

PRODUCT BROCHURE VS750i SERIES



HIGH CAPACITY SHREDDING



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**TWIN SHAFT
SHREDDER**



**INTELLIGENT LOAD
MANAGEMENT**



**INDEPENDENT
DRIVEN ROTORS**



**HIGH RESISTANCE TO
NON-SHREDDABLES**



VS750i SERIES

FEATURES AND BENEFITS



The EDGE VS750i is a high-capacity, twin-shaft primary shredder ideal for processing a wide range of materials, including municipal solid waste, industrial waste, commercial waste, and bulky waste. Available in mobile or static chassis formats, the VS750i is designed to meet the needs of waste processing operations where the incoming materials vary significantly in size, composition, shredding difficulty and contain a high percentage of non-shreddables. The interaction between the large cutting table and highly aggressive rotating knives on the dual shafts, which run asynchronously in both directions, ensures the input material is constantly moving to prevent bridging and maximize processing efficiency.

Key features include a 563 kW (755 HP) Caterpillar engine, twin 28'2" (8'2") long solid steel shredder shafts, an open cutting table and cutting tools made from Hardox steel, hydraulic hopper extensions, an automatic tipping hopper, and a "One Point" service area for easy maintenance. With consistently high throughput, robust construction for tough applications, and Innovates' intelligent load management system, the VS750i ensures maximum uptime and smooth operation.





KEY HIGHLIGHTS

- Highly robust design provides high durability and the ability to withstand difficult-to-shred materials.
- The independently driven twin-shaft design and open cutting table provide exceptional material management.
- Intelligent Self-Protecting control system with tramp metal cycles prevents asset damage.
- Each knife profile and configuration is designed to enhance the application's efficiency, ensuring optimal throughput and final particle size.
- Configure the VS750i to suit your requirements, with different chamber configurations, chassis formats and power sources available.
- A quick-cutting table and rotor-removal system allow the chamber to be customised for different applications.

VS750i SERIES

DESIGN FEATURES

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

Heavy duty, hydraulic tipping hopper with automatic tipping cycle

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

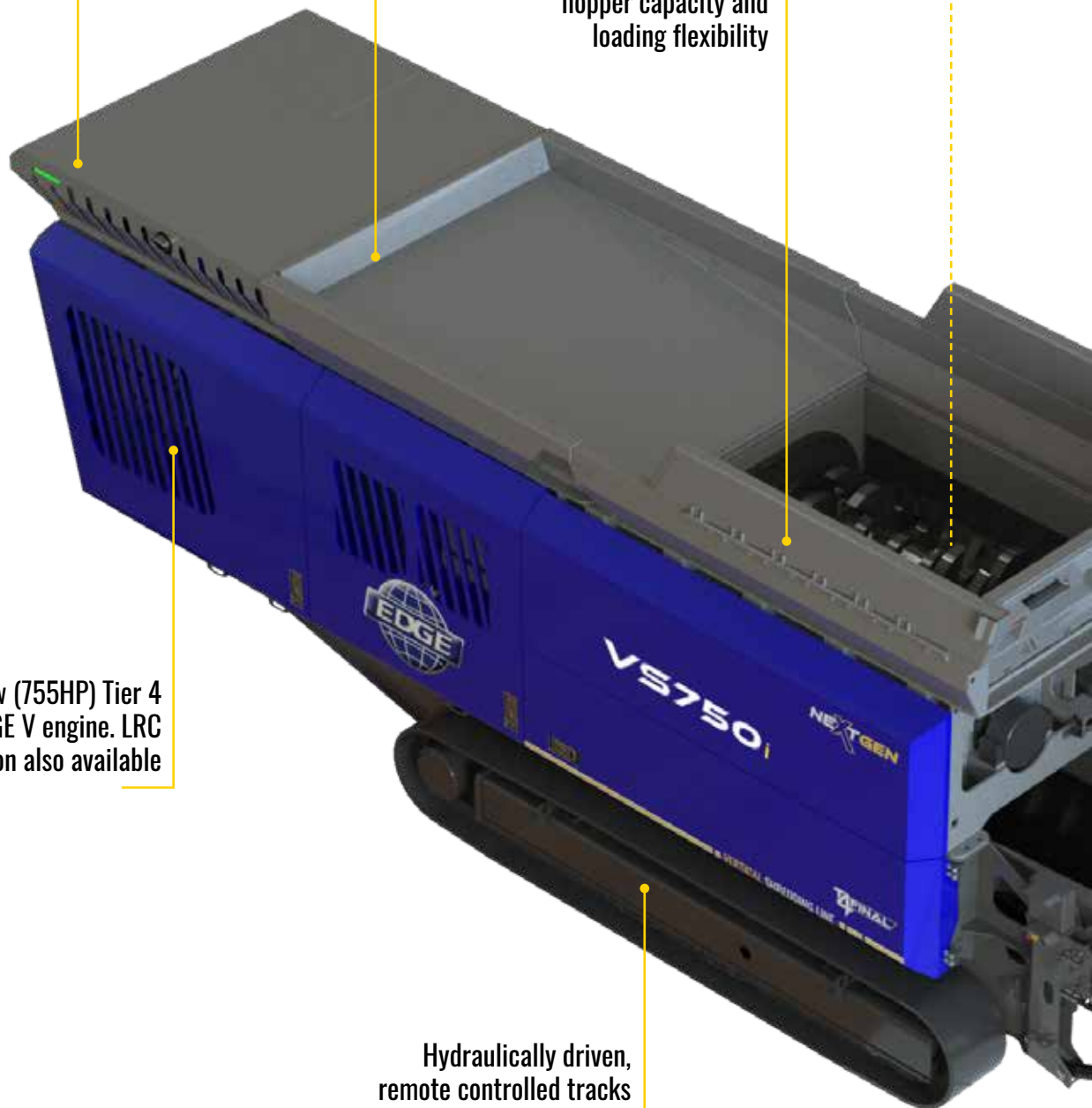
Hydraulic Hopper Extensions increases hopper capacity and loading flexibility

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



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

Hydraulically driven, remote controlled tracks for easy on site mobility



THE RIGHT CHAMBER FOR EVERY APPLICATION



User Friendly control interface provides easy fine tuning and programme selection



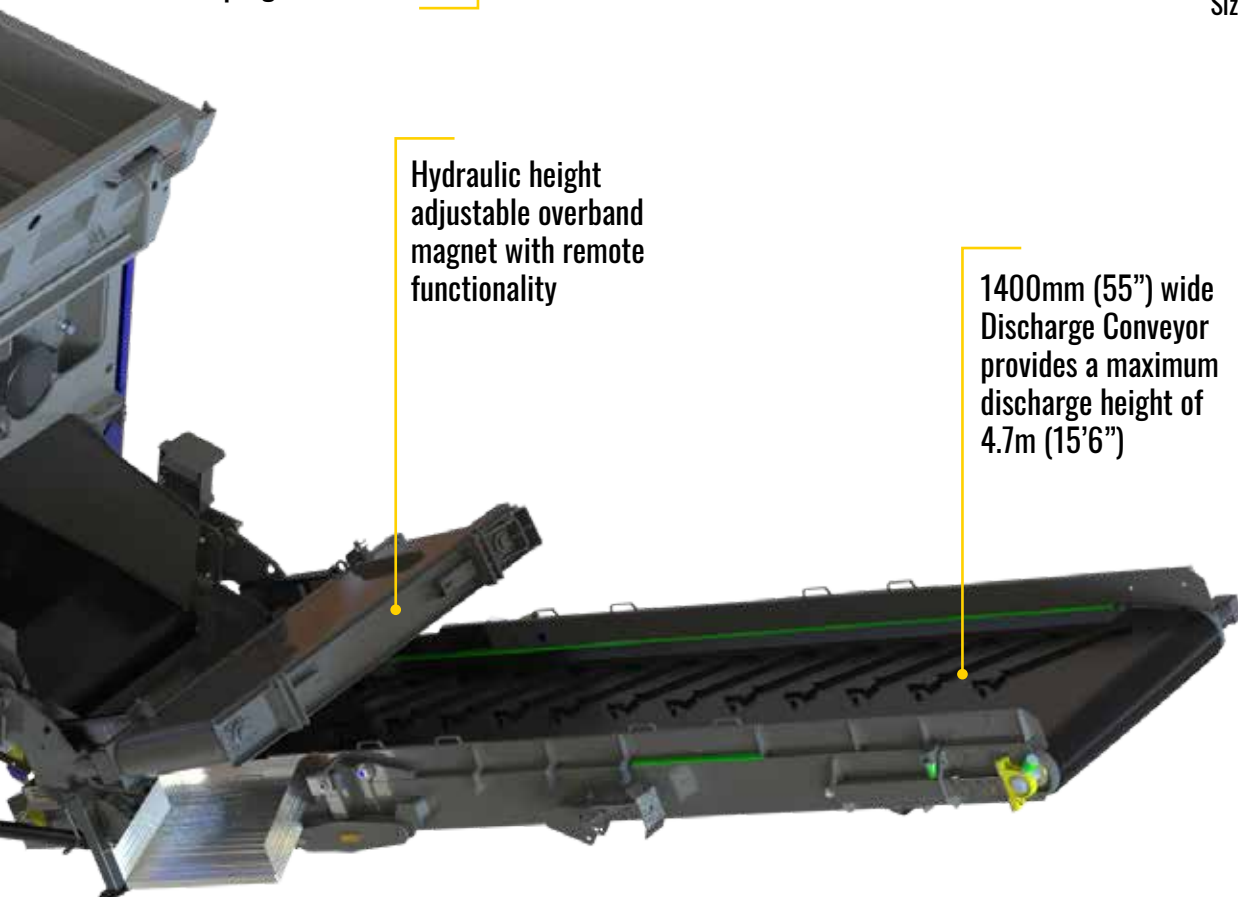
6 Knife Chamber
Piece Size: 400-500mm



8 Knife Chamber
Piece Size: 300-400mm



12 Knife Chamber Piece
Size: 100-200mm



Hydraulic height adjustable overband magnet with remote functionality

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

APPLICATIONS

MSW



C&D WASTE



DEMOLITION WOOD



C&I WASTE



BULKY WASTE



VS750i SERIES

TECHNICAL SPECIFICATIONS

TRANSPORT DIMENSIONS

Length:	11385mm (37'4")
Width:	2900mm (9'6")
Height:	3500mm (11'6")
Shipping Method:	RoRo
Gross Weight (Est):	46,000KG (51.5UST)

Shredder Type	Vertical Slow Speed
Drive Type:	Hydraulic
Number of Shafts:	2
Shaft Length:	2.5m (8'2")
Shaft Diameter:	900mm (35")

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

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)

AVAILABLE OPTIONS

Tracked unit	Overband Magnet	Discharge Conveyor Dust Cover	Telematics
Static Unit	Magnetic Head Drum & Chute	Discharge Conveyor Head Chute	
STAGE V / Tier 4 Final Engine	Reversible Fan	Rubber Track Pads	
Tier 3 / LRC Engine	Auto Lube System	Arctic Pack	
6/8/10/12 knife configuration	Hydraulic Hopper Extensions	Auxiliary Hydraulic Connections	
Different Cutting Table Designs	Dust Suppression	Fire Suppression	

VS750i 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



6 Knife Rotor Configuration -
Capable of reducing MSW to
minus 500mm



8 Knife Rotor Configuration -
Capable of reducing MSW to
minus 400mm



12 Knife Rotor Configuration -
Capable of reducing MSW to
minus 200mm

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
& 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.



VS750i **ELECTRIC**



VS750i POWER

The VS750i Electric offers the same production capacity of a diesel / hydraulic driven unit.



INCREASED UPTIME

Reduced service & time refuelling, electric units are dependable & increase uptime.



FLEXIBLE SET UP

Customizable to exact application requirements or to retrofit in pre-existing waste processing plants.



REDUCED OPERATING COSTS

Electric-powered equipment can significantly reduce operating costs.



GET IN TOUCH



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