

Woodpac ENFO 2000



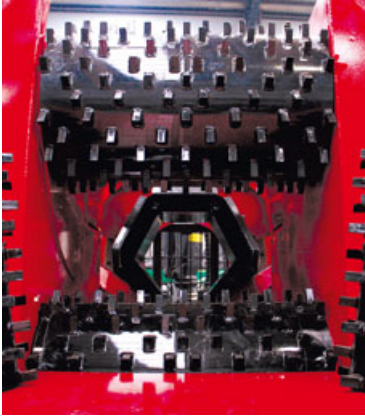
The ENFO-2000 biomass bundler was manufactured considering the demanding requirements of the forestry sector where it is not unusual to have to operate on steep terrains or be faced with difficulty of access. Given its robust, functional and compact design and its use of high quality materials in its manufacture, it can be used in the most unfavourable areas without any kind of restriction as regards bale length or kind of material. Additionally, it is designed for ease and speed of coupling and uncoupling to trailer, through a support hydraulic cylinder system.

The compressing and binding process of the ENFO-2000 is able of reducing biomass volume in up to 80%, creating compact, easy to handle and resistant bales that may easily be transported and stored.

Feeding table



May be tilted to ease transportation.



[Feeder](#) With 4 rollers (2 horizontal and 2 vertical) and scrapers to prevent material blockage; great traction power.

[Leveller](#)



2 powerful hydraulic cylinders control the levelling of the bundler on steep terrain

[Rotation system](#)



Continuous and unlimited rotation, with 2-stage rotation reducer and oil-bath negative brakes.

[Woodpac unit](#)



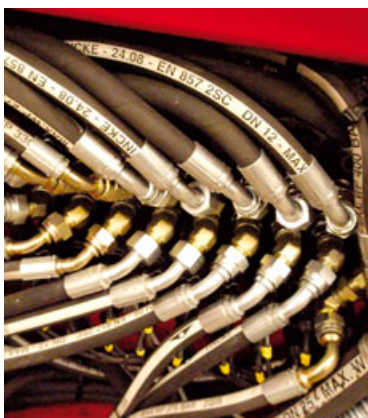
Composed of fixed press for initial compression and a mobile carriage (mobile press+bundler). Final compression, transportation of the bundle, binding and length control take place in this unit.

[Cutter](#)



Through metal shears (patented system) and with great cutting power; maintenance not required.

[Hydraulic system](#)



With high-end components and easy access for maintenance; its electronic system provides fast, reliable and precise operation.

Fast coupling system



(Optional): action from the distributor at the base of the bundler, it makes coupling and uncoupling possible through a hydraulic cylinder and a 4-jack support system.

Electronics



Specifically designed for this machine, the system controls the whole operation. The process is automatic after the entry of all the parameters and the touch screen displays operations in progress.

Technical characteristics



Hydraulic system:

- Variable flow LS-control pump
- Maximum pressure: 255 kg/cm²
- Minimum flow: 175 l/m

Binding system:

- Programmable in nº of bindings and turns
- Binding autonomy: 9 rolls
- Binding ring lubricant storage capacity: 14.5 l

Levelling unit:

- Continuous and unlimited rotating table
- Tilt angle: (+- 6%)

Electronic system: comprised of 3 modules:

- Acquisition module: SDD16 RS-232 series with 16 digital entries/exits
- Display and command module: PCV 30, with 262 K colours 6.4" TFT LCD screen
- Control module: LV Pcontrol, via radio

(All components comply with RoHS regulations)

Electric feeding system: 24 V

Weights & measurements



WEIGHT WITHOUT FAST COUPLING SYSTEM:	9,000KG
WEIGHT WITH FAST COUPLING SYSTEM:	11,500 KG
LENGTH:	7,020 MM
WIDTH:	2,586MM
HEIGHT:	2,405MM