



Large Size Double Shaft Shredder

AMSD Series double-shaft shredder can meet the waste recycling requirements of various industries, and is suitable for shredding thick and difficult to shred materials, such as: electronic waste, plastic, metal, wood, waste rubber, packaging barrels, pallets, etc. There are many types of recyclable materials, and the shredded materials can be recycled directly or

further refined according to requirements. Large Size Double Shaft Shredder is suitable for industrial waste recycling, medical recycling, electronics manufacturing, pallet manufacturing, wood processing, household garbage recycling, plastic recycling, tire recycling, papermaking and other industries. This series of double-shaft shredder has the characteristics of low speed, large torque, low noise, etc. It adopts PLC control system, which can be automatically controlled, and is equipped with start, stop, reverse and overload automatic reverse control functions.

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1. Large Size Double Shaft Shredder Introduction

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The double-shaft shredder adopts double-shaft independent drive, so that during production, the material will be compressed accordingly to achieve the automatic feeding function. The unique cutter shaft structure and rotary cutter can produce at low speed and high torque. During the process, there will be no winding shafts or jamming of the

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equipment, thereby improving the production efficiency. The equipment is suitable for the crushing of various materials with high toughness and viscosity.

2.Large Size Double Shaft Shredder Parameter (Specifications)

Model		AMSD-43100	AMSD-43120	AMSD-52140	AMSD-52160	AMSD-75160	AMSD-75200
Power	kw	22+22	30+30	37+37	45+45	110	150
Rotor Speed	rpm	14	14	14	14	10	10
Rotor Working Length	mm	1000	1200	1400	1600	1600	2000
Rotor Diameter	mm	430	430	520	520	750	750
Blades Thickness	mm	50	50	50	50	50/80	50/80
BladesQuantity	pcs	20	24	28	32	32/20	4/25
Shredding Room Size	mm	830X1000	830X1200	1100X1400	1100X1600	1500X1600	1500X2000
Discharge Height	mm	900	900	950	950	1450	1450
Weight	kg	5300	6500	11500	15000	31000	35000
Dimensions:							
L	mm	3200	3400	5000	5300	6500	7000
W	mm	1280	1280	2250	2250	2500	3350
H	mm	2150	2150	2600	2600	4000	4000

Please excuse for not note if some specifications of products are changed.

Note:

- 1) The output capacity depends on the screen diameter, material quality and feeding frequency.
- 2) The screen mesh diameter can be made according to customers' request.
- 3) The running noise depends on varied shredding material.
- 4) The standard power supply is 3Ø 380V 50Hz. Other power supply is available.

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3. Large Size Double Shaft Shredder Features & Application

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1. The design of this machine is reasonable, and the body is welded with high-quality steel.
2. Fastened with high-strength screws, solid structure and durable.
3. The design of the main machine is exquisite, and the shredded material adopts a separate design to make the output higher.
4. The processed and broken pieces are uniform and the loss is small. Multiple screens can be replaced at the same time to meet different needs.
5. Equipped with knives of different materials at the same time, so that the knives can be adjusted telescopically for different materials, and can be ground after being blunt. They can be used for multiple times and have a long life.
6. This machine has the advantages of advanced structure, beautiful appearance, easy operation, stable operation, low investment and high efficiency.
7. Equipped with an enlarged pulley to increase the inertia of the crusher, which can save energy and powerfully crush.

【Advantages of Double Shaft Shredder】

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Plastic materials before shredding and after shredding:





4. Large Size Double Shaft Shredder Details

1. Equipment structure: This equipment is mainly composed of feed silo, broken double stick, power distribution control system, discharge conveyor and power drive;
 2. Feeding silo: place the wood to be crushed to prevent the wood from splashing out and causing accidents when it is crushed;
 3. Double crushing rollers: The double rollers are equipped with wear-resistant knives. After all the cutter heads are assembled, a spiral knife is formed. After rotating, each cutter head is guaranteed to be evenly stressed. The double rollers are fastened to ensure that there is no large gap between the two roller cutter heads. , The wood is broken through the scratching of the knife and the squeezing between the double sticks;
 4. Power system: the feed is driven by a reducer;
 5. Discharge conveyor: independent power system, the whole is bolted to the crusher, which can be drawn out as a whole, and the maintenance and replacement parts are flexible and convenient;
- This type of equipment can directly fix, hook, and squeeze the materials fed into the feed bin through the crushing double rollers to complete the crushing process.

[Materials suitable for crushing by this machine are as follows]

1. Various hollow containers: plastic beverage cans, plastic barrels, iron barrels, packaging boxes, packaging barrels
2. Waste home appliances: TV, washing machine, refrigerator housing
3. Pipes: large pipes, pipe fittings, PE pipes

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4. Waste templates: wooden pallets, plastic pallets, forklift pallets
5. Waste tires: car tires, truck tires
6. Scrap metal: car shell, aluminum alloy, waste cast aluminum parts, engine shell, lead, and steel plate with a thickness of less than 5mm
7. Food waste, domestic waste, animal carcasses, RDF derivatives, medical waste, biological oranges, garden waste
8. Plastic head material, twisted rope in paper mill

5. Product Qualification

Aumax Plast has been focusing on R&D and manufacturing of plastic recycling machine and auxiliary equipment for injection molding machine, blowing molding machine and plastic extrusion line for more than 15years.

We have obtained various domestic and foreign certifications such as ISO9001, ISO14001, CE, etc., which fully demonstrates that our products fully comply with international standards and the quality of products is guaranteed.



6. Delivery, Shipping and Serving

Normally, the delivery time of our plastic machines is 10-20 days after order confirmed and advance payment. AMSD Twin Shaft Plastic Shredders are packed in plywood cases. Usually, we ship large machines by LCL or FCL ocean shipping. Sometimes, customers need machine urgently, we ship machine by air or express.

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Packing:



Shipping:



Sea Transportation



Air Transportation



Express

7. FAQ

1. Q: What is the MOQ?

A: The MOQ is 1 set for all products..

2. Q: Where is the loading port?

A: The nearest port to our factory is port of Ningbo, China, as well as we can send machine to Yiwu, Shanghai, Guangdong or any other cities in China.

3. Q: What are the payment terms?

A: The preferential payment term is T/T, while other payment terms are negotiable.

4. Q: What are your terms of delivery?

A: We accept FOB, CFR, CIF, EXW, and DDU. You can choose the terms which is the most convenient and cost effective to you.

5. Q: How does your factory carry out quality control?

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A: Powerful R&D teams and professional QC department take care of every detail during design, processing, assembling, testing and packing.

6. Q: Can you supply OEM and customized products?

A: Yes, we can supply OEM / ODM service. Our engineers have rich experience in design and production of plastic auxiliary equipment. We can supply special products according to your ideas and drawings.

7. Q: What about warranty terms?

A: We provide one year warranty for all of our products. During warranty period, if any machine parts damaged due to quality, we will send the new parts by courier immediately by free of charge. Also, we supply 24 hours online service and technical support.

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