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CT SHREDDER

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FEATURES:

- » CTX series shredding and crushing machine combined in one-piece unit. It brings input materials such as discharge and bulky objects to the desired granule size in two stages.
- » From wedges, 40mm pieces to 10mm recycled material, proven size reduction technology produces even and smooth recycled material that is ready for immediate reuse.
- » Without a conveyor between the shredder and the crusher, the compact design saves up to 65% space for your factory.
- » The integrated crusher and grinder with intelligent control enable energy saving and continuous operation.
- » Plastic wedges, flushes, and defective materials.
- » Zyclone Collection.
- » Fast material collection, dust-free collection by reducing labor. Easy material recovery with no dust and less labor.
- » Conveyor Feeding.
- » With continuous material feeding, it works in accordance with the shredder/crusher workload.
- » Metal Separation
- » It prevents foreign objects from reaching consecutive machines.
- » Individual shredder; Compared with granulator and conveyor, space-saving is maximized, and investment is minimized.
- » One-step size reduction to desired final output size.
- » The pusher with curve ensures continuous operation and eliminates residual material
- » The automatic reverse system redirects the shredder rotors in the event of motor overload and material jams.
- » Shredder rotor blades are made of DC53 and crusher blades are made of Cr12Mov
- » Shredder and crusher are driven separately for better control.
- » Main electrical components and trusted brands such as Siemens and Schneider



Solid, Stable and Combative Jumbos

FEATURES:FEATURES:

- » Working principle
- » The working principle of the shredder blade: In the daily operation, the shredder can put the material into the chassis through the feeding system, and the motor drives the power system to make the shredder blade move and fixed knife to cut. The action of squeezing and shredding is repeated to complete the shredding of the material, and then the shredded material is discharged through the screen, so that the operation of shredding the material is completed.
- » Scope of application
- » The main crushed materials of the uniaxial plastic shredder: plastic, head material, plastic head material, nozzle material, plastic block, plastic film, agricultural film, plastic film, PP woven bag, ton bag, ton bag, stretch film greenhouse film, pipes, PE bottles, daily miscellaneous plastic bottles, plastic tables and stools, foam, etc.
- » Product Introduction
- » Function introduction of single shaft plastic shredder: P series single-shaft shredder is a small, high-performance, high-efficiency, and high-output shredding equipment suitable for shredding plastic materials. It is suitable for shredding plastic products, pipes, plastic heads, nozzle materials, machine head materials, etc. with high toughness and high hardness. The single-shaft shredder P series machine is equipped with push material setting and PLC automatic control system to realize intelligence. According to the type of crushed plastic material, the output of this series of P260 single-shaft plastic shredders is about 300kg/hour to 2000kg/hour.



Model	T4150	T4200	T6170	T6220	T8180	T8240
Crushing Chamber AxB	1400x1500	1400x1500	1500x1600	1500x2200	1580x1800	1580x2200
Maximum Production Capacity (KG/H)	3000	4000	4700	5800	6500	8500
Rotor Diameter (mm)	450	450	600	600	800	800
Rotary Blades (PCS)	88	118	94	130	106	142
Number of Fixed Blades (PCS)	6	8	6	8	8	8
Motor Power (KW)	90	55+55	132	90+90	90+90	132+132
Hydraulic Motor Power (KW)	7.5	7.5	11	15	11	15
Dimensions UxGxY (mm)	3500x3100x2400	3500x4500x2400	3800x3200x2800	3800x4700x2800	4200x4300x3400	4200x4900x3400
Overall Machine Weight (KG)	11000	14.800	13.800	18000	16000	20000

*Maximum production capacity is the rubber head that is not ABS with screen diameter of 40 mm.

Small single shaft shredder

Working principle

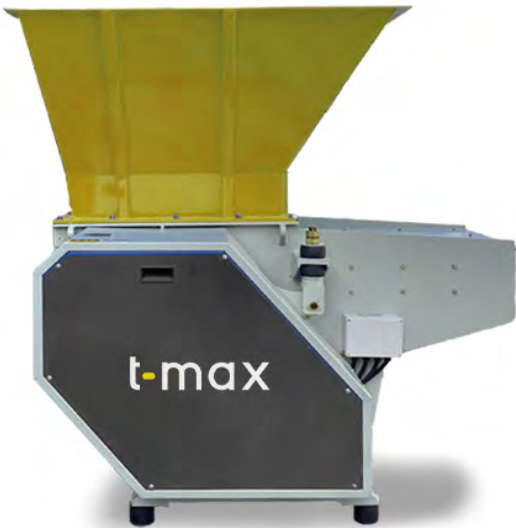
- » Plastic shredder (single shaft) is mainly composed of spindle, blade, fixed knife, box feeding system, pushing system, power system, etc.
- » It uses the interaction between the moving knife and the fixed knife, and controls the discharge size through the screen, and shreds, cuts, and extrudes the material to a smaller size.
- » It is often used for primary crushing of various plastic solid wastes, and can process materials to smaller sizes at one time.
- » It has the characteristics of controllable discharge particle size, wide material applicability and high efficiency.



Small, Single Shaft Shredder

Scope of application

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Product Introduction

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Scope of Application:



Leather-Fabric



Back rest



Pet Plastic Bottle

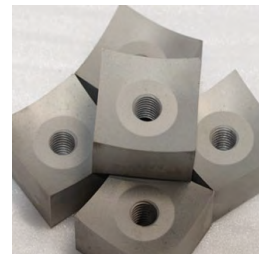
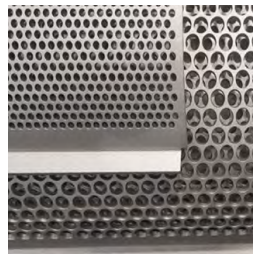
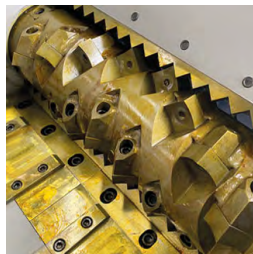


Big Bag Breaking



Wood

Main Components:



Characteristics of the Equipment

- » The moving knife is made of DC53 material, and the fixed knife is made of D2 material
- » For hollow and large-volume materials, a pressing device can be selected.
- » Automatic overload protection function to avoid serious overload and jam of the machine. International brands such as Siemens and Schneider
- » The split-type combination technology is adopted, which can quickly and effectively replace the blade.
- » The movable knife can be replaced and the cutting edge needs to be replaced after 2 times, which reduces the operating cost.
- » The screen mesh is highly interchangeable and can be replaced
- » The guide bars and guide blocks in the push box can be replaced and adjusted to maintain smooth pushing and the sealing of the crushing chamber.



Model	P260	P380	P3120	P3150
Feeding Size A*B (MM)	500*580	850*800	850*1200	850*1400
Maximum Production Capacity (kg/hour)	500	1200	2000	2200
Rotor Diameter (MM)	250	400	400	400
Rotary Blades (pcs)	26	38	58	82
Fixed Blades (pcs)	4	4	4	4
Screen aperture (MM)	40	40	40	40
Motor Power (KW)	18.5	37	55	75
Hydraulic Motor Power (KW)	1.5	3.7	5.5	5.5
Dimensions (L*W*H MM)	1760*1300*1850	2850*1760*2210	2850*2560*2330	2850*2760*2330
Overall weight (KG)	1750	4150	5300	5900

Remarks: The maximum production capacity is the calculation of non-ABS plastic head with 40mm screen diameter

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Tepro Makina ve Otomasyon Sistemleri San. ve Tic. A.Ş.
İnönü Mah. Gebze Güzeller OSB, Nursultan
Nazarbayev SK. No:14, 41400 Gebze / Kocaeli
+90 (216) 709 26 00

www.t-max.com.tr