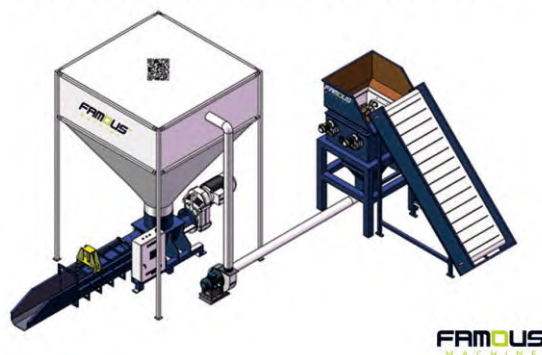
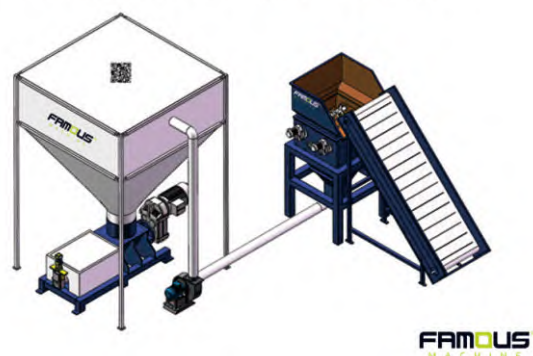


MORE

COMPACTOR WITH SILO SYSTEM



MELTER WITH SILO SYSTEM



FMS Silo Line System is the complete package for efficiency and performance for your foam recycling operations. The design configuration employs a large textile buffer silo between the foam grinding operation and the compression system. The separation of the grinding unit from the compacting system eliminates the capacity limitation of the compactor at the grinding operation.

PELLETIZING LINE



CRUSHING&WASHING LINE



FMS also provides more types of waste plastic washing line and granulation line, such as PE FILM, PP WOVEN BAGS, HDPE BARRELS, PET BOTTLES, etc.

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Applications & Solutions

Plastic Recycling Technologies

- > Shredder & Crusher
- > Foam Compactor & Melting Machine
- > Plastic Washing & Pelletizing Line



WHAT WE CAN DO

Famous Machinery provides customized equipment for size reduction and recycling of waste plastics

- 1.Shredder & Crusher
- 2.Foam compactor & Foam melter
- 3.Plastic washing & pelletizing system

The objects we deal with are common in our life as follows (but not limited to) :



PP/PE/ABS/PVC
lumps and other waste
plastic purgings,etc.



PE/PP PET
BOTTLES



Plastic barrel/drum/pipe,
wood/metal,etc.

FILM OR
FIBER



EPS fish box



EPE,XPS FOAM material



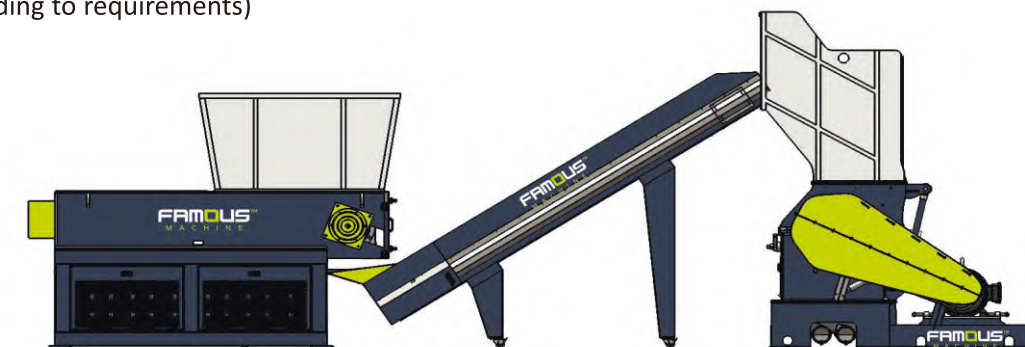
EPP insulation box



SHREDDER & CRUSHER

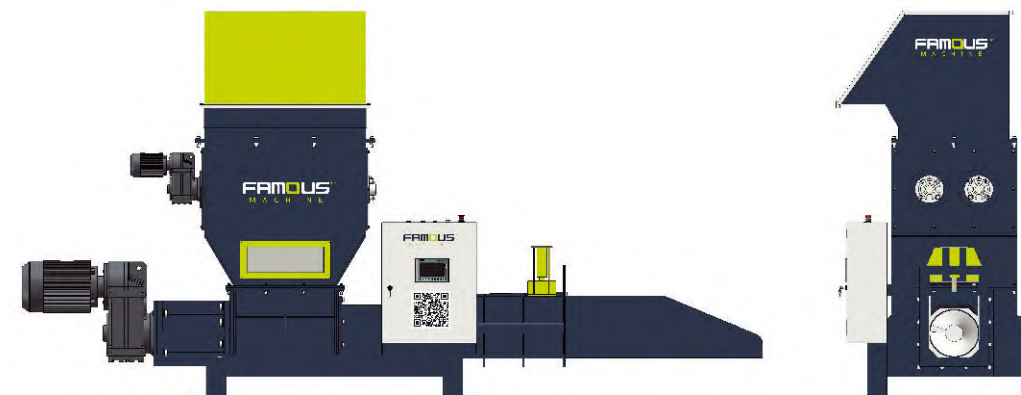
Single shaft shredder machine can shredder plastic lumps, barrels, pipes , wood, wood pallet, big block material, plastic container, plastic chair, plastic pallet, woven bags, jumbo bags, cable, etc.

Crusher can crush material from big size to small pieces less than 12mm (Customized according to requirements)



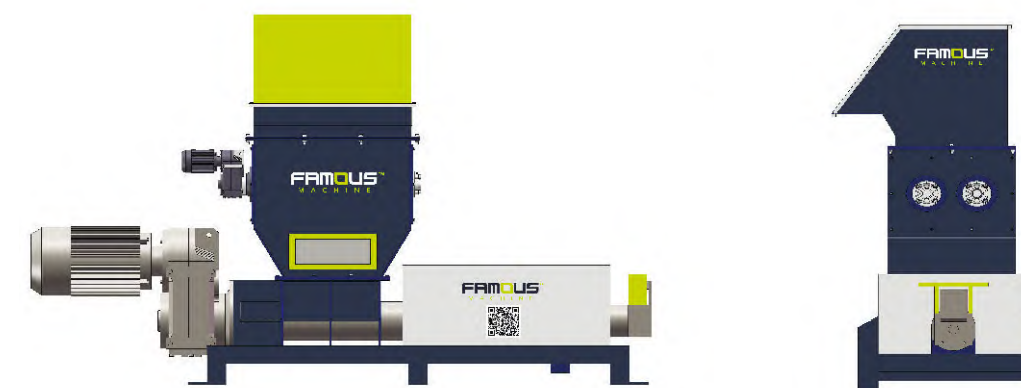
FOAM COMPACTOR MACHINE

Foam screw compactor use augers to push foam through a chamber at a specific speed and pressure to densify the foam into a solid log or block.The material is compacted by physical pressure instead of heat.



FOAM MELTING MACHINE

Foam hot melting densifiers use heat to melt foam into a taffy-like state.The foam is extruded in the form of a rope and then transferred to containers





XR SERIES SINGLE SHAFT SHREDDER

Suitable Products:

The single-shaft shredder is used to recycle plastic, paper, wood, fiber, cable, rubber, home appliance, light steel, municipal solid waste, etc. It is ideally suited for the reduction of a wide range of different materials:

- Refuse-derived fuel: straw, municipal solid waste;
- Textile: cloth fiber, nylon;
- Paper: industrial waste paper, packing paper, cardboard paper;
- Cable wires: copper core cable, aluminum cable, composite cables;
- Polypropylene pipe, industrial packaging & plastic films, PP woven bags;
- Plastic: plastic block, plastic sheets, PET bottle, plastics pipe, plastic container, plastic drums;



Product Parameters:

Model	Motor (kw)	Diameter of rotor (mm)	Speed (rpm)	Rotating Knife (pcs)	Fixed Knife (pcs)	Hydraulic Motor power (kw)	Weight (kg)
XR600	22	Φ280	75	26+4	2	2.2	1550
XR800	45	Φ400	75	34+4	2	3	3500
XR1000	55	Φ400	75	48+4	2	4	4000
XR1200	75	Φ400	75	64+4	2	5.5	5000
XR1500	90 or 110	Φ450	75	76	2	7.5	6200



XRF SERIES NEW TYPE CRUSHER

Description:

This machine is suitable for crushing film, sheet and bag, the machine support is made of strong welding steel, the crushing chamber has two parts with hydraulic device, it is easy to open the cover. The inside blade is made of D2 material, and "V" type construction. The hole size of screen can be designed according to customer's requirement. The bearing is installed outside of the crusher to avoid the dust, it prolongs the life of service.



Product Parameters:

Model	XRF600	XRF800	XRF1000	XRF1200	XRF1600
Rotating diameter(mm)	380	450	500	620	660
Speed(rpm)	600	600	600	600	600
Rotating knives(pcs)	6	6	10	10	10
Fixed knives(pcs)	4	4	4	4	4
Motor(kw)	22	30 or 37	45 or 55	75 or 90	110



FCP SERIES FOAM COMPACTOR MACHINE

Suitable Products:

Foam compactor is specially used for EPS plastic foam and polystyrene foam,EPE,EPP,XPS,etc. such as foam box, EPS foam board, EPS foam fast food box, etc.

Product applications:

The foam compactor is used to compress EPS foam plastics, increase the density, compress the foam into lumps, greatly reduce the volume of EPS foam, facilitate the recovery, stacking, storage and transportation of foam plastics, save space and reduce transportation costs, and increase economic benefits.



Product Parameters:

Model	FCP200	FCP250	FCP380
Capacity	40-50kg/h	80-100kg/h	150-200kg/h
Screw Diameter	Φ180mm	Φ240mm	Φ350mm
Input size	560mmx400mm	900mmx600mm	1000mmx900mm
Screw rotation speed	36rpm	42rpm	42rpm
Crusher blades	7sets	9+10sets	10+11+10+11sets
Blade rotation speed	120rpm	120rpm	120rpm
Main motor	4kw	7.5kw	15kw
Crusher motor	3kw	3kw*2sets	3kw*4sets
Hydraulic motor	No	1.5kw	1.5kw
Production size	200x200mm	250x250mm	380*380mm
Machine Weight	1200kg	1500kg	2500kg



FHM SERIES FOAM MELTING MACHINE

Working Principle:

The operator firstly runs the heating system to pre-heat the screw to reach rated temperature, and then throw feed into hopper of the machine, the pre-breaker with rotating knife shafts will crush it into 40~50mm pieces, which are forced by a screw into the extruder system.

Suitable Products:

It is suitable for **EPS/EPP/ EPE/ XPS/ PUR/ EVA** plastic foam and polystyrene foam, such as foam box, EPS foam board, EPS foam fast food box, etc.



Product Parameters:

Model	FHM100	FHM200	FHM400
Capacity	40-50kg/h	80-100kg/h	150-200kg/h
Feeding size	650*400mm	900*600mm	1000*900mm
Screw diameter	φ138 mm	φ190mm	φ190mm
Screw speed	165 r/min	110 r/min	150 r/min
Heating power	3kw	10kw	10kw
Main Motor power	7.5kw	15kw	22kw
Crusher motor power	3kw	3kw*2sets	3kw*4sets
Crusher blades quantity	7sets	8+9sets	10+11+10+11sets
Machine weight	900 Kg	1500kg	2200kg