S72L500F

500 L single chamber

Natural biological conversion. Sensor-based phase assessment and AI-assisted process control.



Chamber volume	**500 L**
Average daily processing	**About 165 L/day**
Installed power / average draw	**15 kW / ~4.5 kW**
Dimensions (W x D x H)	**1400 x 1600 x 1600 mm**
Empty / full mass	**1500 / 2000 kg**
Electrical supply	**400 V / 3 phase / 50 Hz**
Operating ambient temperature	**0-45 °C**
Shredder	**Internal, double-shaft**
Operation / heater	**Fully automatic / electric**
Operator screen	**IP64 / 5 inch HMI**
Outer coating	**Corrosion-protected**
Output particle size	**5-10 mm**
Volume reduction	**70-80%**
Cycle / discharge	**About 72 h on average; AI ends the cycle**
Noise level	**Max. 85 dB**
Odour control	**Carbon and water filters, deodoriser; no flue**
Warranty	**2 years against manufacturing defects**
Manufacturing	**Sakarya Teknokent, Türkiye**

Cycle: The chamber is loaded at the start of a cycle, nothing is added during it, and it is discharged roughly every 72 hours; no operator tasks are needed other than loading. Daily processing is an average based on this cycle. Average power draw varies with feedstock. Curing and use suitability are assessed separately.

Control and cloud: Gas, compost/chamber temperatures, moisture and heat balance are assessed together. Monthly reports include energy, process and estimated carbon indicators. All data connections and reports are free in the first year with purchase.

Installation: Define a level concrete base, protected placement, handling access and service clearance during site review. Standard 2-year warranty against manufacturing defects; optional annual maintenance and fully extended warranty agreements. Remote support and on-site visits throughout Türkiye. Payment: foreign-currency-based leasing or 12 interest-free instalments.