

AMS Series Single Shaft Shredders

The AMS shredders have been designed for a wide array of applications and industries like in house and general recycling, electronic waste and post consumer waste handling, input materials can be all kinds of plastic like lumps, pipes, film, woven bags, electronic waste like cables and ICBs, paper, wood and other organic materials, depending on input material and the following process the shredded material as defined by the used screen size can be directly used or go into the next step of size reduction for example in a granulator.



Specifications 规格表

机型	Type	AMS2260	AMS4080	AMS40100	AMS40120	AMS40150
主电机功率	Motor Power	kW 18.5	37	45	55	75
主轴转速	Rotating speed	rpm 80	80	80	80	80
回转直径	Rotation diameter	mm \varnothing 220	\varnothing 410	\varnothing 410	\varnothing 410	\varnothing 410
转子长度	Rotor operation length	mm 800	800	1000	1200	1500
推料行程	Ram	mm 500	815	815	815	815
动刀数量	Rotating Blades	Pcs 23+4	42+4	54+4	66+4	90+4
定刀数量	Fixed Blades	Pcs 4	4	4	4	6
料斗开口	Hopper inlet	mm 790*600	1300*800	1300*1000	1300*1200	1300*1500
出料高度	Discharge height	mm 447	565	565	565	615
筛网更换	Change screen mesh	Manual	Hydraulic	Hydraulic	Hydraulic	Hydraulic
液压站功率	Hydraulic motor power	kW 1.6	2.6	2.5	5.5	5.5
料斗容积	Hopper volume	L 760	1500	1780	2030	2430
重量	Weight	kg 1650	3650	4250	5050	6300
筛网孔径	Screen size	mm \varnothing 40	\varnothing 40	\varnothing 40	\varnothing 40	\varnothing 40
外形尺寸	Dimensions					
L	mm	1780	2800	2800	2800	2800
W	mm	1292	1775	1985	2500	2805
H	mm	1666	2150	2150	2150	2150

We reserve the right to change specifications without prior notice.

AMS系列破碎机的设计可满足各种行业的废料回收要求,包括一般废料回收、电子废品回收及生活垃圾回收处理等。可回收材料种类繁多,例如各种塑料制品包括块料、管材、薄膜、编织袋等,以及各类电子电缆废料、ICB桶、废纸、废旧木料及各种有机材料。可根据破碎材料及下一步加工需求选择合适筛网孔径来决定回收料的尺寸,有些材料经破碎后可直接回收使用,有些则可输送到系列破碎机等设备以作进一步细化处理。

GRANULATORS
LIMITED

SINGLE SHAFT SHREDDER

单轴破碎机



AMS



AMS series of single shaft shredder are small to medium size reduction machines suitable for processing a wide range of materials to a uniform particle size. The products can often be sold as is, or be sent for further processing through additional equipment (granulators). Throughputs typically range between 300kg/hr - 5,000kg/hr+ depending on the model, material type.

AMS系列单轴破碎机具有中低速、大扭矩特点,主要用于破碎各种形状,大小不一的物料。根据破碎物料类型,产量大约在300公斤/小时至5000公斤/小时之间。经过粉碎后的物料可作为原料销售,也可以通过粉碎机做进一步的细化处理。客户可选配冷却系统、转子表面硬化处理及其他抗磨装置。

Material reduce expert

AMS系列撕碎机的设计可满足各种行业的废料回收要求，包括一般废料回收、电子废品回收及生活垃圾回收处理等。

AMS Series

SINGLE SHAFT SHREDDERS

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单轴撕碎机

Control panel 电器部件

- 独立电控柜 - 采用国际知名品牌控制系统和电气元件。
- 手动/自动两种操作模式切换系统，操作灵活且安全。
- 智能控制系统 - 过载时转子自动反转，缺料时设备运行自动停止。
- 具有马达过载保护功能。
- Equipped with independent Electrical control panel, Famous PLC control system and electrical components
- Manual & automatic operational modes to choose, quite flexible and safe.
- Intelligent program-motor auto reverse for overload, stop when machine idles.
- The shredder of this series has the motor overload protection



- Quick change screens For accurate particle size control.
- Safety limit switch fitted to screen access door-prevents machine from running when the access door is open
- Manual and hydraulic change screen mesh.
- Star screen optional for thin and / or flexible material like film.

- 可选择不同尺寸筛网孔径来达到所需要的颗粒尺寸。
- 筛网托架安装安全开关，防止托架开启时转子运行，以确保操作人员的安全。
- 手动和液压换网装置，操作方便。
- 特殊筛网可适应各种特殊物料。

Screen Basket 筛网



Hydraulic system 液压站

- 双速液压系统 - 换料箱高速启停，大大缩短启停时间，使生产达到最佳优化。
- 风冷装置 - 保持液压系统油温，满足连续生产的需求。
- 盖板全密封 - 从安全角度出发，在处理木材等物料时可选择全密封盖板。
- Twin speed hydraulics can be adjusted to achieve optimum production.
- integrated oil / air cooler : maintain the temperature for continuous operation.
- cover insulator optional: for applications e.g wood shredding to avoid explosion.



AMS40120

Rotor 转子

- V型转子动力排列，高效、大剪切力破碎能力，使破碎更强劲有力。
- 刀具采用进口DC53材料，经特殊工艺处理，更加经久耐用，用钝后可多角度更换，寿命特长。
- 针对各种硬料可适配经过优化处理的转子，坚固耐用。
- V type rotor design, energy efficient and maximum cutting force.
- Knives are made of imported material DC53, through special manufacture process and heat treatment, the knives become more durable. Adjustable knives can be rotated and used on four edges before replacement.
- Optional weld on hard facing is available for abrasive applications.

Ram 推料箱

- 推料箱设有可调节导向块，与之配合的导向架安装于箱体内部四侧。
- 体式前部导向板，安装于箱体内部旋转，确保强度及耐久并保护刀调节螺栓。
- 先进的推料箱可调节密封系统。
- 漏灰箱，将破碎过程中产生的粉尘导出料箱。
- Segmented shredding chamber floor with brass guides
- Machined one piece segmented floor
- Advanced adjustable sealing system for the pusher unit
- Fines discharge chute to collect the fines during shredding to protect the hydraulic power pack

