



**Shredder unit specifications**

|                          |   |
|--------------------------|---|
| Infeed opening           | 608mm x 375mm   |
| Cutter widths            | 32 mm   |
| Power                    | 30 Kw Shredder  |
| Blade diameter           | 195mm   |
| Blade material           | Full through hardened high tensile steel                  |
| Blade Hardness           | 54 Rc   |
| Throughput ( tyres /hr ) | Car approx 200-300<br>4WD approx 100-200*                 |
| Power supply             | Hydraulic   |
| Compaction               | 7.5 kW Screw type auger                                   |
| In feed system           | Cleated in feed conveyor with "force feed" into shredder. |

\* = Throughput is based on averages. Max tyre diameter approx 800mm

**General specifications Shredder module**

|   |  |
|---|--|
| General description, shredder module            | The Shredder with in feed conveyor, screw compactor and force feed system is fitted into a dedicated mild steel box body with aluminium cladding. Both sides of the module have access doors fitted. External control cabinet is fitted. Subject to the power supply this module is fitted with its own dedicated diesel power plant |
| Power supply options                            | <ol style="list-style-type: none"> <li>1) Dedicated 63 kW Diesel motor with hydraulic pump<br/>Diesel tank and battery optional subject to fitting of module.</li> <li>2) Chelsea "Split shaft" PTO fitted with hydraulic pump and power by truck engine</li> </ol>  |
| Dimensions                                      | 2.5 m L x 2.2 m H x 2.3 m W  |
| Weight  | With dedicated diesel engine<br>2500 kg's<br>Without diesel engine<br>1800 kg's  |
| Rear Compaction area (By others / not supplied) | Steel – hydraulic tipper rear bin.<br><br>Compaction from screw feed is approx 500-600 kg's/m3 of shredder tyre material   |
| Tyre handling                                   | Manual lifting into either access door onto feed   |



# Mobile Tyre Shredding

**Hydraulic pump specifications**

|                     |                       |
|---------------------|-----------------------|
| Pump make           | Brevini               |
| Pump type: shredder | 75cc Swash Pump       |
| Pump type: Auger    | 26cc Gear Pump        |
| Pump type: Conveyor | 6.2 cc Gear pump      |
| Pump mount          | SAE – "C" flange type |

- Suggested truck engine RPM if "split shaft" Chelsea PTO is used is approx 1700-2000 RPM providing 440 Nm.
- When using "split shaft" PTO ensure appropriate stationary parking brake systems are fitted to the truck.

**Special notes:**

- All oils are excluded for any overseas deliveries.
- Truck selection and GVM including load rating to be confirmed prior to ordering
- Statutory lighting, mud guarding, steps etc by local supply
- Specifications are of a general nature only and can be altered without prior notice.

Right- Cleated in feed belt system  
Below – shredded tyre pieces with 32mm blade

