



HIGH CAPACITY SHREDDING

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**TWIN SHAFT
SHREDDER**



**INTELLIGENT LOAD
MANAGEMENT**



HIGH TORQUE



**HIGH RESISTANCE TO
NON-SHREDDABLES**



VS750s SERIES

FEATURES AND BENEFITS



The EDGE VS750s is the next step in high-performance waste shredding—bigger, more powerful, and built for the most demanding applications. This twin-shaft, slow-speed shredder delivers over 80 tonnes per hour, making it ideal for large-scale operations needing consistent, reliable throughput.

Engineered to process tough materials like green waste, MSW, C&D waste, biomass, and end-of-life tyres, the VS750s is driven by a 563 kW (755 HP) CAT engine powering twin 2.5m shafts for aggressive intake and high-volume reduction.

Its intelligent shaft design resists wrapping, self-cleans, and reduces wear, while features like hydraulic hopper extensions, an automatic tipping hopper, and a “One Point” service area streamline operation and maintenance.

With customisable shredding programs and EDGE’s smart load management system, the VS750s delivers optimal performance, fuel efficiency, and unmatched versatility—setting a new standard in primary waste shredding.





KEY HIGHLIGHTS

- Highly robust design provides high durability and the ability to withstand difficult to shred materials.
- Twin-shaft design ensures exceptional material intake, reduces wear, promotes self-cleaning, and prevents material wrapping.
- Intelligent Self-Protecting control system with tramp metal cycles prevents against asset damage.
- Each shredder chamber configuration is designed to enhance application efficiency, ensuring optimal throughput and desired final particle size.

VS750s SERIES

DESIGN FEATURES

APPLICATIONS

MSW



GREEN WASTE



C&D WASTE



WOOD WASTE



RUBBER TIRES



WHITE GOODS



MATTRESSES



Hydraulic Hopper Extensions
increases hopper capacity
and loading flexibility

Hydraulic height adjustable
overband magnet with remote
functionality

1400mm (55") wide Discharge
Conveyor provides a maximum
discharge height of 4.7m (15'6")



Enables one man operation with all main
functions controlled via wireless remote

THE RIGHT CHAMBER FOR EVERY APPLICATION

Twin 2.5m long, synchronised shredder shafts incorporating EDGE's Intelligent Self-Protecting control system.

Heavy duty, hydraulic tipping hopper with automatic tipping cycle



VS Status Link provides a quick and simple communication link between the machine and the operator

C18 568Kw (755HP) Tier 4 Final / STAGE V engine. LRC Engine option also available

User Friendly control interface provides easy fine tuning and programme selection

Hydraulically driven, remote controlled tracks for easy on site mobility

VS750s SERIES

TECHNICAL SPECIFICATIONS

TRANSPORT DIMENSIONS

Length:	11385mm (37'4")
Width:	2900mm (9'6")
Height:	3500mm (11'6")
Shipping Method:	RoRo
Gross Weight (Est):	46,300KG (51UST)

Shredder Type	Vertical Slow Speed
Drive Type:	Hydraulic
Number of Shafts:	2
Shaft Length:	2.5m (8'2")
Shaft Diameter:	655mm (25.5")

HOPPER DATA

Hopper Capacity:	6m ³ (7.8yd ³)
Hopper Capacity w/Extensions	9.5m ³ (12.4yds ³)
Loading Height:	3500mm (11'5")
Loading Height w/ Extensions:	4000mm (13'2")
Tipping Mechanism:	Hydraulic

COLLECTION CONVEYOR DATA

Conveyor Length:	3700mm (12'1")
Belt Width:	1400mm (55")
Belt Speed	Variable

AVAILABLE OPTIONS

Tracked unit	Organic Shredder Chamber	Dust Suppression	Telematics
Static Unit	Overband Magnet	Discharge Conveyor Dust Cover	Fire Suppression
STAGE V / Tier 4 Final Engine	Magnetic Head Drum & Chute	Discharge Conveyor Head Chute	
Tier 3 / LRC Engine	Reversible Fan	Rubber Track Pads	
Fine Shredder Chamber	Auto Lube System	Arctic Pack	
Universal Shredder Chamber	Hydraulic Hopper Extensions	Auxiliary Hydraulic Connections	

DISCHARGE CONVEYOR DATA

Conveyor Length:	6900mm (22'7")
Belt Width:	1400mm (55")
Belt Speed	Variable

POWERUNIT DATA

Power Source:	STAGE V /Tier 4 Final CAT C18 563Kw (755HP)
Fuel Tank Capacity:	1100 Litres (290USG)

VS750s SERIES TECHNICAL DIMENSIONS



- A.** 4000 (13'2") - FEED IN HEIGHT WITH HOPPER EXTENSIONS
- B.** 3500 (11'6") - FEED IN HEIGHT WITHOUT HOPPER EXTENSIONS

AVAILABLE OPTIONS

CHAMBER CONFIGURATIONS



Universal Primary Shredder Chamber - Rapid volume reduction solution



Organic Waste Chamber - Primary shredding solution for organic waste



Fine Shredding Chamber - ideal for the processing of abrasive materials

CHASSIS FORMATS



Tracked Mounted - Fully tracked for on-site manoeuvrability



Static Chassis - ideal for indoor waste processing.

POWER-SOURCE CONFIGURATIONS



Tier 4 Final / Stage 5 - CATERPILLAR C18 563Kw (755HP)



Tier 3 LRC - CATERPILLAR C18 522Kw (700HP)



Electric / Hydraulic - available with static mounted units

ADDITIONAL OPTIONS



Overband Magnet - fitted to discharge conveyor to extract ferrous metal



Rubber Track Pads



Central Auto-lube System



Dust Suppression System and Water Pump



Hydraulic Raise / Lower Hopper Extensions

Additional customisation is available upon request. Speak to your nearest EDGE distributor for details.



GO ELECTRIC!

Enjoy significantly reduced operating costs, reduced servicing and time taken to refuel. Perfect for markets where environmental, legislative or noise constraints are enforced.



VS750s ELECTRIC



POWER

The VS750s Electric offers the same production capacity of a diesel / hydraulic driven unit.



INCREASED UPTIME

With reduced servicing and time required for refuelling, electric powered units provide unbeatable dependability and uptime.



FLEXIBLE SET UP

Can be customised to the end users exact application requirements or to retrofit into pre-existing waste processing plants .



REDUCED OPERATING COSTS

Electric-powered equipment can significantly reduce operating costs.



**CONTACT US
TODAY.**



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