

Monra Enfo 2000 Woodpac



It processes biomass into bundles that are compact and easy to handle for transporting and storage.



The Monra 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 Monra 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

TALLERES RAMÓN CASTRO reserves the right to modify the specifications or design without prior notice.

Monra Enfo 2000: Weight and Dimensions

These measurements ensure fast coupling to trailer.

- 9000kg - Weight without Fast Coupling System
- 11500kg- Weight with Fast Coupling System
- 7020mm - Length
- 2586mm - Width
- 2405mm - Height

Quality Commitment

Our company operates under the strict **ISO 9001 Quality Control** system. This means we are obliged to follow the strictest standards of quality throughout the entire manufacturing processes.

For each Woodpac Monra Enfo 2000:

- Our technical office designs and calculates all the components.
- Every aspect of the welding is handled by highly qualified and certified personnel.
- We use only high precision CNC machinery in our work.
- The entire product is examined for approval when finished.

Monra Enfo 2000 Woodpac in detail

A solid and powerful machine in each of its structures.



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.



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.



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.

Technical Specifications

The technical specifications of this bundler have competitive advantage in the cleaning after the tree felling.

Hydraulic system

Variable flow LS-control pump

Maximum pressure: 255 kg/cm²

Minimum flow: 175 l/m

Binding System

Programmable in n° 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

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 - Supply Voltage: 24 V The Enfo 2000 easily connects to trailer through a support hydraulic cylinder system.









