



Der Standard Bandsäge Maschine für jedes Palettenwerk und alle Paletten. Paletten komplett zerlegen und/oder einzelne kaputte Teile entfernen.



Abmessung (LxBxH): 3230 x 1850 x 1400 mm
Maximale Durchfuhr: 1500 x 180 mm
Gewicht: 1600 kg
Installierte Leistung: 8,6 kW
Elektro-Anschluss: 380 Volt, 32 Amp



Bild 1

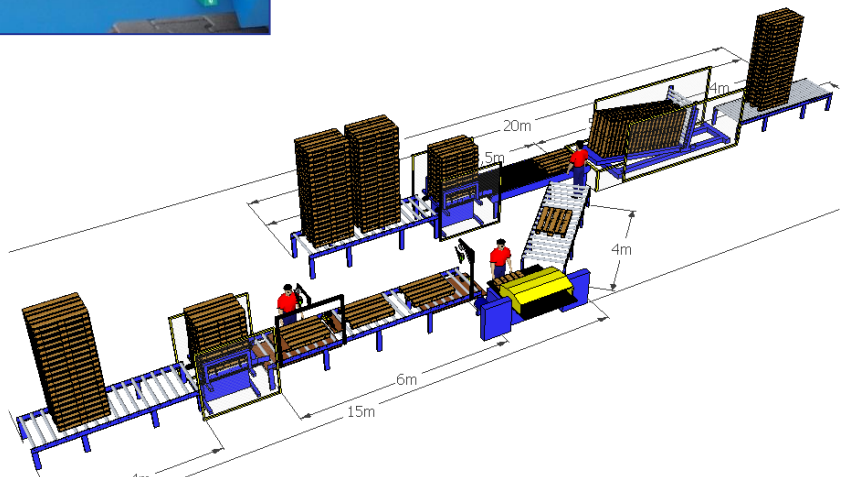


Bild 3

PalletSaw Typ-W

Seit 1993 schon fast 600 Maschinen weltweit geliefert. Eigenständig oder in Reparaturanlagen zu verwenden.

- CE geprüft durch eine Notified Body (SKH).
- Geschwindigkeit der Säge Tisch ist stufenlos verstellbar.
- Ihre Paletten durch den Maschine Drücken oder Ziehen, beides ist möglich.
- Größere mit Gummi beschichtete Räder für weniger Lärm und längere Standzeit der Bandsägeblätter (Bild 1).
- Zwei anschlusspunkte für Staubabsaugung.
- Stabile dauerhafte galvanisierte Teile wie zum Beispiel Sägeführung (Bild 2).
- 50-75 Paletten pro Stunde sind zu bearbeiten.
- 20 -40 Paletten komplett zerlegen.
- Ohne besondere Einrichtungen hin zu stellen und zu installieren.





Optionen PalletSaw Typ – W



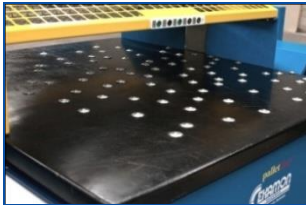
1. Kamera und Monitor

Bandsäge und Palette sind über ein Kamera sichtbar auf dem Monitor. Hierdurch ist eine genaue Einstellung der Schnitthöhe möglich.



2. Vorwahltasten mit Höhe-Einstellung

Die gewünschte Höhe ist einfach und schnell einzustellen durch 3 Vorwahltasten.



3. Kegelrollen im Tisch

Paletten noch einfacher und leichter sägen durch Kegelrollen in der Säge Tisch.



4. Drei Rollen entlang des Tisches

Paletten einfach und leicht auf den Säge Tisch ziehen mit drei Rollen entlang der Säge Tisch.



5. Öffnung im Säge Tisch

Entfernte Teile werden gleich entsorgt und gute Bretter gehen mit ein Bandförderer (Option) nach einer Kurzsäge. Mit ein sauberen Tisch kann schneller gearbeitet werden.



6. Anschluss für Staubabsaugung

Staub kann mit eine Absauganlage (Option) entfernt werden.

1. Die Cekamon PalletSaw wird standard mit ein staub Absauganschlusspunkt geliefert.
2. Der Anschlusspunkt oben auf der gelbe Kappe ist ein option.



Absauganlage MD 60

RIEDEX DUST EXTRACTION SYSTEMS

Extraction systems for woodworking machinery

MD-90

VACUUM EXTRACTION UNIT – CAPACITY: 3450 M³/HOUR



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**RIEDEX**
DUST EXTRACTION SYSTEMS

The MD-90 belongs to a new generation of extraction systems for woodworking machinery – the MD series. Riedex is setting a new standard in wood dust extraction systems with the introduction of its new MD-series. These units are **unique** thanks to:

- **low-noise emission levels**
- **a large filtration surface resulting in longer up-time**
- **ultra-fast start-up, ideal for automatic switching in unison with other machinery**
- **variable power consumption depending on the number of open shutters, without the need for a frequency regulator, thus savings without any additional costs**
- **effective filter cleaning (no compressed air connection required)**
- **constant suction due to use of fans with horizontal volume/pressure curve**

Benefits for the user include:

- **guaranteed minimal exposure to wood dust and noise**
- **power consumption savings**
- **improved workplace comfort**
- **compliance with government and insurance company requirements**

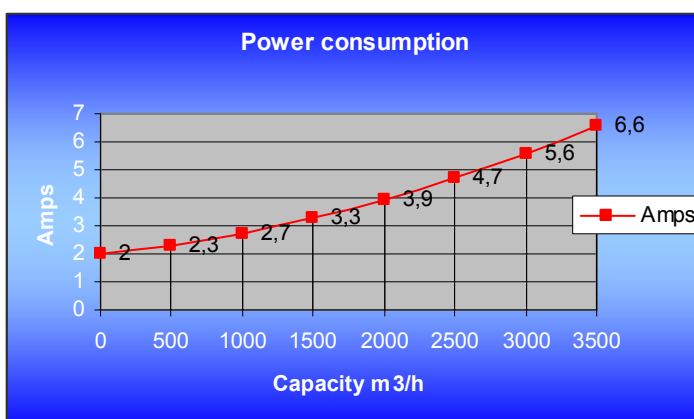
Power savings and noise reduction played a prominent role when designing the MD series. The extraction systems work based on the negative pressure air filtration principle whereby the fan is positioned downstream of the filter. This allows a special, self-regulating and energy-saving, high-efficiency fan to be used. Power consumption adjusts automatically to the required capacity.

Energy savings

By closing shutters on unused machinery, or installing automatic shutters, power consumption can be reduced without the need for a frequency regulator.

The ultra-lightweight fan wheel allows for rapid start-up, providing further power savings during starting. The immediate availability of full suction power makes the unit ideal for automatic switching in unison with connected machinery.

Filter resistance remains low due to the large filter surface area, even under intensive usage. This requires less extraction vacuum and, therefore, a fan that requires less power than used by other manufacturers. Moreover, this allows use to be made of low-energy, mechanical filter cleaning. This requires a fraction of the power consumed by compressed air cleaning systems.



Noise reduction

An additional feature of the fan used is its low noise emission levels that are further reduced by positioning it inside an acoustically insulated compartment. The net result is virtually inaudible, but the most important feature is that this fan performs slightly better than traditional extraction fans.

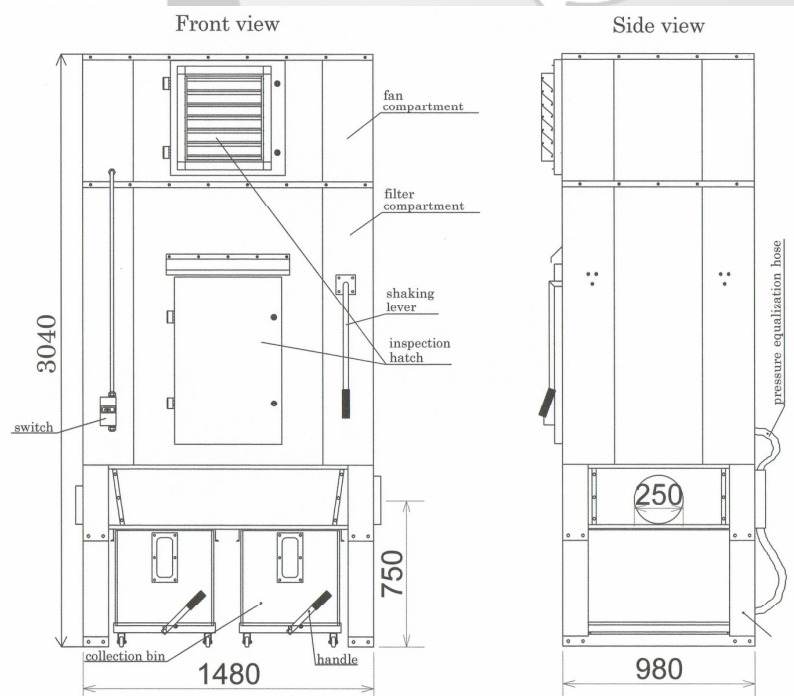
Applications

With a capacity of 3450 m³/h, the MD-90 can be connected to multiple machines for simultaneous extraction. Required extraction capacities for commonly used standard machinery are listed in the adjacent table. The filter's large surface area and the high-efficiency fan mean that the system can be used to provide powerful extraction for not only standard machinery, but for specialized machinery too, such as CNC machining and panel sizing centres, even when working with MDF. For machinery requiring extra-high air velocity or extraction vacuum, the unit can be fitted with special fans.

Machine	Capacity (m ³ /h)
Four-sided	6000
CNC machining centre	5500
Tenoner	5000
Panel sizing centre	4500
Spindle moulder	2000
Sawbench	1700
Thicknessing machine	1600
Surface planer	1000
Crosscut saw	1000
Band saw	700

MD-90

The standard MD-90 model allows waste to be collected in mobile bins that contain plastic bags. A single pull of the handle suffices to unlock the bins and roll them out so the plastic bags can be changed easily and conveniently.



Technical specifications for the MD-90

Capacity:	3450 m ³ /h (2050 cfm)
Pressure:	1750 Pa (optional: 2000 Pa)
Power capacity:	3.0 kW/400 V
Suction opening:	Ø200 mm (Ø250 mm when connected to a central extraction duct, with included adapter)
Filter surface area:	22 m ²
Filter material:	BGIA-certified polyester needled felt
Filter class:	M (< 0.1 mg/m ³)
Filter cleaning:	Manual
Collection volume:	360 L
Noise level:	65 dB (A)
Dimensions L x D x H:	1480 x 960 x 3040 mm

Versions

Besides collection of wood waste in bins, the MD-90 is also available as a version suitable for connection to any brand and type of briquetting press.

Version designations:

- mobile bins (with plastic bags) : MD-90B
- for assembly with a briquetting press : MD-90P (press not included)

Options

- automatic filter cleaning (advisable for especially high dust loads)
- double-height bins (EN 12779 compliant for outdoor use only)
- automatic switching in unison with connected machinery (by means of auxiliary relay)
- in-built extinguishing system
- more powerful vacuum

Reduced-height model

A reduced-height MD-90 model is also available. This configuration places the fan compartment on the side of the filter compartment instead of on top. Heights for the MD-90B and MD-90P units are then reduced to only 2400 and 1725 mm respectively, making the MD-90 an extremely flexible extraction unit that can be placed in any room.

MD series summary

The MD series includes six models ranging in capacity from 2300 to 12000 m³/h.

Type	Capacity m ³ /h	cfm
MD-60	2300	1350
MD-90	3450	2050
MD-150	4600	2700
MD-280	6000	3550
MD-300	8000	4700
MD-450	12000	7050

Safety and Regulations

The MD-60 is designed with maximum safety in mind for combating fire and dust explosions. The unit thus complies with **German DIN 8416 standards**. The unit has been tested by the TNO for fire and explosion safety and may be placed on the work floor by virtue of its high safety levels.

A high-quality, BGIA-certified polyester needled felt produced by a reputable German manufacturer is used for the filter material. Use of this material and the filter's 22.5 m² surface area guarantee residual dust emission levels of less than **0.1 mg/m³**.

Warranty

Riedex BV extends a **two-year warranty** on materials and manufacture with all its extraction systems.



Technical changes reserved