

EuRec[®] Shredder S 10

Brief description

With the development of presently the smallest **EuRec[®] Shredder** it was possible to design a shredder for those recycling companies which have less quantity of waste to treat and which require lower-cost and efficient shredding equipment.

Our developmental efforts resulted in the **extremely slow-speed 2-shaft Shredder S 10** which comes into use for different applications. No matter if you require a reasonably priced shredder or a slow-speed post-shredder, **S 10** meets both requirements. The new, by **EuRec[®]** developed **S 10** gearbox is of the same basic characteristics than the gearboxes of the bigger **S 16** and **S 20** Shredders, so high operational safety it is out of question.



Newly-developed gearbox

Newly-developed, patented shredding tools

Multiple labyrinth seal with backpressure lubrication

EuRec[®] Shredder S 10.00 on a basic frame (also available with wheel axle or stationary)

Because of their interlocking tool heads, **EuRec[®] 2-shaft Shredders** have a good draw-in and self-cleaning behaviour also in case of difficult materials. By choosing the right tool configuration and comb design we are able to predetermine the output grain size.



EuRec[®] Shredder S10.00 with tipping hopper and wheel axle



Stationary EuRec[®] Shredder S 10.10

Old timber, pallets, brush-wood, bushes, domestic waste, domestic-like waste, kitchen waste, paper, aluminium profiles, etc. will all be processed with the **EuRec[®] Shredder S 10** low-noise and with low tool wearing. While the **S 10 (Shredder)** is applied to produce an output grain size up to 180 mm edge length, the shredder of type **S 10 (Post-Shredder)** is able to achieve a grain size up to approx. 120 mm.

Just as the bigger **EuRec[®] Shredders S 16, S 20 and S 25**, the **EuRec[®] Shredder S 10** provides a good decomposition of the **organic components** of the residual waste for further treatment.

Specifications

Drive	Electric or diesel hydrostatic with automatic reversing device	
Drive Performance	Diesel motor (D) approx. 180 kW (Diesel Euro grade 3a) or Electric motor (E) 1 x 110 kW or 1 x 160 kW	
Designs	S 10.00	Semi-mobile on hook-lift frame or basic frame
	S 10.10	Stationary on a robust sectional steel frame with a separately positioned drive unit
Folding Conveyor¹	With hydraulic support; manually operated (eases the transport of the machine)	
Conveyor Width	1000 mm	
Gearbox	Manufacturer	Developed by EuRec®
	Nominal Torque	100.000 Nm
	Maximum Torque	120.000 Nm
	Gearbox Fixing in two Rows	X
Tool Shafts	2 rotors with interlocking tool heads	
Shaft Revolutions	S 10 Shredder	S 10 Post-Shredder
Standard Revolutions	18 min ⁻¹	24 min ⁻¹
Output-controlled Revolutions	11 - 33 min ⁻¹	15 - 44 min ⁻¹
Inner Hopper Dimensions	Length 1390 mm x width 1415 mm	

¹ valid for S 10.00

Accessories²	S 10.00	S 10.10
Radio Remote Control	X	X
Tipping Hopper	X	optional
Hopper Extension	optional	optional
Breaker Bar	optional	optional

² Optional accessories available: **wheel axle** (no road traffic regulations – STVO), different **chassis**, different **overband magnets**, **hydraulic supporting members**, **water spraying or fogging equipment**, **soil and stone crushing shafts** etc.

Throughput³	S 10 Shredder	S 10 Post-Shredder
Old Timber	up to 30 t/h	up to 15 t/h
Domestic Waste	up to 25 t/h	up to 12 t/h
Bulky Refuse/Industrial Waste	Not suitable	No field of application
Grain Size	Dependent on type and composition of input material	

³ Dependent on waste composition, requested output grain size, feeding system, etc.

Give us a call; our team of experts will give advice!

Subject to modifications (Update 08/2007)