts and 5x5 mm for larger parts.	on stock 2 weeks
Cross Flex Aluminium Oxide 	# 80 - 5&5 mm # 120 - 5&5 mm # 180 - 5&5 mm # 240 - 5&5 mm	59965126AO55080 59965126AO55120 59965126AO55180 59965126AO55240	Non-directional finish and removal of milling marks for all types of metal.	2 weeks on stock on stock 2 weeks
Ceramic 	# 60 - 5&5 mm # 80 - 5&5 mm # 80 - 9&9 mm # 120 - 3&5 mm # 120 - 5&5 mm # 120 - 9&9 mm # 180 - 3&5 mm # 180 - 5&5 mm	59975125CE99060 59975121CE55080 59975125CE99080 59975121CE35120 59975121CE55120 59975125CE99120 59975121CE35180 59975121CE55180	Extreme deburring and edge rounding. 3x5 mm flaps for parts with small inserts and 5x5 mm for larger parts. 9x9 mm is used for even more rounding of outside edges.	on stock on stock 2 weeks on stock on stock on stock on stock on stock
Metal wire brush 	Adjustable	599754340000000	Adjustable brush for optimal oxide skin removal.	on stock
Hammerhead 	Module (incl. 9 pins) Hammerhead pin	461530 02209600	Hammerhead for heavy slag removal. The complete Hammerhead unit. contains: 30 modules / 270 pins.	on stock on stock
Flange assembly 	Set (Front & Back) Front Back	00816500 00816300 00816200	1 set contains; 8 x Front and 8 x Back flanges and colour plugs in 4 colours plugs (set is free of charge with purchase of a brush set) Front flange 1 piece Back flange 1 piece	on stock on stock on stock



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TIMESAVERS ORIGINALS OVERVIEW
BRUSHES

42
RB series

We offer various brush types for Timesavers 42 RB series machines, brushes for allround use and various materials up to and including brushes for optimal results on specific material.

BRUSH TYPE	GRIT #	ITEM NUMBER	APPLICATION	DELIVERY TIME
Aluminium Oxide 	# 80	00831400	Removing light primary and secondary burrs as well as edge rounding of sheet metal. Can be used on any type of sheet metal.	2 weeks
Aluminium Oxide Cubitron II 	# 80	00830600	Removing light primary and secondary burrs as well as edge rounding of sheet metal. Can be used on any type of sheet metal. More aggressive then standard version.	2 weeks
Aluminium Oxide Plus pro 	# 80	00830500	Removing light primary and secondary burrs as well as edge rounding of sheet metal. Can be used on any type of sheet metal. More abrasive cloth and an even pressure ratio due to the double row design.	2 weeks
Gold Oxide 	# 80	00831300	The gold edition is ideal for deburring outside edges of sheet metal. A longlife and a strong edge rounding is achieved by an extremely hard and tough scotch in combination with abrasive cloth.	2 weeks
Ceramic 	# 80	00831000	This edition uses ceramic abrasive cloth. This has the highest aggressiveness and is mainly used for strong edge rounding.	2 weeks
Ceramic Plus 	# 80	00831100	This edition uses ceramic abrasive cloth. This has the highest aggressiveness and is mainly used for strong edge rounding. More abrasive cloth and an even pressure ratio due to the double row design.	2 weeks
HERO 	# 80	00831200	Highest abrasive density combined with extreme flexibility of the abrasive stocking.	2 weeks
Hammerhead 	nnb	00831600	The Hammerhead is used for heavy slag removal.	2 weeks
Quick release fastener 	nnb	00830900	Holder for Quick release brushes.	2 weeks
Hook wrench 	nnb	00830800	Tool for removing or tightening quick release discs.	2 weeks



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TIMESAVERS ORIGINALS OVERVIEW

BRUSH HOLDERS

In order to keep the workplace organised, we offer brush holders in various sizes as a convenient storage place. We recommend these holders to anyone who uses multiple sets of brushes for applications or different metals.

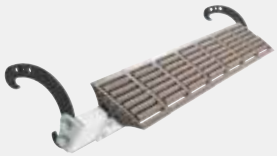
DESCRIPTION	AMOUNT OF HOLDERS	SERIES	ITEM NUMBER	DELIVERY TIME
Brush trolley 	Brush holder for 8 brushes, especially designed for R+ Brushes 530 mm x 350 mm.	32 RB series after July 2021 42 RB series	460326	8 weeks
Wall mount brush holder 	Brush holder for 28 brushes. Suitable for brushes on the 22 RB or the 32 RB machines ordered before July 2021. The brush holders can be bought in rows of 4 holders.	22 RB series 32 RB series before July 2021	465495	8 weeks
Wall mount brush holder 	Brush holder for 4 brushes. Suitable for brushes on the 22 RB or the 32 RB machines ordered before July 2021.	22 RB series 32 RB series before July 2021	482179	8 weeks
Wall mount brush holder 	Brush holder for 48 brushes. Suitable for 42 RB and 32 RB brushes. The brush holders can be bought in rows of 8 holders.		465454	8 weeks
Wall mount brush holder 	Brush holder for 8 brushes. Suitable for 42 RB and 32 RB brushes.		482022	8 weeks

TIMESAVERS ORIGINALS

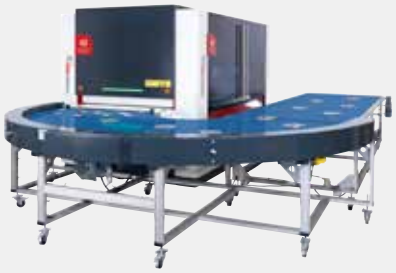
HANDLING

Timesavers also offers solutions that enhance the performance of the machine and ease of use for the machine operator.

TABLES







Looking for even more efficiency? Timesavers buffer and return tables are excellent for one machine operator. The processed parts are gathered at the end of the machine or brought back to the front.

DUST EXTRACTOR





ABSAUGWERK



Powerful dust extraction is essential for the safety and health of employees, as well as the performance of the machine. With the extraction units from Timesavers' partner Absaugwerk GmbH, you can be assured of clean air.

BRUSH HOLDERS





Multiple sets of rotary brushes for applications or stock? Consider a brush holder to store your brushes in an orderly fashion. Recommended for the 22 RB series, 32 RB series and 42 RB series.

TIMESAVERS ORIGINALS OVERVIEW

OUTFEED TABLE

This table is an extension of the in- and/or outfeed tables, designed to improve the efficiency and flexibility of the Timesavers machines during the process of loading and unloading.



When loading the machine with metal products, there is often no one who takes out the processed ones. An outfeed table assures the parts will be gathered when processed and can be collected when desired. The operator does not have to walk to the back of the machine and can continue feeding parts, which saves time and increases productivity.

Benefits

- Process more products on the machine.
- Suitable for small and larger parts.
- Table is on wheels, can be moved easily.
- Improve operators efficiency.
- When not required (or for maintenance) table can be unhooked from machine and relocated.
- Foldaway stopper for longer products.
- Durable table construction.
- Strong rollers belt with a long lifetime.



Restrictions:

- Max. load per m^2; up to 100 kg.
- Min. dimensions parts 50 x 50 mm.
- Table height: 850 mm.

Machine preparation





SERIES	SIZES	DELIVERY TIME
22 600 RB series*	1000 x 600 x 850 mm	12 weeks
	2000 x 600 x 850 mm	12 weeks
	2000 x 600 x 850 mm height adjustable	12 weeks
32 1100 RB series*	1000 x 1100 x 850 mm	12 weeks
	2000 x 1100 x 850 mm	12 weeks
	2000 x 1100 x 850 mm height adjustable	12 weeks
42 1350 RB series*	1000 x 1350 x 850 mm	12 weeks
	2000 x 1350 x 850 mm	12 weeks
	2000 x 1350 x 850 mm height adjustable	12 weeks
42 1525 RB series*	1000 x 1600 x 850 mm	12 weeks
	2000 x 1600 x 850 mm	12 weeks
	2000 x 1600 x 850 mm height adjustable	12 weeks
42 1600 RB series*	1000 x 1600 x 850 mm	12 weeks
	2000 x 1600 x 850 mm	12 weeks
	2000 x 1600 x 850 mm height adjustable	12 weeks

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TIMESAVERS ORIGINALS OVERVIEW

RETURN TABLE

A return table makes it possible to have one machine operator, because the parts will be brought back to the front of the machine.



Motorised execution
180˚ right curve directly out of machine + straight table length back to the frontside of machine.

Standalone installation
Speed of conveyor can be separately adjusted on cabinet at end of table.
Emergency on/off buttons on table are connected to machine's buttons. It is possible for existing machines too, on request.

Benefits
- Process more products in the same time.
- Increases operators' efficiency, because he can stay at one place and continue feeding parts.
- Durable construction. Aluminium enforced carriage.
- Strong conveyor belt. Low maintenance and long lifetime.



Restrictions:
- Max load per m^2; up to 100 kg.
- Standard machine opening 0 - 20 mm. Machine with constant pass 0 - 100 mm.
- Straight table with curve; 180˚ to front of machine (incl. front table).
- Belt speed: 0.5 - 8 m/min (incl. drive motor).
- Table height: 900 mm.
- Material with a thickness of more than 20 mm requires a constant working height.



Machine preparation







SERIES	SIZES	DELIVERY TIME
22 600 WRB*	2500 x 600 x 850 mm	20 weeks
22 600 WRBW**	3000 x 600 x 850 mm	20 weeks
32 1100 RB*	2500 x 1100 x 850 mm	20 weeks
32 1100 WRB/RBW/WRBW/RBW/ HWRB**	3000 x 1100 x 850 mm	20 weeks
42 1350 RB*	4000 x 1350 x 850 mm	20 weeks
42 1350 WRB/WRBW/ WWRBW/ RBW/HWRB**	4500 x 1350 x 850 mm	20 weeks
42 1525 RB*	4000 x 1550 x 850 mm	20 weeks
42 1525 WRB/WRBW/HWRB**	4500 x 1550 x 850 mm	20 weeks
42 1600 RB*	4000 x 1550 x 850 mm	20 weeks
42 1600 WRB/WRBW/HWRB**	4500 x 1550 x 850 mm	20 weeks

* other executions required if machine equipped with; constant pass, conveyor cleaning brush, mirrored execution
** machine preparation executed for conveyor cleaning brush execution

TIMESAVERS ORIGINALS OVERVIEW

DUST EXTRACTOR

Dust, sparks and gases arise during the deburring process, thus it is important to maintain a dust free working environment to protect the health of employees and increase the service life of machinery.



Wet separators of the Serie B have been specially designed for the separation of materials, which during processing produce flying sparks, are flammable or even explosive (ATEX).

The Serie B has a revolutionary flow technology with a 50% higher suction power and maximum separation efficiency with low energy and water consumption.

The interior of the system is easily accessible via four inspection openings and saves valuable time in cleaning and maintenance. The innovative technology is also reflected in the design and is unique in the industry.

UNIT COMPONENTS

Filter

- Cleanable stainless-steel metal mesh.
- Multiple filter stages for maximum degree of separation.
- Robust quality filters.
- Long filter service lifetime.

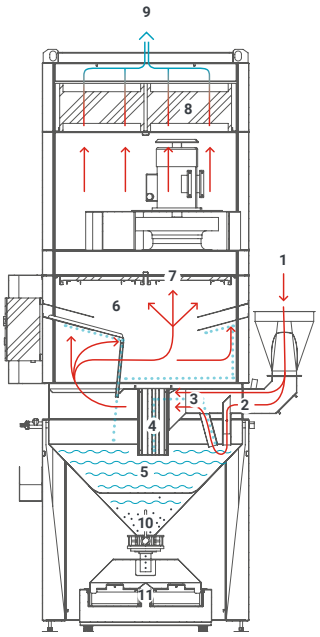
OPTIONS & CONFIGURATIONS

- ATEX-/fire protection execution needed when processing aluminium.
- HEPA H14 filter for fine, toxic and hazardous dust particles.
- Pinch valve.
- Versatile noise protection by means of galvanized silencer.
- Ducting between extractor and machine.

OPTIONS FOR DISCHARGE

- Discharge hose.
- Containers in different sizes depending on type of extraction unit.





1. SUCTION NOZZLE
   Dust and chips from the air are sucked in.
2. BAFFLE PLATE
   The substances are directed downwards over a baffle into the water. 25% of the air flow moves upwards.
3. WATER WALL
   The negative pressure causes the water to be sucked upwards.
4. A wall of water is formed which binds the residual dust.
5. LAMELLA PRE-SEPARATOR
   The air continues to flow through a pre-separator. The special shape of the lamellas separates the air from the water.
6. CONE
   The substances bound in the water settle to the bottom of the cone. Rounded corners prevent deposits.
7. CALM CHAMBER
   The residual water is intercepted in a stilling chamber via two baffle plates and fed into the cone.
8. FILTER STAGE I
   Any remaining small particles and residual moisture are separated by a stainless-steel metal mesh.
9. FILTER STAGE II
   For carcinogenic substances in recirculation mode, an additional HEPA H14 filter is used.
10. BLOW OUT
    The cleaned air is now led back into the hall or outside.
11. BUTTERLFY VALVE
    Sludge and water can be quickly drained off via a large butterfly valve (Ø 100 mm).
12. DISCHARGE
    The sludge can be disposed of easily via an individual discharge system.

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TIMESAVERS ORIGINALS OVERVIEW

DUST EXTRACTOR

Find the right dust extractor to accompany your Timesavers machine. In case your dust extractor is not located nearby (6 m) your machine, please contact us for custom advice.

This data is based on Absaugwerk dust extractors.

SERIES	HEAD	DUST EXTRACTOR	300 MM	600 MM	900 MM	1050 MM	1100 MM	1280 MM	1525 MM
10	MG	Serie B 2000 3 kW	-	-	-	-	-	✓	-
12	W	Serie B 1000 1,1 kW	-	✓	-	-	-	-	-
12	WW	Serie B 2000 2,2 kW	-	✓	-	-	-	-	-
12	WB	Serie B 2000 2,2 kW	-	✓	-	-	-	-	-
12	WRBW	Serie B 2000 3 kW	✓	✓	-	-	-	-	-
22	H	Serie B 2000 2,2 kW	-	✓	✓	-	-	-	-
22	W	Serie B 2000 2,2 kW	-	-	✓	-	-	-	-
22	W	Serie B 3000 4 kW	-	-	-	✓	-	-	-
22	W	Serie B 3000 4 kW	-	-	-	-	-	✓	-
22	WB	Serie B 3000 4 kW	-	-	✓	-	-	-	-
22	WW	Serie B 3000 4 kW	-	-	-	✓	-	-	-
22	WW	Serie B 3000 5,5 kW	-	-	-	-	-	✓	-
22	WWB	Serie B 3000 4 kW	-	-	✓	-	-	-	-
22	WWB	Serie B 3000 7,5 kW	-	-	-	✓	-	-	-
22	WMD	Serie B 2000 2,2 kW	-	-	✓	-	-	-	-
22	WMDMD	Serie B 3000 4 kW	-	-	✓	✓	-	-	-
22	WRB	Serie B 2000 3 kW	-	✓	-	-	-	-	-
22	WRBW	Serie B 2000 3 kW	-	✓	-	-	-	-	-
32	RB	Serie B 3000 4 kW	-	-	-	-	✓	-	-
32	WRB	Serie B 3000 4 kW	-	-	-	-	✓	-	-
32	WRBW	Serie B 3000 7,5 kW	-	-	-	-	✓	-	-
42	RB	Serie B 3000 4 kW	-	-	-	-	-	-	✓
42	WRB	Serie B 3000 5,5 kW	-	-	-	-	-	-	✓
42	RBW	Serie B 3000 5,5 kW	-	-	-	-	-	-	✓
42	WRBW	Serie B 3000 7,5 kW	-	-	-	-	-	-	✓
42	WWRBW	Serie B 4000 15 kW	-	-	-	-	-	-	✓
42	WTB	Serie B 3000 4 kW	-	-	-	-	-	-	✓
42	WTBTB	Serie B 3000 4 kW	-	-	-	-	-	-	✓
42	WTBW	Serie B 3000 5,5 kW	-	-	-	-	-	-	✓
42	WTBRB	Serie B 3000 5,5 kW	-	-	-	-	-	-	✓
42	WTBRBW	Serie B 3000 7,5 kW	-	-	-	-	-	-	✓
42	WTBTBRB	Serie B 3000 5,5 kW	-	-	-	-	-	-	✓
42	TBWRB	Serie B 3000 5,5 kW	-	-	-	-	-	-	✓
42	TBWTB	Serie B 3000 4 kW	-	-	-	-	-	-	✓
42	TBWTBRB	Serie B 3000 5,5 kW	-	-	-	-	-	-	✓

TIMESAVERS ORIGINALS OVERVIEW

MACHINE CLEANING

Cleaning the conveyor belt from dust is crucial for safety, optimal performance and quality. It makes sure that your products are kept in place during grinding, leading to consistent deburring results.
Regular cleaning minimises downtime, maximises productivity and contributes to a more efficient process.



Super Foam
A unique foam cleaner and degreaser that quickly and efficiently cleans glass and other hard surfaces, like the doors and outside of the machine. Removes grease, dirt, nicotine, soot, tar and other contamination.
Use a white, reusable microfiber cloth for Cleaning Foam.

- Green World cleaning product.
- Very easy to use and works anti-static.
- Leaves no residue, does not run and dries streak-free.
- White cloth for cleaning windows without leaving stripes.



Surface Duo Clean
A cleaning product consisting of water-based and effective surfactants with renewable fruit oils. Use a brush for large amounts of oil and grease. The product is safe on most substrates such as steel, stainless steel, aluminium etc. It cleans highly efficient surfaces of grease and oil (even burnt oil), pastes, graphite, rubber, bitumen, wax, proteins and other food industry residues.

- Environmentally friendly.
- Combines the benefits of both water and solvent based cleaners.
- Perfect replacement for traditional solvents and petroleum-based cleaning agents.
- 0% VOC and NSF classified.
- Required: Spray Bottle 1L.
- Blue cloth for cleaning oily and dirty surfaces.

Refillable Spray Bottle
A 3 bar pressure, refillable spray can for Duo Clean. Fills up to 1L with Duo Clean. Chemically and mechanically very durable with service intervals of up to 2 years.

- Adjustable nozzle: spray and concentrated jet.
- Label for legal and proper identification and marking.

Scan the QR code to watch the video on how to clean the conveyor belt.

Timesavers cleaning belt
This durable belt is available in multiple sizes to fit the contact roller of each Timesavers RB machine.

- Soft, non woven fibers.
- Cleans surfaces gently, but thoroughly.
- No damage to surfaces.
- Long life.

PRODUCTS	SIZES	ITEM NUMBER	MOQ Minimal Order Quantity	DELIVERY TIME
Cleaning belt 12 RB series	330 x 1900 mm	007315900005	2	6 weeks
Cleaning belt 22 RB series	630 x 1900 mm	00731900005	2	6 weeks
Cleaning belt 32 RB series	1130 x 1900 mm	00733900005	2	6 weeks
Cleaning belt 42 1350 RB series	1380 x 1900 mm	00735900005	2	6 weeks
Cleaning belt 42 1525 RB series	1555 x 2150 mm	007413900005	2	6 weeks
Cleaning belt 42 1600 RB series	1630 x 2150 mm	007411900005	2	6 weeks
Refillable Spray Bottle	1L	00149603	1	On stock
Surface Duo Clean box 5L	5L	00149601	1	On stock
Surface Duo Clean box 15L	15L	00149602	1	On stock
Faucet Surface Clean box	5/15L	00149604	1	On stock
Micro Max cloth (blue)	35 x 40 cm	00149606	5	On stock
Cleaning Foam spray can	500 ml	00149605	5	On stock
Micro Glass cloth (white)	40 x 40 cm	00149607	5	On stock

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NOTES





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