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**FIREWOOD**

**PROCESSOR**

by

**BTD**  
TECHNICS B.V.



The TrimVale Firewood Processors are suitable for skid steers loaders, tractor loaders and diggers (5-16 ton). A single operator can easily, safely and efficiently perform wood cutting and splitting tasks from the safety and comfort of the cab. This task would normally require 2-3 people, thereby reducing man power and increasing safety.



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These unique modern firewood processors, designed and manufactured by **BTD** in the Netherlands, are suitable for professional and private use in the forestry industry and are comfortable to operate from the vehicle cab. These machines have optimal properties to process both hard and soft wood, straight and twisted timber such as ash and apple. There are 3 different models available: **PRO Compact-Classic**, **PRO Compact** and **PRO Plus**. The universal control system is equipped with a joystick and automatic function for both the **PRO Compact** and the **PRO Plus**. The **PRO Compact-Classic** is supplied as a manually operated push button system. All control systems are interchangeable.

**BTD** machines are suitable for log lengths up to 3 meters, with the optional 1 meter extension table allowing logs up to 4 meters to be processed effortlessly. The maximum firewood length is 500mm. The standard timber processor is supplied with a 6-way splitting knife. Optional 4,8 and 12-way knives are available. The splitter knife height is adjustable to suit the timber diameter for consistent log size.

The TrimVale Firewood Processors are competitively priced and are CE marked. All components used are from well-known European quality brands and all hydraulic fittings are BSP.



## Technical Data Comparison Sheet

| Model                               | PRO Compact Classic                                    | PRO Compact                                                             | PRO Plus                                                                |
|-------------------------------------|--------------------------------------------------------|-------------------------------------------------------------------------|-------------------------------------------------------------------------|
| Processing Capacity                 | 2-4 m <sup>3</sup> /hour                               | 3-5 m <sup>3</sup> /hour                                                | 4-9 m <sup>3</sup> /hour                                                |
| Timber Length                       | 3m<br>Optional 4m                                      | 3m<br>Optional 4m                                                       | 3m<br>Optional 4m                                                       |
| Log Diameter                        | 17-40 cm / 6-16 inch                                   | 17-40 cm / 6-16 inch                                                    | 17-45 cm / 6-18 inch                                                    |
| Cutting Length                      | Adjustable Mechanical Spacer                           | 23 – 50 cm via display panel or adjustable mechanical spacer            | 23 – 50 cm via display panel or adjustable mechanical spacer            |
| Rapid Traverse Splitting Table      | -                                                      | Included as standard                                                    | Included as standard                                                    |
| Splitting Force                     | 13-15 tons                                             | 13-15 tons                                                              | 16-20 tons                                                              |
| Hard Steel Splitting Knives         | Manually adjustable, 6-way (std) Opt. 4-way and 8-way  | Manually adjustable, 6-way (std) Opt. 4-way and 8-way                   | Hydraulically adjustable 6-way (std) Opt. 4-way, 8-way, 12-way          |
| Hydraulic Flow (Minimum)            | 35 L/min                                               | 35 L/min                                                                | 55 L/min                                                                |
| Hydraulic Pressure (<25 bar return) | 210-250 bar                                            | 210-250 bar                                                             | 210-250 bar                                                             |
| Hydraulic Connections               | Flow 1/2"   Return 1/2" Case drain 1/4" (<5 bar)       | Flow 1/2"   Return 1/2" Case drain 1/4" (<5 bar)                        | Flow 3/4"   Return 3/4" Case drain 1/4" (<5 bar)                        |
| Hydraulic Safety Valve              | Overpressure relief valve and flow control as standard | Overpressure relief valve and flow control as standard                  | Overpressure relief valve and flow control as standard                  |
| Electrical Connection               | 12V DC (24V DC optional)                               | 12V DC (24V DC optional)                                                | 12V DC (24V DC optional)                                                |
| Control Box                         | Push button manual controls                            | Control with display                                                    | Control with display                                                    |
| Operation                           | Manual push button                                     | Manual push button and automatic cycle function – adjustable log length | Manual push button and automatic cycle function – adjustable log length |
| Saw Blade                           | Harvester Industrial 404" - 64 cm                      | Harvester Industrial 404" - 64 cm                                       | Harvester Industrial 404" - 64 cm                                       |
| Chain Speed Nominal                 | 20.5 m/s (9.3 kW)                                      | 20.5 m/s (9.3 kW)                                                       | 20.5 m/sec (14.4 kW)                                                    |
| Lubricating Oil Tank Capacity       | 1 Liter (use sparingly)                                | 1 Liter (use sparingly)                                                 | 1 Liter (use sparingly)                                                 |
| Construction                        | 8 mm Sheet Steel                                       | 8 mm Sheet Steel                                                        | 10 mm Sheet Steel                                                       |
| Finish                              | Powder coated primer and top coat                      | Powder coated primer and top coat                                       | Powder coated primer and top coat                                       |
| Weight Without Accessories          | 805kg                                                  | 805kg                                                                   | 1130 kg                                                                 |
| Dimensions (L x W x H)              | 1.40 x 2.45 x 1.30m                                    | 1.40 x 2.45 x 1.30m                                                     | 1.45 x 2.55 x 1.35 m                                                    |
| Weight Without Accessories          | 805kg                                                  | 805kg                                                                   | 1130 kg                                                                 |
| Dimensions (L x W x H)              | 1.40 x 2.45 x 1.30m                                    | 1.40 x 2.45 x 1.30m                                                     | 1.45 x 2.55 x 1.35 m                                                    |