



Standard features



Large In-feed Chute
For ease of loading awkward bushy brash



Mechanical Reset System
Eliminates problems experienced with electrical systems



Soft-Ride Rubber Tracks
Reduces vibration on hard surfaces, allowing higher speed with fully automatic system braking.



Twin Pumps
One per track for power, speed and smoothness. Separate pump for rollers.



Radiator Screen
To protect the radiator from debris - removable in seconds for cleaning



280° Rotation of Discharge Chute
Directs the powerful discharge where required



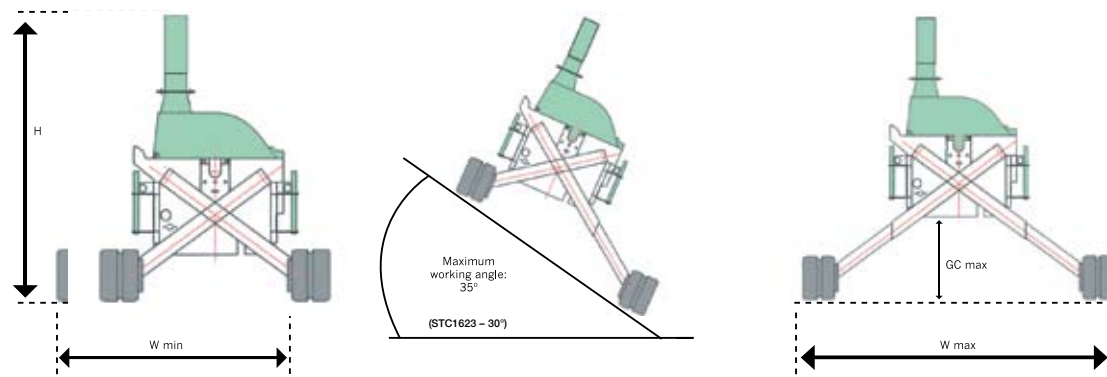
Stand-On Platform
For operator comfort over longer distances



Quality Paint
All machines have a 3 stage paint system which includes mechanical preparation, a high zinc primer and a top coat finished in a low bake oven.

| SPECIFICATIONS | | | |
|-----------------------------------|--|-------------------------|-------------------------|
| | STC16-23 | STC19x28 | STC220 |
| Capacity | 160 x 230mm (6 x9") | 190x280mm (7.5x11") | 220mm (9") |
| Length infeed off platform up min | 2377mm | | |
| infeed on platform up min | 3065mm | 3500mm | 3530mm |
| infeed on platform down max | 3458mm | 4100mm | 4300mm |
| Height (H) | (min) 2305mm | 2390mm | 2470mm |
| (max) | 2410mm | 2720mm | 2800mm |
| Body Width | 735mm - 1090mm | 1320mm | 1330mm |
| Track Size | 1440mm x 250mm | 1768mm x 250mm | 1768mm x 250mm |
| Track Width (W) | (min) 736mm | 1200mm | 1600mm |
| (max) | 1589mm | 2012mm | 2590mm |
| Ground Pressure | 0.25 kg/cm ² | 0.26 kg/cm ² | 0.27 kg/cm ² |
| Ground Clearance (GC) | (min) 345mm | 257mm | 240mm |
| (max) | 452mm | 550mm | 570mm |
| Engine (Diesel) | 35hp water-cooled | 50hp water-cooled | 55hp water-cooled |
| Chipping Flywheel | 500mm x 25mm | 600mm x 25mm | 730mm x 30mm |
| Speed | 2400 rpm | 1500 rpm | 1565 rpm |
| Disc-Blades | 4 | 4 | 6 |
| Feed Rollers | Twin Hydraulic (top roller spring-tensioned) | | |
| Power Control | No-Stress Electronic Feed Roller Control | | |
| Fuel Capacity | 37 litres | 60 litres | 44 litres |
| Infeed Chute Opening | 920mm x 820mm | 1200mm x 840mm | 1070mm x 870mm |
| Throat Size | 160mm x 230mm | 190mm x 280mm | 230mm x 230mm |
| Discharge Chute | 280° Rotation | | |
| Top/Bottom Roller | 230mm x 180mm | 180mm x 270mm | 220mm x 180mm |
| Hydraulic oil | 45 Litres | 50 Litres | 44 Litres |
| Clutch | Not Fitted | Self Adjusting | Manual |
| Hour Meter | Standard | | |
| Paint Colour | Own Livery Colours Option | | |
| Winch | Not Available | Option Available | |
| Trailer | Details Available On Request | | |
| Weight | 1400 kg | 1910 kg | 1950 kg |

TRACK POSITIONS



Green Mech Ltd
A Turner Company
Engineering for a greener environment

The Mill Industrial Park, Kings Coughton, Alcester, Warwickshire B49 5QG.

Tel: +44(0) 1789 400044. Fax: +44(0) 1789 400167.

E-mail: sales@greenmech.co.uk www.greenmech.co.uk

We reserve the right to change or modify specification without notice



Dealer Stamp

Printed by Jigsaw Design and Print Ltd 0870 112 3707



Tracked chipper problems solved - whatever your angle of view



Safe-Trak

Safe chipping on banks up to 35°

- Access terrain up to 35°
- Labour costs significantly reduced
- Massive ground clearance up to 600mm (25")
- Independent track adjustment



STC16-23MT35

160mm x 230mm, (6 x 9inch) capacity tracked wood chipper with independently controlled adjustable tracks for unbeatable stability on banks and considerable ground clearance. Along with a minimum width of 740mm to go through a 750mm gateway.

- Fitted stand-on platform

STC19-28MT50

190mm x 290mm (7½ x 11inch) capacity has all the SAFE-Trak features that enables the chipper to be positioned close to the material minimising labour costs. With a roll angle in excess of 60 degrees it is totally safe on slopes up to 35 degrees

- Fitted stand-on platform



STC220MT55

220mm (9 inch) capacity like all SAFE-Traks gets the machine well clear of the danger zones on motorways and railways, avoiding the need to place expensive safety barriers or cones to protect operators.

- Fitted stand-on platform



GreenMech Ltd
A Turner Company

The stability and ground clearance you demand...



Narrow access

Road embankments

Forests and uneven ground

Railway cuttings and embankments

...from a tracked chipper!

It is a well known fact that many man hours are wasted on difficult terrain, dragging brush to the chipper. The introduction of wood chippers on tracks has helped, but also created new problems and limitations as to where they can go, for two main reasons: ground clearance and stability.

That is until now!

GreenMech, who are leaders in innovative designs, has introduced the SAFE-Trak system (patent pending).

Access areas ordinary woodchippers find difficult. The GreenMech Safe Trak System allows unrivalled access through muddy, flat areas through its ground clearance yet giving you the flexibility to go further up and along banks than any other tracked woodchipper.

The SAFE-Trak wood chippers can safely get where no chipper has been before, so chipping doesn't have to

be a drag. With legs that adjust outwards as well as downwards, ground clearance difficulties are a thing of the past. The SAFE-Trak can have remarkable ground clearance of up to 600mm, enough to clear any hidden stump in the undergrowth or straddle a mound.

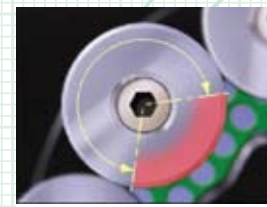
With the legs adjusting independently, a 'mountain goat' effect is created so that crossing slopes of up to 35° can be achieved in complete safety with no risk of the machine over-balancing through being top heavy. The roll angle is an incredible 60°.

With one leg closed and one leg extended, the centre of gravity moves down and sideways, allowing the machine to access steep motorway/railway embankments, getting the machine to the brush to be chipped. This eliminates wasted and costly man hours dragging brush to the chipper.

The revolutionary 'Disc Blade' chipping system



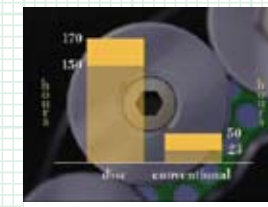
The 'Disc-Blade' system with its slicing action as opposed to chopping is 3dB quieter than conventional straight blades. These figures have been obtained using the recognised standard noise tests for Wood Chippers.



When Disc-Blades are used only a 1/3 of the circumference is in use as shown, hence the blades can be turned to the next sharp section when the sharpness has gone off. As you can see this allows the blades to be re-sharpened.



By loosening the retaining bolt the Disc-Blades can be rotated in either direction. If damage occurs to the blade through insertion of contaminants i.e. stones, nails etc, the damaged section can be simply positioned away from the cutting area.



Conventional straight blades are more susceptible to damage and will need to be replaced. When sharpened and refitted the distance between the anvil and blade needs to be adjusted for straight blades. Not on Disc-Blades as they are sharpened from the rear and the front face does not alter.

Safe-Trak

Chipping System

All GreenMech wood chippers use the patented Disc Blade Technology for fast, cost-effective chipping.



Disc-Blade access:

The flywheel assembly on the SAFE-Trak chippers is easily accessible. Just undo the closing bolt on the chipper chamber lid and raise. This allows easy access for checking blade sharpness, changing blades and general maintenance of the flywheel.



Shearbar:

The access to the shearbars is straightforward and simple so that checking, turning or even replacing is not a major job.



In-feed rollers:

Controlled by a unique No-Stress system, the powerful adjustable twin feed rollers on all SAFE-trak chippers grab the brush for fast effective chipping.



Consistent chip quality:

All GreenMech wood chippers give a consistent chip quality. Chip size can be adjusted depending on the number of blades on the flywheel and in-feed speed.

Engineering for a greener environment