

Shredding | Your material -  
our solutions  
**SHARK**

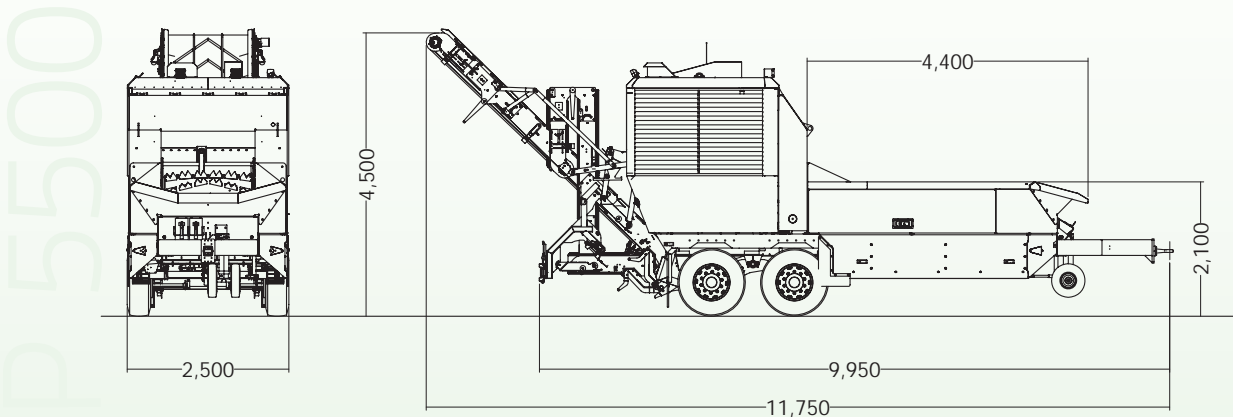
Our solutions for your shredding material:  
Willibald EP 5500 Shark range

Different materials can be processed through the unique shredding system (hammers & rakes) of the Willibald EP 5500 Shark range. The Shark range has established itself successfully for green waste and biomass. The Shark range can also be used to process bark, pallettes and waste wood.

To achieve the perfect product size, you can choose from one of the three different Willibald EP 5500 versions.



# Technical Data



Technical Data EP 5500					Equipment	
Transport measurements		l/w/h 9950/2500/4000			Conveyor belt;	# o
Engine					Conveyor belt; hydr foldable long 4,5 m	o
Manufacturer		MAN		MAN	Neodymium magnet with collection containe	o
Type		D2676 LE 140		D2676 LE 139	Available on tracks	# o
Power	kw/HP	353/480		382/520	Crawler drive	# o
Emission		EUROMOT IV			Remote control	o
Chassis		2 axle central chassis for 50 m/h			Central lubrication system	o
permissible total weight		kg		19.000	Hydraulic shafts extractor	# o
Rotor	#	SHARK I	SHARK II	SHARK III	Hydraulic support wheel	# o
Weight (equipped)	kg	aprox 1300	aprox 1750	aprox 2000	Reversible fan	# o
Width	mm	1450			Working lights	# o
Diameter	mm	1000			Water spray system	o
Hammer free swinging with pointing tips	pcs.	48	16	variabel	Extended hopper (700mm) hydr foldable	# o
Tips	Stk.	-	32	variabel	Extended side walls (manual/ hydr foldable)	# o
Milling Strips	Stk.	8/-	12/-	variabel	Trailer coupling	o
Hammer weight	kg	approx. 3,5	approx. 23	approx. 23	Special paint	o
Maximal Infeed Height	mm	900			Bio Oil	o
Endless Floor and Infeed Roller	#	various rotations between 10% - 100%			Visible belt scales	o
Rakes and screens	#	Positions seperately adjustable 0% (small grain) 100% (large grain)			Diesel particle filter	o
					Additional tank	o

Changes to technical data is reserved. Coping and reprint only allowed with our permission.

◦ Option  
All the functions marked with # can be operated with the optional remote control.

Equipment		
Conveyor belt;	#	◦
Conveyor belt;		◦
hydr foldable long 4,5 m		
Neodymium magnet with collection containe		◦
Available on tracks	#	◦
Crawler drive	#	◦
Remote control		◦
Central lubrication system		◦
Hydraulic shafts extractor	#	◦
Hydraulic support wheel	#	◦
Reversable fan	#	◦
Working lights	#	◦
Water spray system		◦
Extended hopper (700mm) hydr foldable	#	◦
Extended side walls (manual/ hydr foldable)	#	◦
Trailer coupling		◦
Special paint		◦
Bio Oil		◦
Visible belt scales		◦
Diesel particle filter		◦
Additional tank		◦



Shredder | Series | EP Shark

**Shark** | Innovation through three different versions



Shredder | Series | EP Shark



Working position

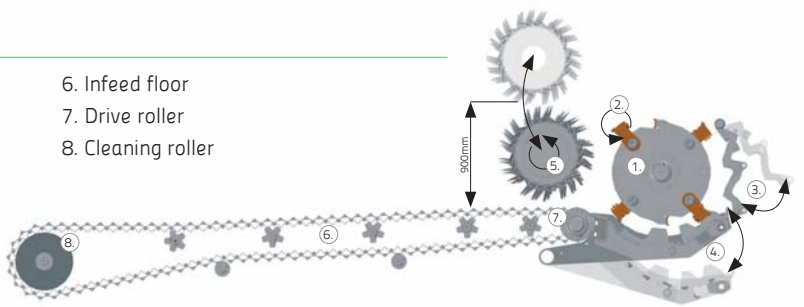
4,5 m discharge height.  
Change from working to maintenance  
position in a few minutes!



All Willibald EP 5500 machines are equipped with the latest MAN engine technology for increased power and fuel efficiency. Our customers are pleased with the efficiency and easy service accessibility of all our Willibald Sharks.

Working principle:

1. Rotor
2. Hammers
3. Screen basket
4. Rakes
5. Infeed roller
6. Infeed floor
7. Drive roller
8. Cleaning roller



Series EP 5500 Shark

Milestones in Shredder - development

The reliable series EP Shark range has adjusted well to the market requirements through the close cooperation of our research and development team and our customers. The series is now available in 3 different versions:

Shark I

finest results:

In this modification, the crushing system operates with a 48-flail - rotor which has been further optimized. The 48 flails in combination with Willibald adjustable rake system achieve the finest product size. The Shark I is the ideal choice if accurate fine grain is required.

Shark II

the all-rounder:

A powerful rotor with 16 massive double flails is working in the Shark II. The double flails are equipped with an innovative system of 32 interchangeable tips. The universally applicable shredding system of the Shark II produces balanced good results in almost all fields.

Shark III - master of the

biomass processing:

The latest development from Willibald has a rotor with 12 extremely strong double flails, which were combined with a refined system of interchangeable tips. Depending on the requirements of the material, it is possible to run the Rotor system on the one hand with 24 freely swinging hard metal tips or on the other hand with 12 (fixed) blades. This model of the EP 5500 series provides almost outstanding results in the processing of biomass.



Transport position

less than  
10 m overall length

Wheel Drive

Reversing fan



All functions  
easy operated  
through remote control

All functions

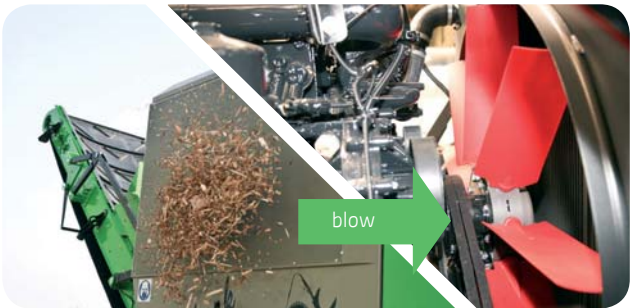
MAN Engine power  
with the latest  
emission standard

Efficient Bosch Rexroth  
Hydraulic with load  
sensing

Effective power  
transmission through  
power belts



suction



blow

Maintenance position

fast and safe  
maintenance access



Shark  
ECO POWER  
with KNOW HOW

Sensor controlled  
easy adjustable rakes  
and screen via remote  
control to suit your  
individual product  
requirements. Display  
monitoring



Low maintenance  
infeed floor  
Aggressive infeed roller  
with up to 90cm opening



Easy exchangeable  
screens are available from  
30mm - 250mm



Our unique access to  
the rotor allows one person  
to change wear parts in a  
minimal time.



Quick and easy  
exchange of hammers  
and milling strips