

ROBUST



Be IN think GREEN
SHREDDERS



• INTRODUCTION	4
• ENVIRONMENTAL IMPACT	6
• INTELLIGENT CONTROL SYSTEMS	7
• SD SERIES SHREDDERS	8
• SD 45 SHREDDERS	10
• SD 60 SHREDDERS	12
• SD 70 SHREDDERS	14
• SD 90 SHREDDERS	16
• SD 90 XL SHREDDERS	18
• P-SERIES PRE-SHREDDERS	20
• P 150 twin power PRE-SHREDDER	22
• MONSTER SERIES SHREDDERS	26
• MONSTER 150 twin power SHREDDER	28
• H SERIES SHREDDERS	30
• 35 H SHREDDERS	32
• CONVEYOR BELTS AND MAGNETS	34
• STANDARD AND OPTIONAL EQUIPMENT	37
• SELECTION OF COMPLETED PROJECTS	40



WHY CHOOSE ROBUST EQUIPMENT AND SOLUTIONS

Robust is a young, agile brand from the heart of Slovenia, which, with its own development department and technologically advanced production line, brings to the market innovative products and services that offer superior quality and performance, precision, individuality and durability.

The competitive advantage of the Robust brand is its focus on a strategy of targeted differentiation of its products and services, the main objective of which is to create unique added value for the customer.

INNOVATIVE SOLUTIONS

Our development, production and assembly teams ensure that our products boast innovations, patents and design protections. We invest a lot of effort in innovative new system solutions, using the latest technologies to design and adapt them throughout the entire process, from idea to implementation, to make our machines even better. Our commitment to the continuous development of shredders and accessories has earned us a wide range of national and international awards for quality and innovation.

EMPLOYEES

Robust employees are committed to a philosophy of continuous progress that drives our innovation. Involving individuals in strategic brand management processes is a symbol of trust in people and their competences. Our employees are the head, heart and soul of the company.

TOP QUALITY and EASY MAINTENANCE

The new generation of Robust shredders combines the power and quality of high-performance materials. Our shredders are designed and built to last longer and can easily cope with harsh conditions. All key parts of the Robust shredder are fully protected by easily removable covers that allow quick and easy access.

THE ASPECT OF SUSTAINABILITY

Robust has three key sustainability attributes written in its DNA. **Caring for people, caring for the environment and caring for the contribution to the economy as a whole**, completing the overall picture of sustainability as an important element of our business strategy.

ENVIRONMENTALLY FRIENDLY PRODUCTION

For many years, Robust has been focused on developing sustainable and environmentally friendly production. The EN ISO 14001:2015 certification has significantly contributed to raising the environmental awareness of all employees and those who work with our company. Business processes and employee awareness complete Robust's integrity as a green and sustainable company. So we strive to ensure that our machines are built to the highest environmental standards.

UP TO 48 MONTHS WARRANTY AND SERVICE

All Robust shredders are manufactured at the company's headquarters in Arja vas and come with a 24-month extendable warranty. We offer all the services, spare parts and accessories needed for ROBUST shredders in the European Union and beyond.

ROBUST

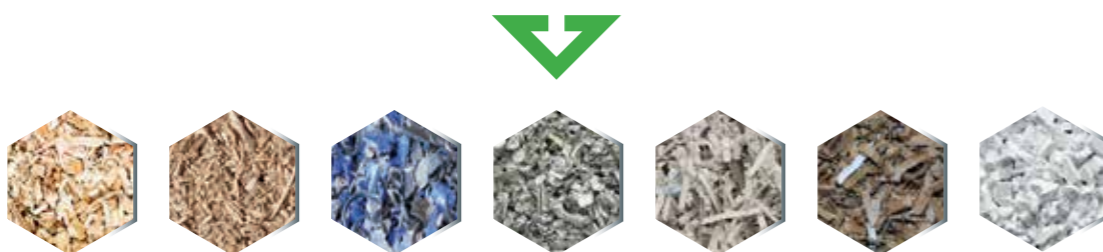


INTRODUCTION



Robust shredders

ENVIRONMENTAL IMPACT



INTELLIGENT CONTROL SYSTEMS

BOVER PREMIUM



The BOVER PREMIUM intelligent control system allows the shredder user to connect to the manufacturer via the web or office network. This allows immediate technical assistance or upgrades to the software system, with remote access confirmed by the user.

IMMEDIATE CORRECTION OF DEVIATIONS AND REMOTE UPGRADE OF THE SOFTWARE SYSTEM BY THE MANUFACTURER

BOVER PROFESSIONAL



The intelligent BOVER PROFESSIONAL control system sends predefined machine operating parameters to the user, enabling 24-hour operation control. You receive this information in the form of an SMS message, at the desired time interval on your mobile device:

- Working hours
- Number of times the safety chain was disconnected in the last interval
- Number of overloads in the last interval
- Number of pusher pins forwards/backwards
- If the main engine is overheating.

CONTINUOUS REMOTE CONTROL OF THE SHREDDER FROM YOUR MOBILE DEVICE.

Thanks to the BOVER PREMIUM and BOVER PROFESSIONAL tools for monitoring the operating parameters of Robust shredders, you will be able to improve machine utilisation, reduce operating costs and increase profitability.

SD SERIES

ROBUST

ROTOR

A carefully designed rotor with a tailored number of knives made of high quality steel ensures aggressive material intake and maximum productivity.

SIEVE

The sieve made of Hardox® 450, in various sizes and shapes, has the function of final reduction of the introduced material.

PUSHER

The hydraulic pusher, which pushes the material towards the rotor, ensures a controlled process and optimum shredding of the introduced material.

HARDENED CUTTING KNIVES ("1st class quality")

Hardened knives with four cutting edges and extended service life allow maximum shredding speed and the best quality of final granulation.

PROPERTIES

The SD range of shredders features a wide range of materials, which can be shredded with even the smallest shredder in the range. These single shaft models are synonymous with versatility. Representatives of each model can be found in both timber and other specialised plants. The global popularity of this series of shredders is an indication of the optimal price/quality ratio.

HOPPER

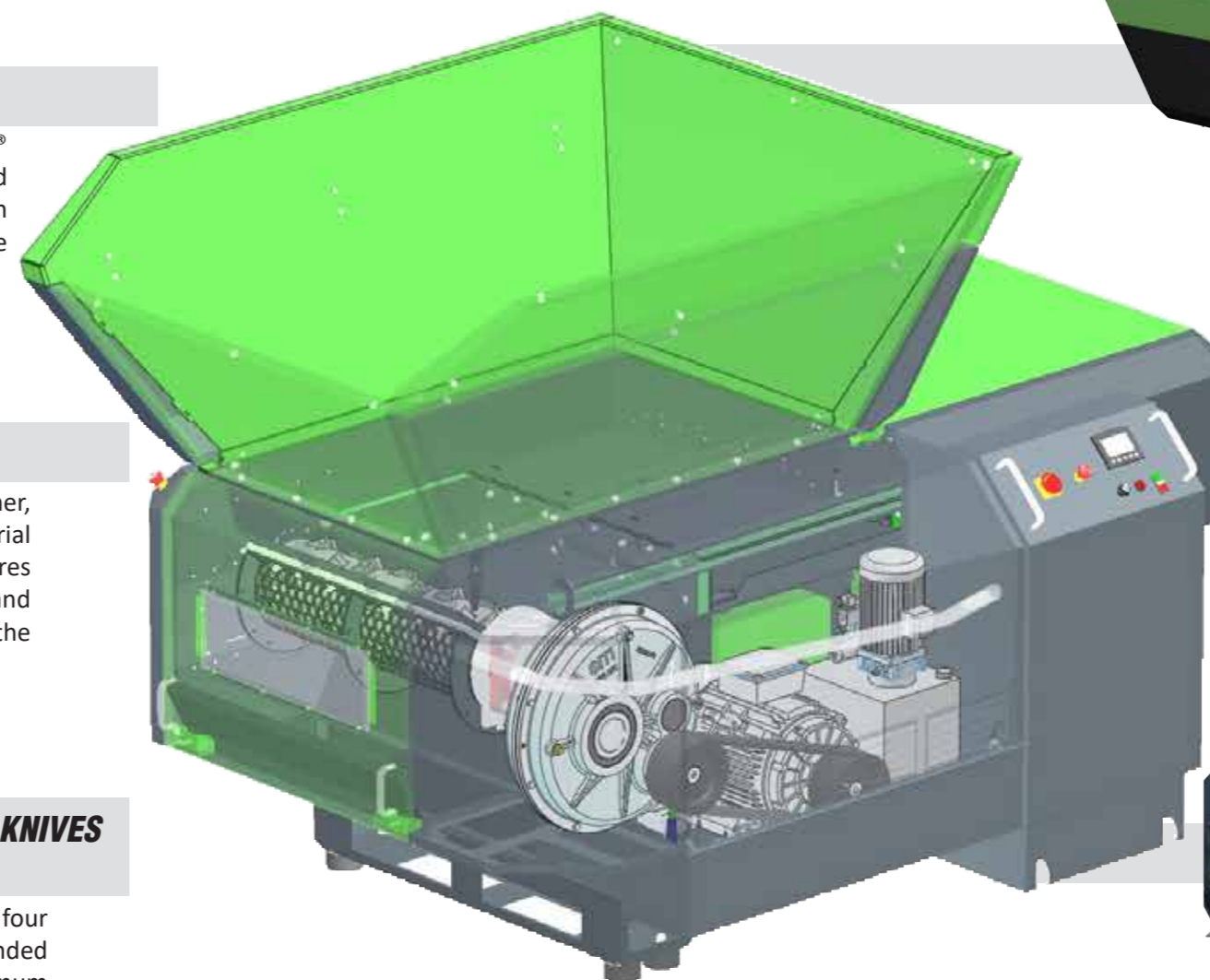
The reinforced V-shaped hopper is designed for optimum material dosing in the shredding chamber.

HYDRAULICS

The HIGH QUALITY hydraulics, well protected under the side cover, can be equipped with a faster "turbo" pump to help increase the productivity of the machine. The hydraulic system can be further supplemented with an oil cooler.

DRIVE

MAXIMUM DURABILITY and robustness of the drive with carefully selected components and their location in the housing.



WOOD PALLETS PLASTICS ALUMINIUM PAPER CARDBOARD STYROFOAM



SD SERIES SHREDDERS



ROBUST SD 45

PROPERTIES

The SD 45 features low input power, high productivity, ease of use and a long warranty period (4 years). It is ideal for smaller plants producing small quantities of waste material. Its unique design without a pusher means minimal maintenance is required and it is easy to use for everyone.

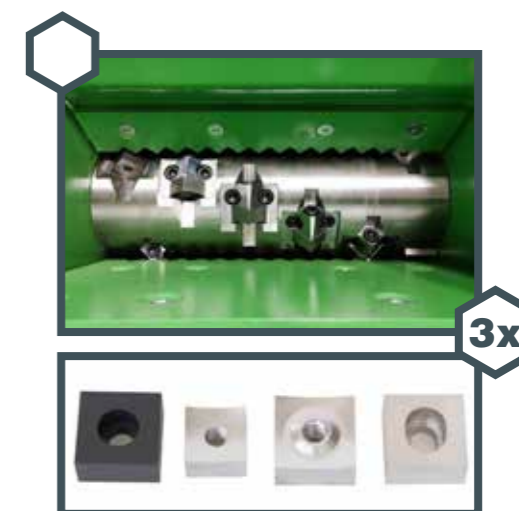


ADVANTAGES

- fully automatic operation
- **hardened knives with four cutting edges and extended service life** ●
- **sieve made of Hardox® 450** ●●
- easy installation, connection and start-up
- economical energy consumption
- ultra-quiet operation
- extraction connector (ø152 mm)*
- simple and minimal maintenance
- intelligent control system, BOVER BASIC

* standard equipment

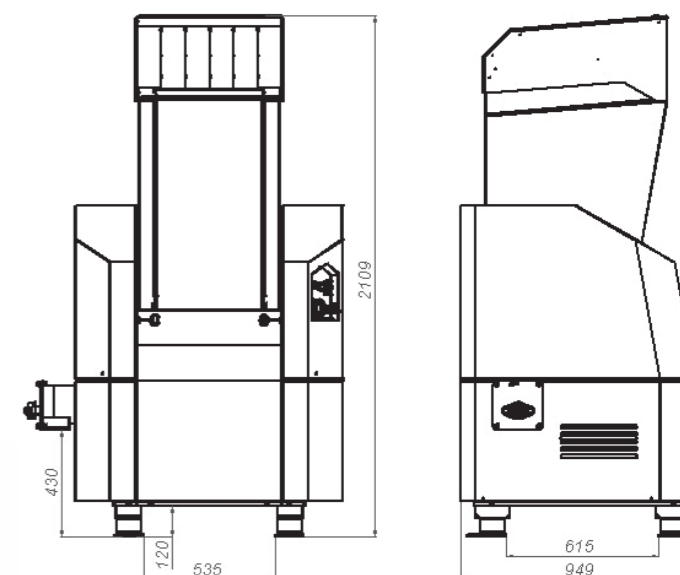
** 48 months or 2000 hours warranty (whichever comes first)



TECHNICAL DATA

	SD 45
Power (kW)	11/15
Rotor diameter (mm)	160
Rotor working length (mm)	450
Rotor speed (rpm)	265
Number of knives (pcs)	15
Filling opening (mm)	620 x 430
Sieve openings (mm)	10/12/15/20/30/40
Capacity *** (m³/h)	up to 1,5
Weight (kg)	920

*** Depending on the material and diameter of the openings in the sieve



SD SERIES SHREDDERS

ROBUST





ROBUST SD 60

PROPERTIES

It is an extremely popular entry-level model of a shredder with a pusher, mainly used by carpenters and joiners. Thanks to its robust construction, premium hydraulic components and intelligent software system, the shredder has a long service life. The hydraulic pusher pushes the material towards the rotor, increasing the grip of the material and the crushing efficiency in the crushing chamber. The hydraulic unit is housed in the machine casing to save space and is also protected from dust and dirt.

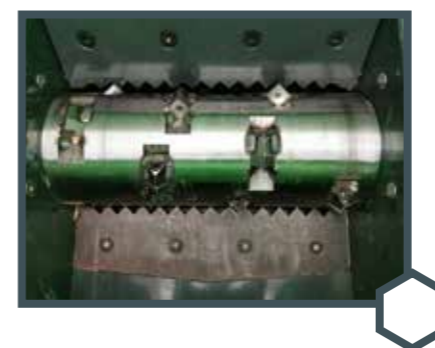


ADVANTAGES

- universal use
- fully automatic operation
- **hardened knives with four cutting edges and extended service life** ●
- **sieve made of Hardox® 450** ●●
- easy installation, connection and start-up
- economical energy consumption
- ultra-quiet operation
- extraction connector (ø160 mm)*
- simple and minimal maintenance
- intelligent control system, BOVER BASIC ●●●●

* standard equipment

** 24 months or 2000 hours warranty (whichever comes first)

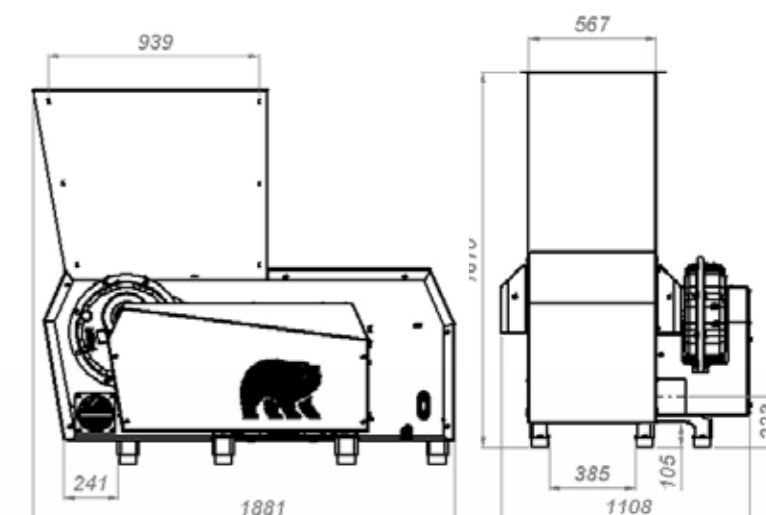


TECHNICAL DATA

SD 60

Power (kW)	15/18,5
Rotor diameter (mm)	260
Rotor working length (mm)	550
Number of knives (pcs)	14
Filling opening (mm)	939 x 567
Shredding opening (mm)	810 x 549
Sieve openings (mm)	10/15/20/30
Capacity *** (m³/h)	up to 2,5
Weight (kg)	1250

*** Depending on the material and diameter of the openings in the sieve



SD SERIES SHREDDERS

ROBUST



ROBUST SD 70

PROPERTIES

The ROBUST SD 70 is a compact, ergonomic, universal shredder suitable for small and medium-sized businesses. The high-torque, high-speed pusher drive system delivers flow rates of up to 5 m³/h. The intelligent drive control automatically stops the shredder motor when there is a blockage. The reverse feed function is activated to prevent further overloading and overheating of the machine.



ADVANTAGES

- universal use
- fully automatic operation
- **hardened knives with four cutting edges and extended service life** ◆
- **sieve made of Hardox® 450** ◆◆
- easy installation, connection and start-up
- hardened cutting blades
- simple and minimal maintenance
- intelligent control system, BOVER BASIC
- custom hopper *
- **upgrade to BOVER PREMIUM or BOVER PROFESSIONAL* intelligent control system**
- **serial V-hopper**

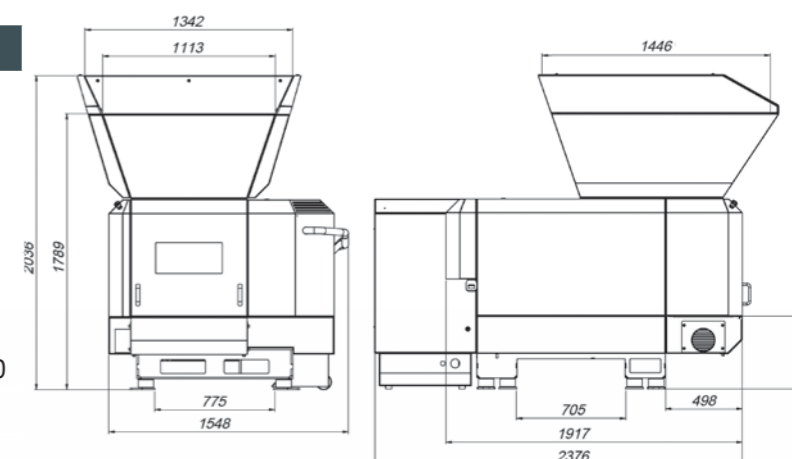
* optional equipment

** 24 months or 2000 hours warranty (whichever comes first)



TECHNICAL DATA

	SD 70
Power (kW)	18,5/22/30
Rotor diameter (mm)	270
Rotor working length (mm)	650
Number of knives (pcs)	30
Filling opening (mm)	1446 x 1342
Shredding opening (mm)	825 x 650
Sieve openings (mm)	10/12/15/30/40/50
Capacity *** (m³/h)	up to 5
Weight (kg)	1750



*** Depending on the material and diameter of the openings in the sieve



PROPERTIES

The economical and powerful ROBUST SD 90 shredder is a universal single shaft shredder most commonly used in medium-sized joinery, carpentry, plastics and other recycling plants. The uniformly shredded end product is well suited for the generation of thermal energy for indoor heating, for wood briquette dryers and plastic regenerate for re-manufacturing applications.



ADVANTAGES

- fully automatic operation
- **hardened knives with four cutting edges and extended service life**
- **sieve made of Hardox® 450**
- easy installation, connection and start-up
- hardened cutting blades
- simple and minimal maintenance
- intelligent control system, BOVER BASIC
- **upgrade to BOVER PREMIUM or BOVER PROFESSIONAL***
- **intelligent control system ●**
- **upgrade to LARGER HOPPER* ●●●**
- **serial V-hopper ●●**

* optional equipment

** 24 months or 2000 hours warranty (whichever comes first)



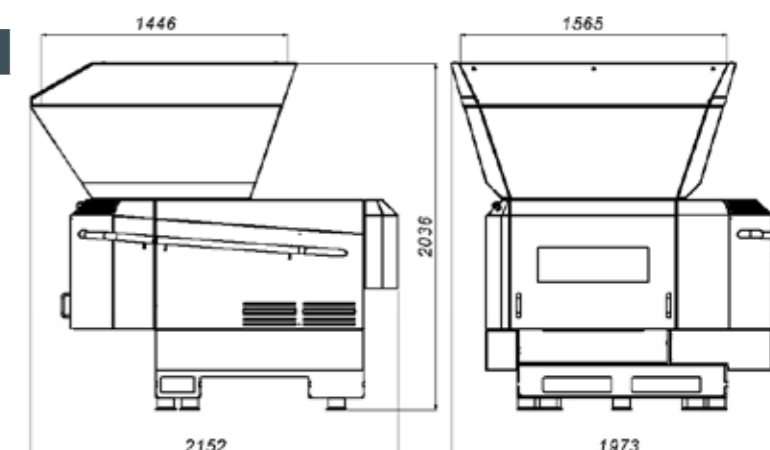
SD90 + RBZ conveyor + magnetic separator



TECHNICAL DATA

	SD 90
Power (kW)	18,5/22/30
Rotor diameter (mm)	270
Rotor working length (mm)	870
Number of knives (pcs)	40
Filling opening (mm)	1446 x 1565
Shredding opening (mm)	825 x 850
Sieve openings (mm)	10/15/30/40/50
Capacity *** (m³/h)	up to 7
Weight (kg)	2050

*** Depending on the material and diameter of the openings in the sieve





ROBUST ***SD 90 XL***

PROPERTIES

The SD 90 XL universal shredder is designed with aggressive, high-torque, low-speed shredding technology that offers outstanding performance in shredding wood waste for boiler fuel production and efficiently reduces the volume of larger bulky wood waste to the desired granulation for further use.

The SD 90 XL is also suitable for recycling plants of plastics, cardboard, aluminium and other raw materials.

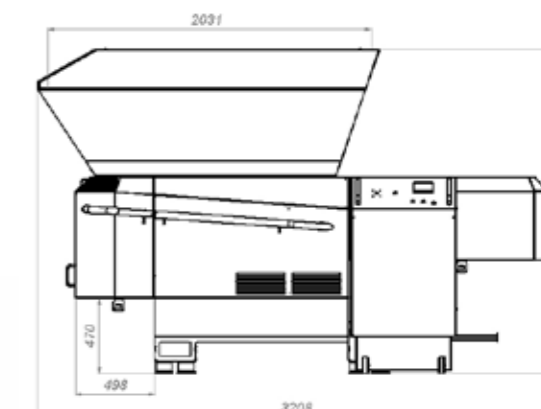
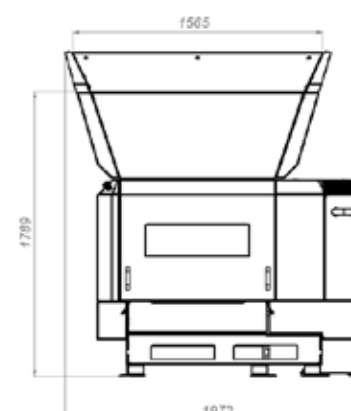


ADVANTAGES

- fully automatic operation
- **hardened knives with four cutting edges and extended service life**
- **sieve made of Hardox® 450**
- easy installation, connection and start-up
- hardened cutting blades
- simple and minimal maintenance
- intelligent control system, BOVER BASIC
- SPS wheeled cabinet + TOUCH SCREEN
- **upgrade to BOVER PREMIUM or BOVER PROFESSIONAL***
- **intelligent control system**
- **upgrade to LARGER HOPPER***
- **upgrade with PRE-SHREDDER P150 TP***
- **serial V-hopper**

* optional equipment

** 24 months or 2000 hours warranty (whichever comes first)



TECHNICAL DATA

SD 90 XL

Power (kW)	18,5/22/30
Rotor diameter (mm)	270
Rotor working length (mm)	870
Number of knives (pcs)	40
Filling opening (mm)	2031 x 1565
Shredding opening (mm)	1410 x 850
Sieve openings (mm)	10/15/30/40/50
Capacity *** (m³/h)	up to 8
Weight (kg)	2450

*** Depending on the material and diameter of the openings in the sieve

SD SERIES SHREDDERS



P SERIES

pre-shredder

ROBUST

PROPERTIES

The pre-shredder is a versatile shredding machine, best suited for reducing waste pallets of various dimensions. It features high-quality blades, low energy consumption and maximum performance. The robust two-rotor knife system pre-shreds the volume of incoming waste material very efficiently, thus optimising further manipulation processes.

GRATING

Robust grating, further reducing the volume of the material.

SLATTED KNIVES

Reinforced slatted knives with patent P-201800051 for optimum shredding and maximum impact.

HOPPER

The reinforced hopper is designed for optimum dosing of material into the shredding chamber. It can also be customised individually at the customer's request.

DRIVE

High-quality, high-torque dual hydraulic motor for direct drive of the cutting rollers and speed and load control.

BASE WITH MODULAR HEIGHT-ADJUSTABLE CHUTE

The modular adjustable chute allows the user to optimally adjust the angle of the chute for ideal dropping of the shredded material, without jamming.

P SERIES SHREDDERS

WOOD



PALLETS





RUBUST *P 150 twin power*

PROPERTIES

The P150 Twin Power is a high torque pre-shredder suitable for the pre-treatment of waste used in the first stage of the waste treatment process and is suitable for the pre-shredding of bulky materials such as household waste, bulky waste, construction waste, etc. It features high-quality, low-speed blades, low energy consumption and maximum performance.

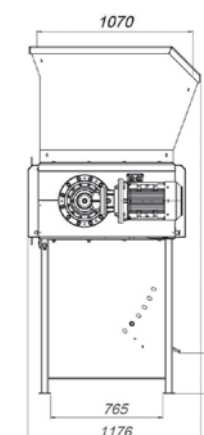


ADVANTAGES

- easy maintenance
- wide range of applications
- high capacity
- independent drive
- efficient in terms of throughput and quality
- silent drive technology
- low dust formation / low wear
- low operating costs
- **upgrade with PERSONALIZED HOPPER***
- freestanding or in combination with shredder (SD 90 XL)

* optional equipment

** 24 months or 2000 hours warranty (whichever comes first)



TECHNICAL DATA

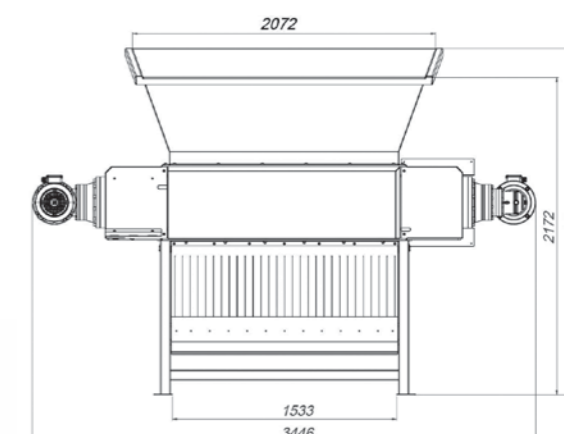
P150 TP

Power (kW)	2x5,5
Rotor diameter (mm)	355
Rotor working length (mm)	1580
Filling opening (mm)	2072 x 1070
Shredding opening (mm)	1560 x 800
Capacity *** (wood pallets)	up to 60
Weight (kg)	1400****/1840*****

*** Depending on the material and dimensions of the pallets

**** With bevelled knives, without base and hopper

***** For mounting on SD 90 XL with sliding interface or on a stand-alone base with chute



**BASE WITH
MODULAR
HEIGHT-
ADJUSTABLE
CHUTE**

P SERIES SHREDDERS



MONSTER SERIES

ROBUST

ROTOR

A carefully designed rotor with a tailored number of knives made of high quality steel ensures aggressive material intake and maximum productivity.

SIEVE

The sieve made of Hardox® 450, in various sizes and shapes, has the function of final reduction of the introduced material.

SLATTED KNIVES

Reinforced slatted knives with patent P-201800051 for optimum shredding and maximum impact.

PUSHER

The hydraulic pusher, which pushes the material towards the rotor, ensures a controlled process and optimum shredding of the introduced material.

PROPERTIES

THE MONSTER is a hybrid machine consisting of a P150 TWIN POWER PRE-SHREDDER combined with the SD90XL series shredder. It is synonymous with the efficient shredding of a wide variety of pallets, styrofoam, plastics, waste and electrical appliances.

The pre-shredder is positioned above the shredder to help reduce the volume of the fed material before it continues its way to the shredder. The main advantage of the Monster shredder is its high productivity for shredding larger bulky materials.



MONSTER SERIES COMBINATIONS

MODEL + ENGINE POWER

MONSTER 150 TWIN (SD90XL/22+P150/2x5,5kW)

**BEST
SELLER**

MONSTER SERIES SHREDDERS

WOOD



PALLETS



PLASTICS

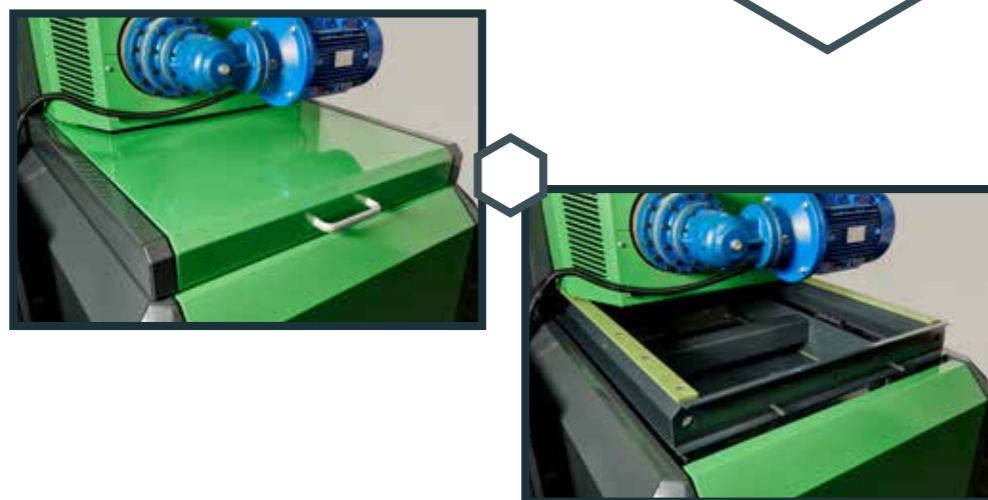


STYROFOAM





ROBUST ***MONSTER 150*** ***twin power***



**SIMPLE
MAINTENANCE**

ADVANTAGES

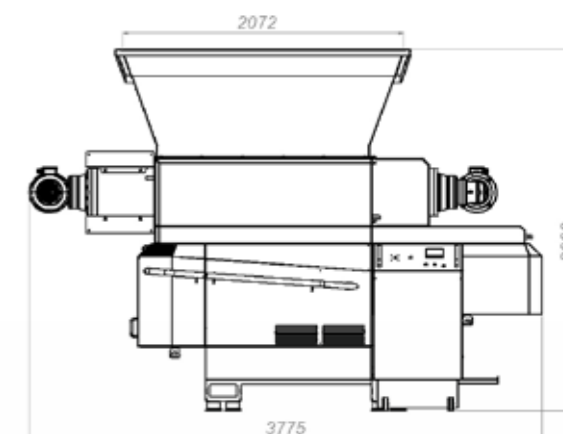
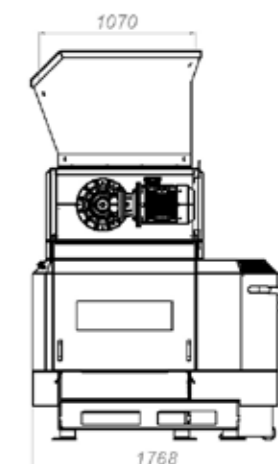
- shredding capacity up to 60 pallets/hour
 - easy maintenance
 - low operating costs
 - high productivity
 - heavy-duty gearbox
 - **upgrade with PERSONALIZED HOPPER***
- * optional equipment
 ** 24 months or 2000 hours warranty (whichever comes first)



TECHNICAL DATA

	MONSTER 150 TWIN POWER
Power (kW)	30 + 11
Rotor diameter (mm)	270/355
Rotor working length (mm)	870/1580
Rotor speed (rpm)	6+95
Filling opening (mm)	2072 x 1070
Shredding opening (mm)	1560 x 800
Technology	hybrid (2 shafts + 1 shaft)
Circuit protection	32A-80A
Material	pallets, styrofoam, electronic de car bumpers
Sieve openings (mm)	10/15/30/40/50
Capacity *** (wood pallets/h)	up to 60
Weight (kg)	4200 ****

*** Depending on the material and dimensions of the pallets
 **** SD 90 XL + interface + P150 TWIN POWER with hopper



MONSTER SERIES SHREDDERS



H SERIES

shredders

ROBUST

ROTOR

A carefully designed rotor with a tailored number of knives made of high quality steel ensures aggressive material intake and maximum productivity.

SIEVE

The sieve made of Hardox® 450, in various sizes and shapes, has the function of final reduction of the introduced material.

HARDENED CUTTING KNIVES ("1st class quality")

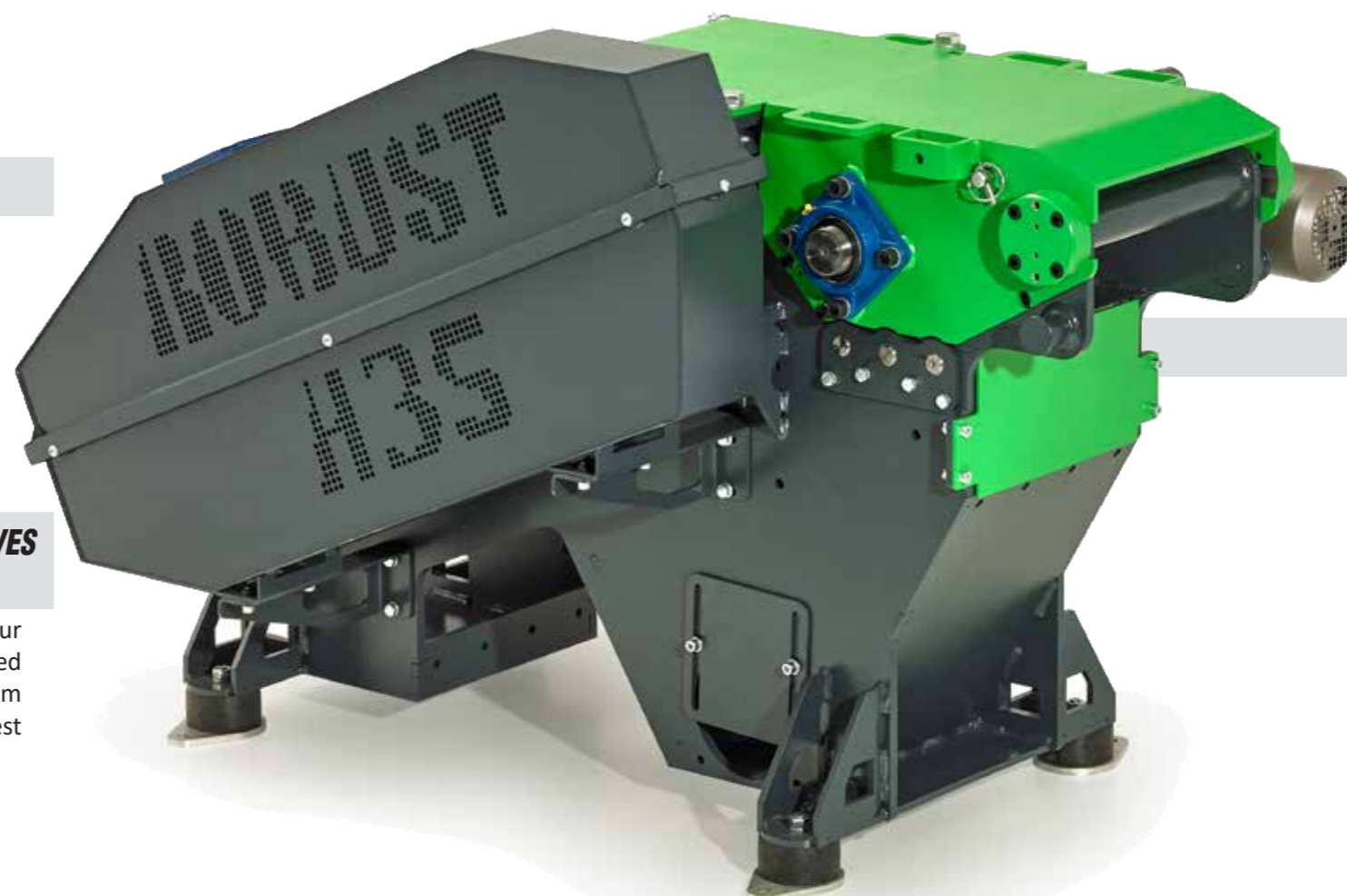
Hardened knives with four cutting edges and extended service life allow maximum shredding speed and the best quality of final granulation.

PROPERTIES

The H ROBUST line of horizontal shredders is perfect for shredding linear wood waste. These shredders are excellent for converting solid wood waste into wood chips. The shredding material is fed into the shredder with vibrating table or horizontal conveyor belt (optional equipment). The desired final granulation of wood waste is then used as an energy source for heat production or for the further production of end products such as briquettes or pellets.

DRIVE

The high-quality drive with SKF bearings and PCT thermal protection is synonymous with quality and long life.



H SERIES SHREDDERS

WOOD



PALLETS



PLASTICS

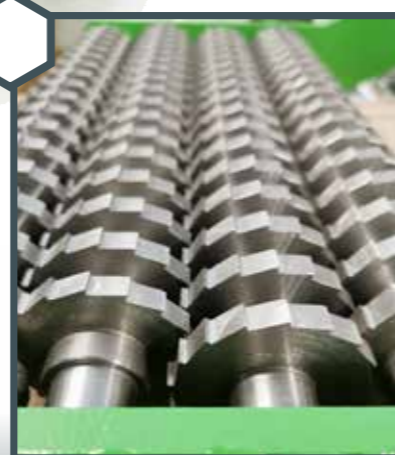
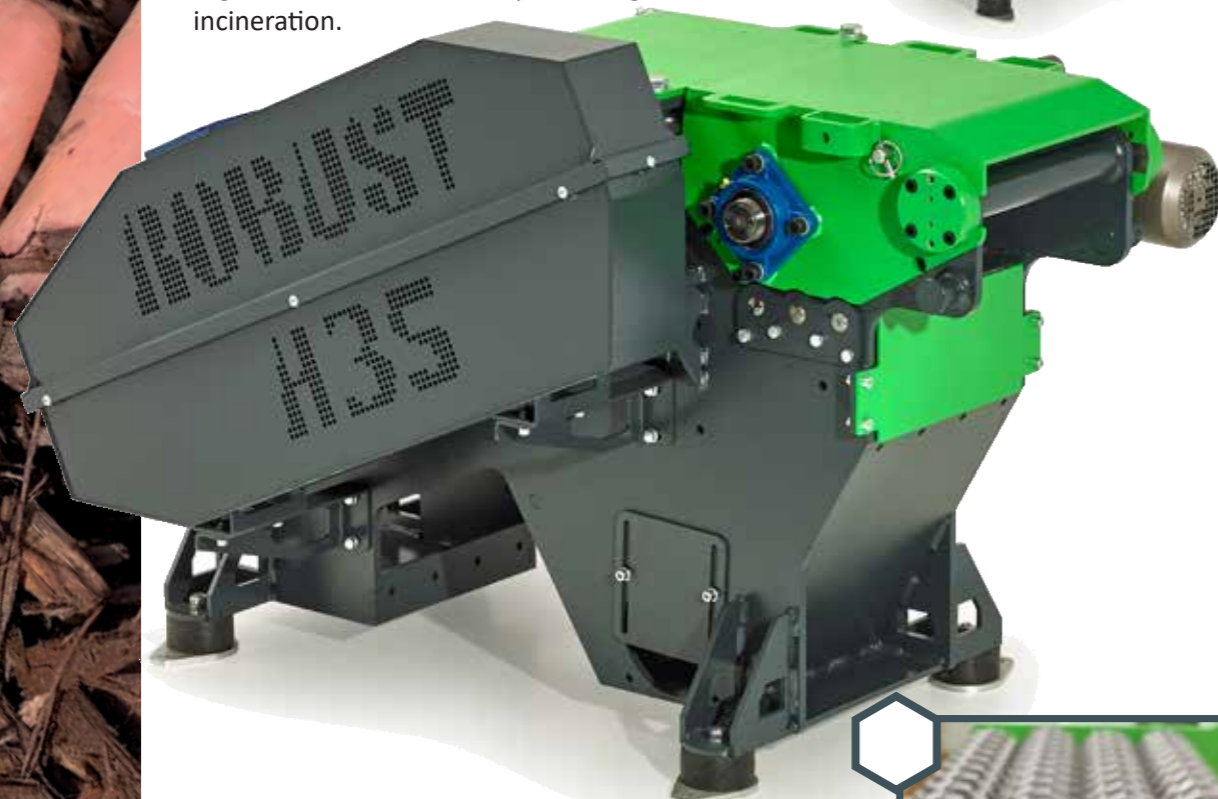




ROBUST *H 35*

PROPERTIES

The H35 horizontal shredder is designed for small and medium-sized sawmills and woodworking shops. The shape and design are optimal for smooth shredding of long wood waste. The conveyor belt, which is part of the optional equipment, feeds the material into the feed rollers and on to the shredding rotor. With a sieve the size of the final granulation is regulated for further use, processing or incineration.



ADVANTAGES

- high capacity
- independent drive
- freestanding or in combination with production line
- low operating costs
- wet and dry wood
- soft and hard wood

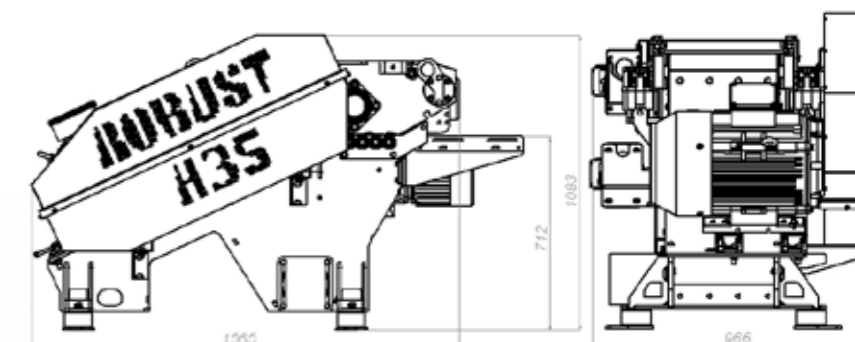
* 24 months or 2000 hours warranty (whichever comes first)



TECHNICAL DATA

H 35

Power (kW)	22
Rotor diameter (mm)	278
Rotor working length (mm)	350
Number of knives (pcs)	12
Shredding opening (mm)	350 x 80
Sieve openings (mm)	7/10/15
Capacity ** (m³/h)	up to 3
Weight (kg)	920



** Depending on the material and diameter of the openings in the sieve

H SERIES SHREDDERS

ROBUST

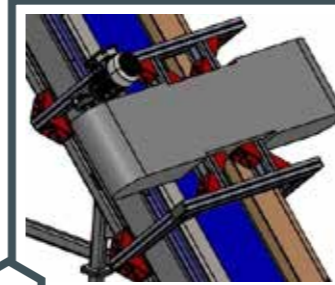
CONVEYOR BELTS AND MAGNETS

TECHNICAL DATA

TYPE	RB 600-5000	RBZ 350-6500	RBH 300-3000
Drive	hydraulic/electric motor	electric motor	electric motor
Conveyor belt length (m)	5	6.5	3
Belt width (mm)	600	350	290

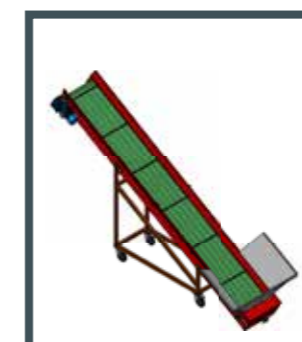
OVERBAND MAGNETIC SEPARATOR

Width (mm)	1200
Length (mm)	550



MAGNETIC TUBE SEPARATOR

Length (mm)	790
Diameter (mm)	160-300





CONVEYOR BELT RBH 300-3000 - HORIZONTAL

(optional equipment: H series only)

It is used to feed material into H-series horizontal shredders. Conveyor belt extensions are available (one extension is one metre).



CONVEYOR BELT RBZ 350-6500 - Z TYPE

(optional equipment: SD 70-SD 90 XL, Monster)

It is used to discharge the shredded material away from the shredder. Perfectly suited to SD and Monster series shredders. Being on wheels, it is easy to operate. The belt is compatible with the overband magnetic separator and the magnetic separator in the drive cylinder.



CONVEYOR BELT RB 600-5000

(optional equipment: SD 60-SD 90 XL, Monster)

It is used to feed material into the shredder.



OVERBAND MAGNETIC SEPARATOR

(optional equipment: SD70-SD90XL, Monster)

The magnetic separator is mounted above the conveyor belt. Its main task is to separate metal parts from the shredded material. The magnetic separator and aluminium construction are compatible with the RBZ 350-6500 conveyor belt. The magnetic separator is also sold separately (without the aluminium construction).



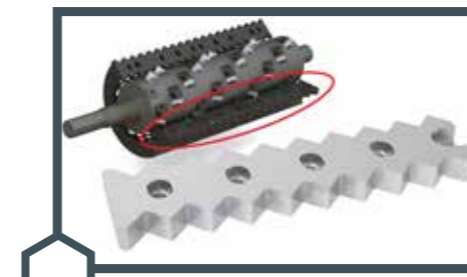
SECONDARY CUTTING BLADE made of Hardox® 450

(optional equipment: SD 60-SD 90 XL, Monster)

It prevents material from re-entering the shredding chamber after it has been shredded.

The secondary cutting blade reduces material re-entry into the shredding chamber by approximately 80%, thereby increasing the throughput (capacity) of the shredder.

*** Robust recommendation: a very important component!**



HARDENED CUTTING BLADE

(standard equipment: SD 60-SD 90 XL, Monster)

The cutting blades are standard equipment in every SD series shredder. The main advantage of hardened cutting blades is their ability to aggressively and efficiently shred the material in the shredding chamber.

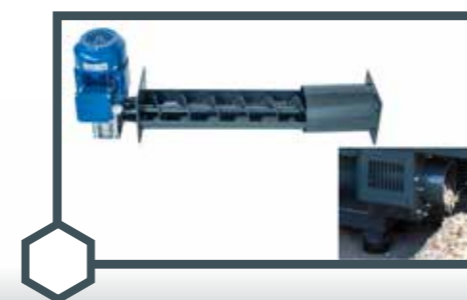


PUSHER RACK

(optional equipment: SD 70-SD 90 XL, Monster)

A hydraulic pusher pushes the material towards the shaft. The pusher rack provides a better grip on the material being pushed towards the rotor, thus increasing shredding efficiency and throughput.

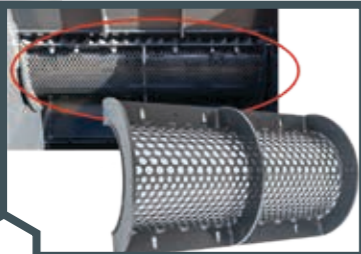
*** Robust recommendation: a very important component!**



SCREW/SNAIL CONVEYOR

(optional equipment: SD60-SD90XL, Monster)

Ensures even discharge of shredded material from the shredder. The material falls from the sieve into the screw/snail conveyor, which conveys the material through the outlet. It can be combined with a conveyor belt.



SIEVE/SCREEN

(standard equipment: SD 45-SD 90 XL, Monster, H series)
Every SD, Monster and H-series shredder is equipped with a sieve. Sieves are available with apertures ranging from 7 mm to 50 mm. The size of the openings in the sieve is determined according to the needs of the customer. It ensures the correct granulation of the material and prevents large pieces of material from falling out of the shredder.

**On P Series models, the sieve is not part of the standard equipment!*



ADJUSTABLE SIEVE RAILS

(optional equipment: SD 70-SD 90 XL, Monster)
For granularities larger than 30 mm, they ensure maximum throughput and at the same time prevent too long pieces of chips from passing through the screen and damaging the suction system or the conveyor belt.

** Waste material must be dry!*



HARDENED CUTTING KNIVES

(standard equipment: SD 45-SD 90 XL, Monster, H series)
The cutting knives are mounted on the rotor with dedicated knife holders. The knives are a key part of the shredder and are necessary for its optimal performance. It is therefore advisable to check them regularly in accordance with the instructions for use.

Turn or replace them when necessary.



HARDENED CLEANING KNIVES

(standard equipment: SD 45-SD 90 XL, Monster, H series)
One cleaning knife is attached to each side of the rotor with a screw. Their main task is to clean the shredding chamber and prevention of overloading the machine.

It is highly recommended to change the cleaning knives regularly as they wear out.



SUCTION SINK

(optional equipment: SD 70-SD 90 XL, Monster)

The sink is located under the sieve. It is used as a connection between the shredder and the suction system. Optionally, the suction system can be equipped with a magnetic tube separator.



HYDRAULIC OIL COOLING SYSTEM

(optional equipment: SD 70-SD 90 XL, Monster)

The hydraulic oil cooling system is a very important component of the shredder. Ensures optimum temperature of the hydraulic oil in the shredder during prolonged operation.

*** Robust recommendation: a very important component!**



MAGNETIC TUBE SEPARATOR

(optional equipment: SD 45-SD 90 XL, Monster)

Its main task is to separate metal parts from the shredded material. The material passes through the separator tube, where magnets separate the metal parts from the material. The magnets can be easily removed from the outside and cleaned. Magnetic separators are available in different diameters, from 160 to 300 mm.

** For use with suction system only!*



MAGNETIC CONVEYOR ROLLER

(optional equipment: SD 70-SD 90 XL, Monster)

The magnetic conveyor roller is positioned as the final drive roller of the conveyor belt. Its main task is to separate metal parts from the shredded material. The magnetic conveyor roller is only available in combination with the RBZ 350-6500 conveyor belt.



TURBO HYDRAULIC POWER UNIT

(optional equipment: SD 70-SD 90 XL, Monster)

The turbo hydraulic system is a very important component of the shredder, especially if the user intends to process waste material frequently or for more than 6 hours a day. With this optional hydraulic system, the amount of hydraulic oil is 50% higher than with the standard system.

*** Robust recommendation: a very important component!**



FIXED CONTROL UNIT

(standard equipment: SD 60-SD 90, P series, H series)

It is equipped with Bover basic software. The fixed control unit can be mounted on the wall. Also includes 5 metres of cable.



SELF STANDING CONTROL UNIT

(optional equipment: SD 70-SD 90)

Allows greater flexibility in machine operation. The self standing control unit is on wheels so it can be easily moved.

*** Standard on SD90XL and Monster shredders!**



BOVER BASIC

(standard equipment: SD 45-SD 90, P series, H series)

Includes standard Unitronics PLC with two-line display and basic software with limited functions. Shows the basic information needed to operate the machine safely.



BOVER PREMIUM/PROFESSIONAL

(optional equipment: SD 70-SD 90)

Includes Unitronics PLC with 4.3-inch touchscreen and advanced software with advanced features. Displays advanced information that can improve the user experience.

*** Compatible with Secomea remote access**

**** Compatible with Siemens PLC**



REMOTE ACCESS

(optional equipment: all models)

It provides remote access to the machine from any location with internet access, regular software updates and professional support in case of problems.

*** Only in combination with Bover Premium!**

SELECTION OF COMPLETED PROJECTS



AREA OF OPERATION:

furniture manufacturer

IMPLEMENTATION:

Monster 150 Twin Power

LOCATION:

London, United Kingdom



AREA OF OPERATION:

wood production waste

IMPLEMENTATION:

Robust SD 70

LOCATION:

Wieselburg, Austria



AREA OF OPERATION:

cement works

IMPLEMENTATION:

Robust SD 90

LOCATION:

Split, Croatia



AREA OF OPERATION:

wood processing plant

IMPLEMENTATION:

Robust SD 90 XL

LOCATION:

Frauental an der Lassnitz,
Austria



AREA OF OPERATION:

thermal power/heat plant

IMPLEMENTATION:

Robust SD 90

LOCATION:

Ljubljana, Slovenia



AREA OF OPERATION:

production waste

IMPLEMENTATION:

Robust SD 70

LOCATION:

Idrija, Slovenia



COMPANIES WHO TRUST US



www.agbekoservis.sk



www.ajmonteiro.pt



www.blazeks.rs



www.holztreff.at



www.stopnice-jezersek.si



www.kempf.ag



www.blotzki-insektenschutz.de



www.carbon-cleanup.com



www.cemex.hr



www.magles.si



www.markelj.com



www.mh-holz.at



www.centrometal.hr



www.coolrainsawmills.ie



www.cernivsek.com



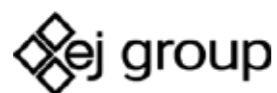
www.novaki.si



www.protamb.pt



www.mizarstvo-rajsp.si



www.enterijer-jankovic.co.rs



www.energetika.si



www.ergomade.dk



www.selvamex.com



www.scsplus.co.rs



www.vitorogpromet.rs



www.genia.co.nz



www.harvestlink.com



www.hemosan.info



www.volimeda.lt



www.wibeba-holz.com



www.zaze.si



All products are subject to constant development, so the indication of technical data is not binding for the delivery itself. The images are symbolic in nature and due to developmental changes and improvements do not always reflect the actual situation.

ROBUST 

Arja vas 105
3301 Petrovče, Slovenia

T: +386 (0)3 703 88 23, (0)3 703 88 07
M: +386 (0)31 819 788, (0)31 312 337

www.robust.si
www.drobilnik.si



Robust shredders

SHREDDERS