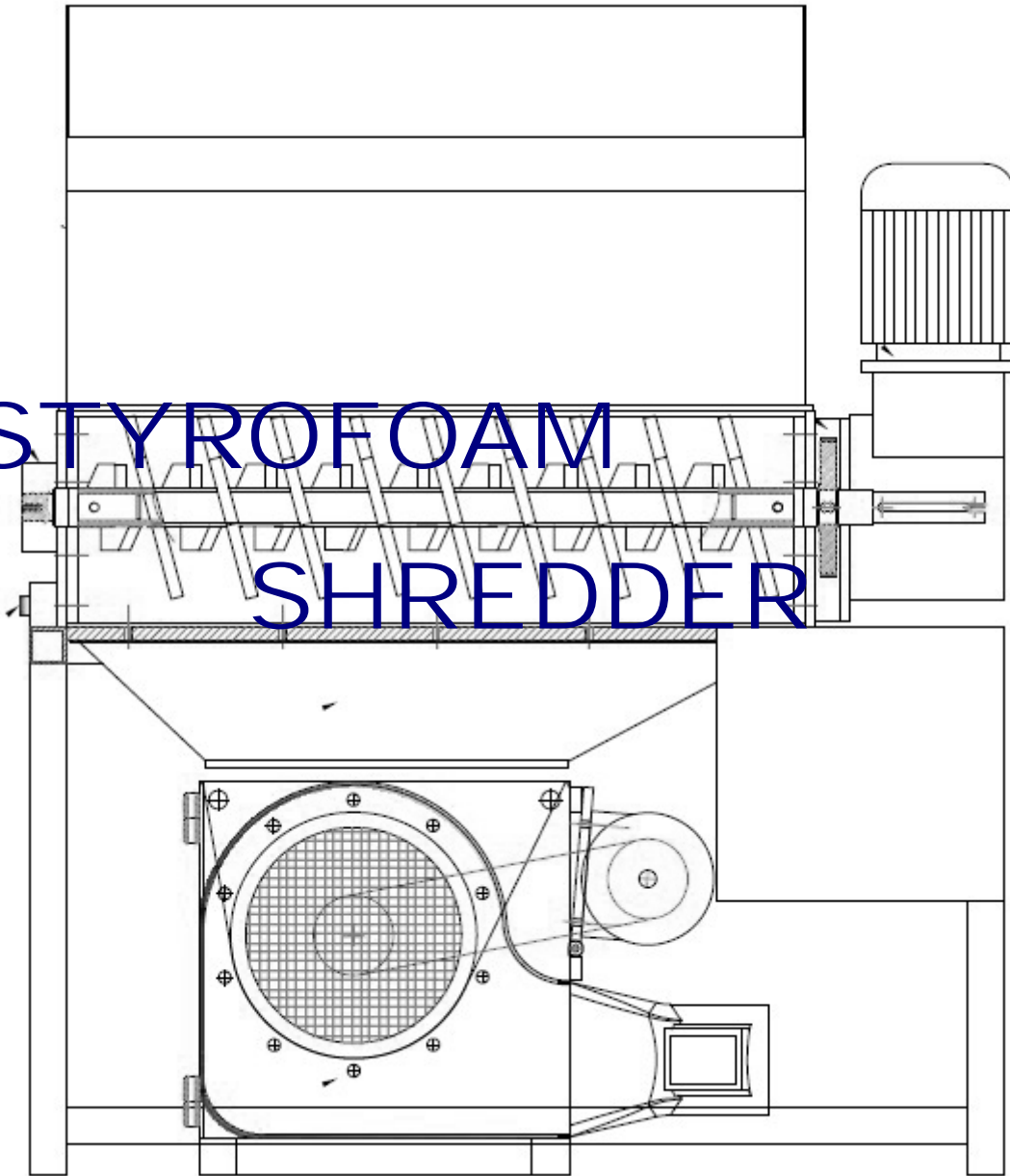


**STYROFOAM
SHREDDER**



Styrofoam Shredder: FS Series + F Series

Styrofoam Shredder is an optimum solution for all EPS or EPP shaped parts manufacturers, allowing them to reintegrate their missing parts completely back into the production process. The Styrofoam shredder adopt dense rotor cutter , cross- cut structure.

Styrofoam shredder is composed of Foam shredder and Foam grinder. An efficient Foam shredder with two ripping blade shafts first reduces the shaped parts into pieces 30-60 mm, then a foam grinder further reduce these pieces into the desired particle 3-10 mm.



Function Principle

An efficient two shaft pre-breaker crushed the used mould parts, and the flakes drop into an intake cone below, and the grinder crushed the flakes into a smaller piece, and the blower conveys the final particle to a silo.

APPLICATION

Crushing of shape mould pre-dominantly of particle foams (EPS、EPP、EPE) down to a piece size of approx. 3-10mm.



Feature

- Low operating and maintenance costs.
- More environmental protection.
- Prepared EPS or EPP granulate can be reused in manufacturing new shaped parts.
- Lower dust generate in the finished milled product.
- Low energy consumption.
- Easily for operate.
- Transportation by blower.

Styrofoam Shredder: Foam Shredder + Foam Grinder

Technical Data Of Foam Shredder:

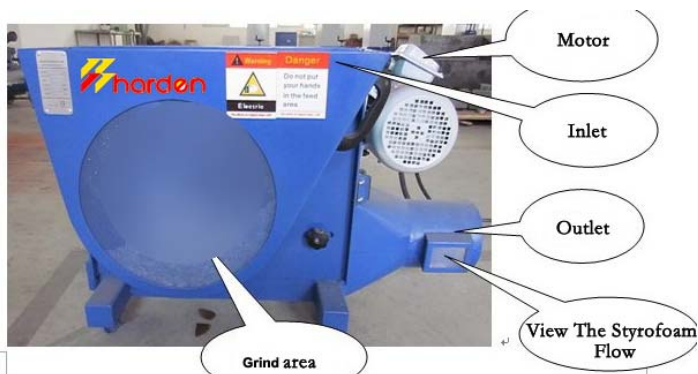
Foam Shredder	FS180	FS250	FS370	FS430	FS1200	FS1500
Motor Power HP	1	2	4	5.5	6.5	7
Motor Power kw	0.75	1.5	3	4	4	5.5
Feed opening L mm	335	420	500	500	550	650
Feed opening W mm	465	660	950	1000	1200	1500
Shaft distance mm	150	180	200	200	220	270
Rotor speed rpm	36	36	28	28	28	25
Machine weight kg	190	220	750	800	1000	1250
Capacity kg/h	10~15	40~100	100~200	300~400	300~500	500~800
Foam Shredder	FSX430	FS650	Picture Of Styrofoam Shredder			
Motor Power HP	7	10				
Motor Power kw	5.5	7.5				
Feed opening L mm	700	700				
Feed opening W mm	1100	1250				
Shaft distance mm	180*180	180*180				
Rotor speed rpm	25	25				
Machine weight kg	1100	1300				
Capacity kg/h	400~600	500~800				



Styrofoam Shredder: Foam Shredder + Foam Grinder

Advantages

- Pre-reduced material significantly improves processing in foam grinder, compacting presses, or extruders.
- Reduced storage, transport, and disposal costs.
- More effective processes in waste management.
- High economical usage factor and efficiency.



Technical Data Of Foam Grinder:

Foam Grinder	FG250	FG370	FG430	FG650
Motor power HP	2	3	4	7
Motor power kw	1.5	2.5	3	5.5
Feed opening L mm	200	200	200	250
Feed opening W mm	450	550	600	770
Rotor speed rpm	1450	1450	1450	2900
Machine weight kg	200	250	350	500
Capacity kg/h	100~200	200~300	300~500	500~800

