

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

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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.



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