

TECHNICAL
SPECIFICATION



TDS-V20SE

Static Electric Shredder



ELECTRIC
POWERED

Feeding / Conveying / Screening / Shredding / Sorting / Separation

TDS-V20SE

Static Electric Shredder

The TDS-V20SE Static Electric Shredder is an invaluable asset for recycling facilities, waste management operations, and recycling plants. Featuring a double shaft shredder chamber developed by Vecoplan, this shredder boasts an electric-powered independent hydrostatic drive and product sizing screen for enhanced performance.



Key Features:

- ✓ Double shaft shredder chamber developed by Vecoplan
- ✓ Electric powered independent hydrostatic drive
- ✓ Product sizing screen for precise particle size control
- ✓ Versatility to be used as a primary or secondary shredder
- ✓ Transfer conveyor underneath the shredding chamber for reduced material build-up
- ✓ Highly user-friendly control interface with pre-installed programs

The TDS-V20SE's screening system, available in various sizes, incorporates an intelligent protection system that allows operators to select their desired particle size while effectively handling foreign objects. This capability to produce a controlled product size in a single pass not only saves time but also ensures high efficiency.

Designed to handle a wide range of materials including C&I waste, wood and green waste, the TDS-V20SE excels in shredding difficult materials and producing high spec RDF & SRF products. Its standard feed-in height of 4m (13' 1") can be customised to suit specific facility operations.

Powerunit:

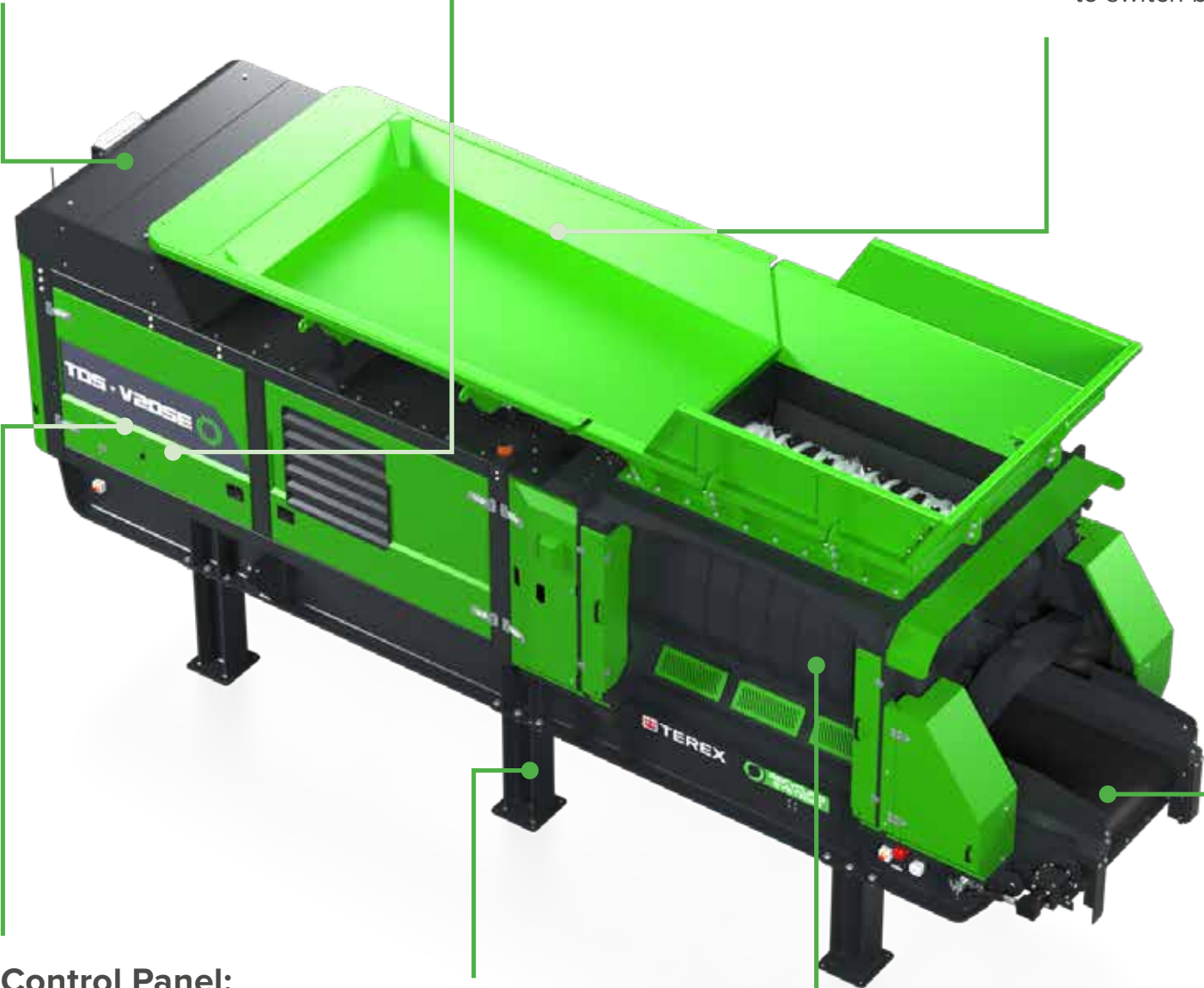
- Electric powered and hydrostatic drive system

Service Access:

- Excellent service access reduces operator downtime

Tipping Feeder:

- Can be controlled on the display screen or radio controlled for remote operation
- The remote also allows the operator to switch between shaft programs



Conveyor:

- High specification belt ensures material is effectively removed from below the shredding chamber
- Improved chamber clearance

Control Panel:

- User friendly display screen offering simple operation and diagnostics
- Customisable shredding programs allow operators to tailor the machine for specific applications

Support Legs:

- 4m standard feed-in height
- Other feed-in heights available on request

Shredding Chamber:

- Medium speed shredder with aggressive cutting teeth
- Intelligent tramp protection system
- End product sizing screens
- Hydraulic folding side doors for excellent service access
- Bolt on cutting teeth which can be rotated to maximise wear part life and has tight tolerance cutting action

TDS-V20SE - Static Electric Shredder

TECHNICAL SPECIFICATION

Shredding Unit:

- Type of shredder: Twin shaft medium speed
- Shaft Length: 2m (6' 7")
- Shaft diameter: 0.63m (2' 1")
- Tilting feeder capacity: 8m³ (10.5yd³)

Transfer conveyor:

- Width: 1.2m (3' 11")
- Length: 2.85m (7' 6")
- Max. belt speed: 110m/min (360' 11"/min)

Electric Powerpack:

- Electric Power: - 355kW IE3 Electric Motor
- Integrated control panel
- Shredder drive: Twin Hydrostatic (independent shaft drive)
- Hydraulic powerpack for Hydraulic circuits (Tilting Hopper, Chamber door)

Optional extras:

- Various screen configurations
- Various leg configurations to suit feed-in height
- Hopper extensions
- Auto Grease System
- Chamber Camera and Monitor
- Maintenance Platforms

Transport Dimensions

Width:	2.66m (8' 8")
Height:	3.05m (10')
Length:	9.05m (29' 8")
Weight:	36,000Kg (79,366lbs) dependent on options

Working Dimensions

Width:	2.66m (8' 8")
Length:	9.05m (29' 8")
Feed height:	4m (13' 2") other feed height options available
Transfer discharge height:	1.46m (4' 9")

Working Dimensions

Height: 4.43m (14' 6")



Feed height: 4m (13' 2")

Length: 9.05m (29' 8")

All specifications and technical data subject to change without notification. All options are retrofittable.



32 Farlough Road
Dungannon
Co. Tyrone
Northern Ireland
BT71 4DT

Tel: +44 (0) 28 8771 8500

Email: recyclingsystems@terex.com



The material in this document is for information only and is subject to change without notice.

Terex Recycling Systems assumes no liability resulting from errors or omissions in this document, or from the use of the information contained herein.

Due to continual product development we reserve the right to change specifications without notice. Product performance figures given in this brochure are for guidance purposes only; this information does not constitute an expressed or implied warranty or guarantee, but shows test examples. These results will vary depending on application. Photographs are for illustrative purposes only; some or all of the machines in the illustrations may be fitted with optional extras. Please check with your Dealer for details on optional extras.

Published and Printed in March 2024. All machines are CE Approved.

© Terex Corporation 2024