

New Generation TANASHARK Electric

220E

440E

220EM

440EM



TANASHARK Slow Speed Shredders

- For a wide range of materials
- Highly uniform particle size
- Competitive output/particle size ratio
- Superior in handling tough, long, batten materials without winding around rotor
- Low running costs

TANA

From Waste to Value

TANA Shark – renowned for its versatility

TANA Shark is suitable for shredding most reusable, recoverable and recyclable materials. It has proven out to be superior in handling tough, batten and long materials. TANA Shark offers a wide variety of end product sizes and it produces highly uniform particle size.

The electric driven models 220E and 440E of the TANA Shark are equivalent in power, torque and capabilities with the diesel engine powered models 220D and 440D.

As a speciality, the electric driven TANA Shark is also available as mobile unit, 220EM or 440EM.

For a variety of installations

Three main possibilities are available to meet different installation needs:

- 1) Separate pre-shredder in a waste treatment plant
- 2) Integral part of the waste handling line
- 3) Mobile unit to be used at various sites

Features adding up to TANA Shark's versatility

Tana Control System (TCS)

The control system of the TANA Shark has a variety of improved features. Colour display, handy switch panel and simplified menu system make it efficient and comfortable to work with the machine. Thanks to the setup options the operator can create a wider variety of shredding programs.



Tana Pro Track

The control system includes a remote service feature based on a mobile network or the Internet called Tana Pro Track. This will enable a remote connection to machines to be opened wherever Internet access is available, to provide for instance readout of fault codes, machine usage history and logged data.

This new system will enable more accurate and up-to-date support to customers by saving time, simplifying trouble-shooting, and ensuring more machine uptime. Monthly operational reports on the machine usage are available as option by e-mail for follow-up and control purposes.

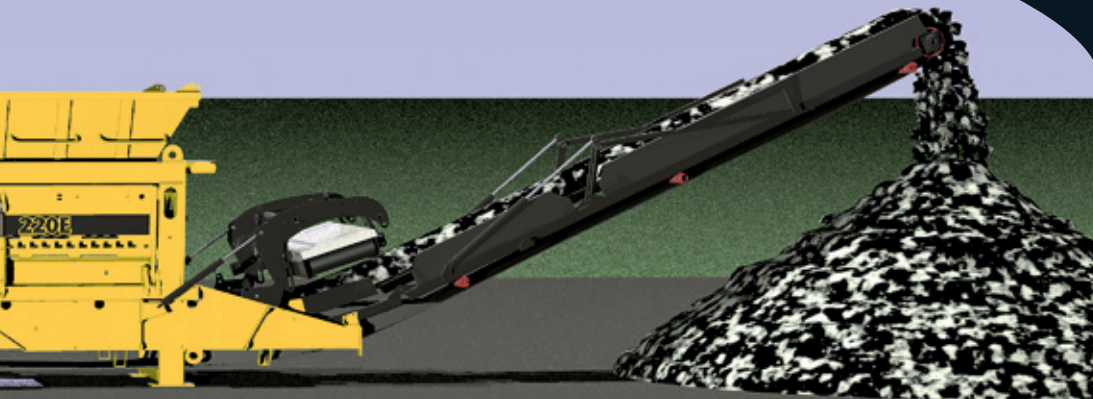
Robust side door

The rotor, the shredding tools and the counter tools are all easily accessible once the counter tool panel is opened to serve as service platform. TANA Shark has got an improved counter knife support system, easy counter knife removal and a wear plate protected sidewall surface.

TANASHARK Electric



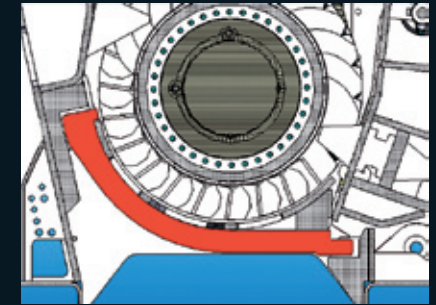
- Unique Versatility



Adjustable screen

The rotor to screen clearance has a major impact on the overall functioning of the shredder. If the gap is too wide the capacity decreases and may eventually cause screen clogging. In TANA Shark this clearance can be fine-tuned for a maximum performance.

Screens are available with different mesh shapes and sizes of which the operator can choose from according to the requirements he has for the end product size.



Assortment of other technological features and optional equipment

Overband magnet suspension with adjustable mounting bars

- Magnet position can be aligned exact to conveyor
- Improved magnet discharge chute

FOPS protected powerpack (220EM and 440EM)

Easy access & service powerpack design

Mobile version has new generation ABS braking system (Knorr KB4)

Options available, e.g.

- Reversible fan
- Hydraulic support legs (220EM and 440EM)
- Screen and screen transport rack (220EM and 440EM)
- Overband magnet (comes with conveyor)
- Conveyor (220E and 440E)
- Tana Pro Track remote control unit



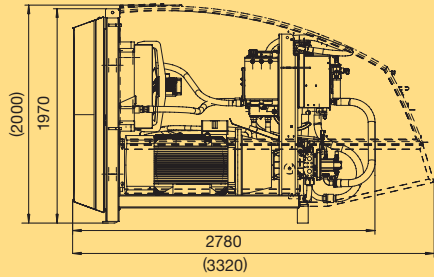
TANA Shark 220 Electric Mobile

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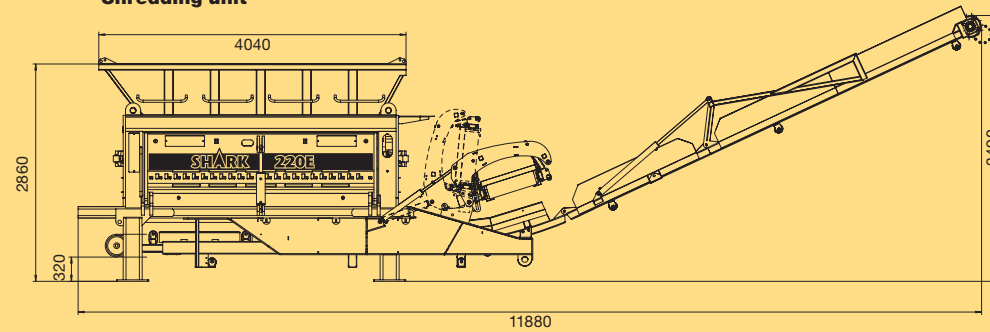
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TANASHARK 220E-EM & 440E-EM – main components

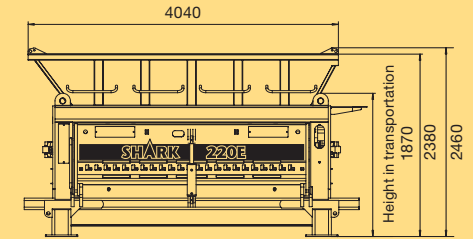
Powerpack



Shredding unit



Shredding unit



220E

Powerpack

Weight	3 300 kg
Length	3 320 mm
Width	2 110 mm
Height	2 000 mm
Two electric motors, nominal power	2x110 kW
Supply voltage	400V / 50 Hz
Nominal current	388A

Shredding unit

Weight (with conveyor)	15 300 kg
Weight without conveyor	11 500 kg
Length (with conveyor)	11 880 mm
Length (without conveyor)	4 490 mm
Width (with conveyor)	2 365 mm
Width (without conveyor)	2 290 mm
Height (incl. hopper)	2 460 mm

Shredding tools

Rotor shredding length	3 000 mm
Rotor speed	max 30 rpm
Rotor diameter	850 mm
Rotor knives	22 pcs
Counter knives	23 pcs
Rotor drive gears	2 x 110 kNm
Nominal rotor torque	220 kNm

440E

Powerpack

Weight	4 500 kg
Length	3 320 mm
Width	2 110 mm
Height	2 000 mm
Two electric motors, nominal power	2x160 kW
Supply voltage	400V / 50 Hz
Nominal current	588A

Shredding unit

Weight (with conveyor)	16 900 kg
Weight (without conveyor)	13 200 kg
Length (with conveyor)	11 880 mm
Length (without conveyor)	4 490 mm
Width (with conveyor)	2 365 mm
Width (without conveyor)	2 290 mm
Height (incl. hopper)	2 460 mm

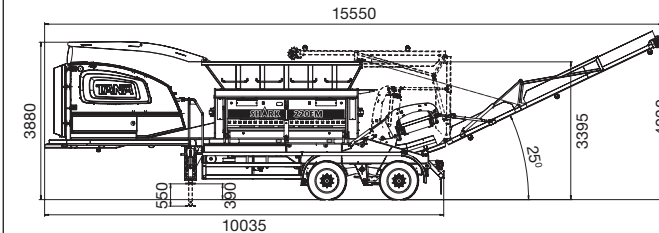
Shredding tools

Rotor shredding length	3 000 mm
Rotor speed	max 30 rpm
Rotor diameter	915 mm
Rotor knives	33 pcs
Counter knives	23 pcs
Rotor drive gears	2 x 220 kNm
Nominal rotor torque	440 kNm

220EM & 440EM

Main components as per the other models

Total weight 220EM	26 000 kg
Total weight 440EM	29 000 kg
Total length in transportation	10 580 mm
Total height in transportation	4 000 mm



Weights and measurements are given within normal tolerances. The manufacturer reserves the right to changes without prior notification.

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