

# ECO-COMBI

## Standard features



**Hydraulic Feed Roller**  
Twin hydraulic feed rollers on chipper. Single hydraulic roller on shredder.



**Large In-Feed Chute**  
All machines have a large in-feed chute for easy loading.



**Control and Safety Bar**  
Top and side combined control and safety bar for much reduced nuisance tripping whilst fully HSE compliant.



**Mechanical Reset System**  
All machines have a reliable no fuss mechanical reset system for in-feed rollers, fully compliant with current HSE requirements.



**270-Degree Rotation on Discharge Chute**  
Allowing the discharge chute to be positioned to discharge in the safest place, then repositioned for safe transport.



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

### GreenMech commitment to quality

GreenMech Ltd is committed to delivering a range of Wood Chippers and Shredders to meet all Green Waste recycling requirements.

Manufactured to meet all safety standards, the Arborist, ChipMaster and ShredMaster ranges are powerful, reliable and capable of handling most tasks.

- Wood Chippers up to 260mm (10 inch)
- Tractor Mounted, Diesel Powered and Tracked
- Patented Disc Blade Chipping Technology
- No Stress Power Control System
- Discharge Chute 270 Degree Rotatable
- Noise Level Reduction System

GreenMech was formed by Turner Development Ltd to design, manufacture and market a range of Wood Chippers and Green Waste Shredders.

Few manufacturers can boast the background and experience of the GreenMech Team.

We have 30 years experience in the design and manufacture of Flail Mowers and more recently Wood Chippers and Shredders for Tree Surgeons, Contractors, Groundsmen, Local Authorities and Rental Companies.

Specification, Performance and Price combine to ensure low operating costs, with an after-sales service second to none, making GreenMech the obvious choice.

ISO9001 - GreenMech are proud to be an ISO9001 accredited company giving you the customer the knowledge that the machines you are buying are manufactured by a British company who have reached this standard.

GreenMech innovative machine designs continue to lead the way in the market place with the Eco-Combi being awarded, on its launch, 'Best New Landscape Product' at the Saltex Show and a 'Silver Medal' at the SED Show.



**GreenMech Ltd**  
A Turner Company  
*Engineering for a greener environment*

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We reserve the right to change or modify specification without notice



Dealer Stamp

Designed and Printed by Peridot - 01789 762519.

# ECO-COMBI

*engineering for a greener environment*

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All the right features at a user friendly price



The Eco-Combi, ECM150MT35D, a combined chipper/shredder, has been designed to give power and adaptability with a 35hp water cooled Isuzu diesel engine.

Using the patented Disc-Blade chipping and shredding systems the ECM150MT35D has the capacity to deal with up to 2000kg/hr of assorted green waste, processing it into a good mulch ideal for composting.

The Shredding section with a single hydraulic feed roller will process brush up to 50mm diameter that is contaminated with soil, stones, nails etc. or even when wet.

The Chipping section with twin hydraulic feed rollers will handle clean brush up to 150mm (6-inch) diameter.

When fitted with a special cyclone attachment the Eco Combi can be used for chipping and shredding domestic green waste at the kerbside. The resulting

chippings/shreddings are then left with the Householder for composting or use as garden mulch. This version of the Eco Combi can also be mounted on a 3500kg pick-up chassis.

Fitted with the Isuzu 35hp engine and the advanced GreenMech No-Stress electronic power control system the Eco-Combi offers the customer a unique, simple, environmentally friendly system to re-cycle what can be a valuable product and avoid the costs of the 'Landfill Tax'.

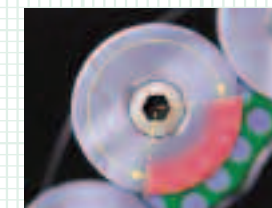
### Plastic Containers

The Combi's unique Disc-Shred system is also being trialled to process plastic containers, this voluminous waste has considerable recyclable value but handling and transport costs are high. Considerable volume reduction, preferable as close to source as possible will greatly reduce costs and enable Local Authorities to meet their recycling/diversion targets.

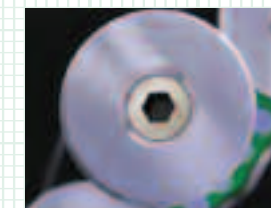
### The revolutionary 'Disc Blade' chipping system



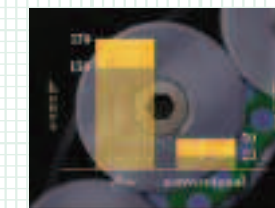
The 'Disc-Blade' system with its slicing action as opposed to chopping is 3dB quieter than conventional straight blades. These figures have been obtained using the recognised standard noise tests for Wood Chippers.



When the 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 turned before they need 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.

### SPECIFICATIONS

|                         |   |
|-------------------------|---|
| Engine Power            | 35hp  |
| Chipping Flywheel       | 500mm x 25mm  |
| Flywheel Speed          | 2400 rpm  |
| Disc-Blades             | 4/22  |
| In-feed Chute Opening   | Chipper 800mm x 700mm<br>Shredder 800mm x 600mm     |
| Throat Size             | 155mm x 155mm Chipper<br>75mm x 400mm Shredder      |
| Feed Rollers            | Twin Hydraulic Chipper<br>Single Hydraulic Shredder |
| Roller Size             | 148mm x 180mm Chipper<br>419mm x 190mm Shredder     |
| In-feed Control         | No Stress   |
| Drive                   | Direct Belt Drive                                   |
| Hour Meter              | Standard  |
| Discharge Chute         | 120mm dia 280° rotation                             |
| Fuel Tank Capacity      | 45 lts  |
| Hydraulic Tank Capacity | 45 lts  |
| Locking Tow Hitch       | Option  |
| Tyre Size               | 165R13  |
| Length (Transport)      | 4010mm  |
| Width (Transport)       | 1550mm  |
| Height                  | 2160mm  |
| Weight                  | 1200kg  |

### KEY FEATURES

- 150mm (6" Chipper) Capacity
- 50mm (2") Shredder Capacity
- 35 hp Diesel Engine
- Twin hydraulic rollers on chipper, single hydraulic roller on shredder.
- Twin spherical roller main bearing mounted in the flywheel
- No Stress in-feed control
- Disc-Blade Chipping/Shredder technology
- Option of conveyor on shredder infeed chute
- Option of Cyclone on discharge chute



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