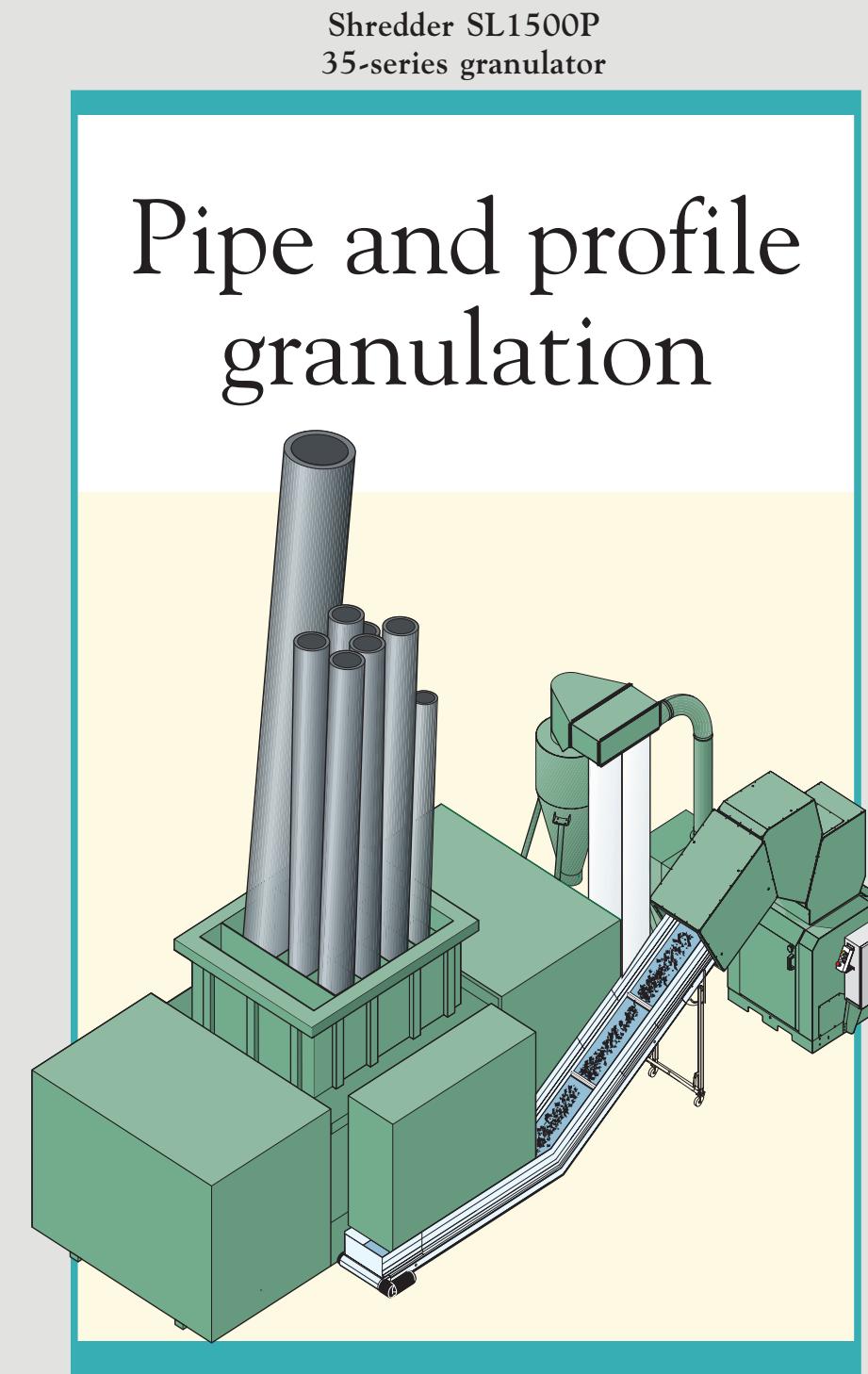


Head Office:

Rapid Granulator AB
Box 9, SE-330 10 Bredaryd, Sweden.
Tel: +46 (0)370 86500
Fax: +46 (0)370 80251

Representative:

0518-GB-1. Rights reserved for change of design without notice. Rapid Granulator AB/TC, Sverige, 2001



Rapid Shredder/Granulator solution

For recycling of pipes and profiles, the Rapid Shredder/Granulator solution offers a unique combination of features such as:

High performance – the shredder can take heavy duty pipes in six (6) metres length and with diameters up to 1400 mm, irrespective of wall thickness.

Low kW installed – the 37 kW shredder fragments pipes and profiles of all wall thicknesses, whereas a common single granulator normally requires a 160 to 200 kW motor for the same operation.

Low noise – the low rotor speed shredder in combination with a fully soundproofed medium size granulator operates at noise levels far below a single large central granulator with a 160 to 200 kW motor.

Automatic feeding control – enables the complete process to run at maximum capacity throughout the whole process of granulation down to reusable size of 6 to 8 mm granules. Features includes a double electronic control unit with drive overload protection for controlling the hydraulic cassette feeder, with automatic reversal function in case of blockage. Ammeter control of auger feeding the shredded material to the conveyor as well as controlling the feeding to the granulator at an even rate.

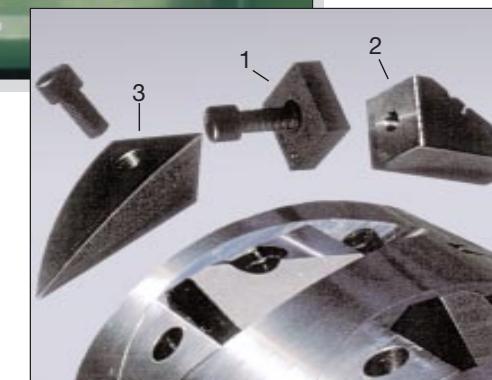


One of the major advantages with Rapid Shredder solution is the compact installation, only requiring approx. 8x4 m.

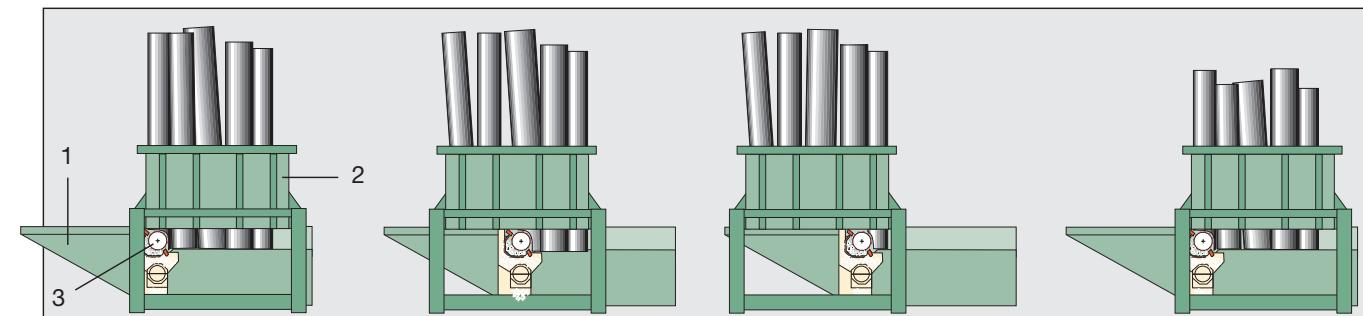
Fragmented material from the shredder is fed into the 3545-granulator. Granulator capacity up to 500 kg/h.



The size of the fragmented material is determined by an easy exchangeable screen. Different sizes between 20 to 50 mm are available.



The knives are positioned in a spiral round the circumference in order to reduce the energy consumption by shredding.



The shredder operates with a horizontal movement of the lower shredder unit (1). The cassette (2) is always in a fixed position. The low-speed rotor (3) with 283 mm diameter cuts into the

products in the cassette like a milling machine and moves horizontally along the whole bottom section of the shredder before reversing back to its start position.

Shredder	SL1500P
Cassette opening, mm	1450x1770
Rotor diameter, mm	283
Rotating knives	48
Set of fixed knives	6
Rotor revolutions, r/min	100
Shredder motor, kW	37
Hydraulic motor, kW	4
Throughput, kg/h	600
Weight, kg	6000

35-series granulator	3560
Cutterhouse opening, mm	350x600
Rotor diameter, mm	350
Rotating knives	5
Fixed knives	3
Screen hole diameter, mm	8
Motor, kW	32
Throughput, kg/h	up to 600
Weight, kg	1200