Shredders

Primary and secondary size reduction for municipal, commercial, industrial and hazardous waste. Single-shaft, double-shaft and four-shaft configurations, with hydraulic drive options for high-torque duty.

8 models in this series. Capacities are indicative and depend on material bulk density, moisture, feed size and target output; a written capacity guarantee is issued against a material sample.

Double-shaft shredder SST-D series

The workhorse shear for plastic, rubber, wood and light metal scrap.

MODEL	CUTTER DIA. (MM)	POWER (KW)	CAPACITY (T/H)	OUTPUT (MM)
SST-D800	400	2 x 22	1.5 - 3	50 - 150
SST-D1200	500	2 x 45	6 - 10	50 - 120
SST-D1600	560	2 x 55	10 - 16	80 - 150
SST-D2000	600	2 x 90	16 - 20	80 - 150

Figures for rigid plastic at 200 kg/m3; tire and metal scrap reduce capacity by 30-50%.

Hydraulic double-shaft shredder SST-DH series

Hydraulic drive for the heaviest, most contaminated feed.

MODEL	CHAMBER (MM)	DRIVE	CAPACITY (T/H)	OUTPUT (MM)
SST-DH1200	1,200 x 1,000	Hydraulic 90 kW	3 - 8	80 - 150
SST-DH1600	1,600 x 1,200	Hydraulic 160 kW	8 - 15	100 - 200
SST-DH2000	2,000 x 1,400	Hydraulic 250 kW	15 - 25	100 - 200

Hydraulic power packs can be supplied skid-mounted away from the machine for tight sites.

Four-shaft shredder SST-F series

Bulky and tough waste reduced to a uniform output in one pass.

MODEL	CHAMBER (MM)	POWER (KW)	CAPACITY (T/H)	OUTPUT (MM)
SST-F800	800 x 900	2 x 55	5 - 8	40 - 120
SST-F1200	1,200 x 1,100	2 x 75	8 - 12	40 - 120
SST-F1600	1,600 x 1,200	2 x 110	12 - 18	30 - 100
SST-F2000	2,000 x 1,400	2 x 160	18 - 25	30 - 100

Capacity measured on mixed municipal waste at 350 kg/m3.

Tracked mobile shredder SST-M series

Track mounted, diesel driven, for work that moves between sites.

MODEL	CHASSIS	POWER	CAPACITY (T/H)	WEIGHT (T)
SST-M800T	Tracked	Diesel 180 kW	6 - 10	21
SST-M1200T	Tracked	Diesel 250 kW	10 - 14	26
SST-M1600T	Tracked	Diesel 400 kW	14 - 18	31

Transport dimensions and axle loads are supplied with the quotation for permit applications.

Single-shaft shredder SST-S series

Fine, uniform output with a hydraulic pusher and quick-change screens.

MODEL	ROTOR (MM)	POWER (KW)	CAPACITY (T/H)	OUTPUT (MM)
SST-S600	600 x 500	45	2 - 4	20 - 60
SST-S800	800 x 600	55	4 - 6	20 - 60
SST-S1000	1,000 x 700	75	6 - 9	20 - 80
SST-S1200	1,200 x 800	110	9 - 12	30 - 80

Measured on pre-shredded commercial waste at 250 kg/m3.

Small shredder SST-SM series

Compact unit for workshops, recycling points and pilot lines.

MODEL	CHAMBER (MM)	POWER (KW)	CAPACITY (T/H)	OUTPUT (MM)
SST-SM300	300 x 400	7.5	0.2 - 0.4	20 - 50
SST-SM500	500 x 500	15	0.4 - 0.8	20 - 60
SST-SM700	700 x 600	30	0.8 - 1.5	20 - 60

Also used as a laboratory unit to test material before a full line is specified.

Tire trommel shredder SST-TT series

Rotating screen and rotor combined, so tire chip leaves clean.

MODEL	DRUM (MM)	POWER (KW)	CAPACITY (T/H)	OUTPUT (MM)
SST-TT800	800 x 2,000	45 - 55	1.5 - 3	30 - 60
SST-TT1000	1,000 x 2,500	75 - 110	3 - 5	30 - 80
SST-TT1200	1,200 x 3,000	132 - 160	5 - 8	30 - 80

Feed tires below 1,200 mm; OTR tires need debeading upstream.

Film and roll shredder SST-FS series

Twin feed rolls that pull film in instead of letting it ride.

MODEL	FEED WIDTH (MM)	POWER (KW)	CAPACITY (T/H)	OUTPUT (MM)
SST-FS800	800	37 - 45	1 - 2	40 - 100
SST-FS1000	1,000	55 - 75	2 - 4	40 - 120
SST-FS1200	1,200	90 - 110	4 - 6	40 - 120

Wet or soiled film reduces throughput; a pre-wash stage improves both capacity and cutter life.