



The sense of innovation

XYLOG 520



Lames en V



Longueur de coupe réglable



Lame de scie circulaire



Tapis d'amenage mixte



Allumes-feu



Tapis de transfert



Cabine intérieur



Maintenance facile

MAIN TECHNICAL DATA

- Maximum cutting diameter: 520 mm (20.4")
- Adjustable cutting length: 200 mm (7.8"), 250 mm (9.8"), 330 mm (13"), 400 mm (15.7") and 500 mm (19.7")
- The cutting length is managed hydraulically with a lateral movement with sawing parts, including the 2 feeding conveyor in V shape.
- The length wood stop retracts itself hydraulically during the cut.
- Cutting system with a carbide teeth circular saw:
 - Diameter 1300mm – 51"
 - 72 teeth
 - Thickness: 6 mm – 0.25"
 - Carbide teeth width 8.5mm – 0.3"
 - Driven by a piston hydraulic engine and a gearbox
 - Vertical linear motion control by 2 hydraulic cylinder
- Mix feeding conveyor of the wood with V shape roller and V shape belt conveyor. Belt width 300mm – 11".
- 2 Independant clamps hold the wood during the cutting regardless of the wood form. The clamps are always in contact with wood.
- Hydraulic pallet for keeping the wood during cutting, with the possibility of managing the fall with ejection of it towards the outside, this same pallet evacuates cut wood on the transfer belt.
- The transfer conveyor for splitting, about 3 meters long, acts as a buffer storage and is hydraulically powered, which allows the transfer of large logs that are already split or not cylindrical. A hydraulically adjustable panel guides the wood according to the the logs' length. Splitting system through 2 V-shaped blades with 3 pressers to hold the wood properly. The pressers' and blades' position is adjustable depending on their cutting length, which means no dead travel during the splitting.
- 22 T splitting power.
- ISO POWER system on the blades to manage their speed according to the requested power.
- Machine fitted with a XYLOMETER (wood scaling system).
- Metal conveyor on the splitter with "step to step" progress, adjustable from 30 to 250 mm for the logs' dimension.
- Piston pump with closed center (107 L/min. for the saw).
- 2 hydraulic piston pumps (LOAD SENSING type): the 1st one with 130 L/min. and proportional valve for the splitting function, and another one with 54 L/min. with proportional valve for the intake conveyor, the discharge conveyor, its cylinders, the ejector, the pallet, the clamps, the saw up and down, the wood stop and the transfer conveyor panel's setting.
- 17 L gear pump for the cooler, the screener's hydraulic motors and the discharge conveyor. 200 L capacity hydraulic tank.
- Launch pad with easy access for maintenance.
- Cooler mounted on hinges to ease the cleaning.
- Wifi hotspot to allow quick and efficient remote assistance **(optional)**.
- Automatic sawing **(optional)**.
- Machine meeting European requirements.

DIVERSE TECHNICAL DATA

1) COCKPIT

- Comfortable seat
- Ergonomic single lever control the processor
- 10" colour monitor for regulation and settings
- Annex board
- Bluetooth car radio
- Reversible air conditioning (**optional**).



2) DRIVE THROUGH TRACTOR PTO:

- 540 RPM PTO (about 110 / 120 HP)
- Multiplier control

3) DRIVE THROUGH ELECTRIC ENGINE:

- 55 KW (75 HP) 3-phased motor, 400/600 V, 110 amperes
- 1500 RPM speed
- Engine progressive start
- Electrical box



4) DRIVE THROUGH HEAT ENGINE:

- Engine " **DEUTZ** ", 55 Kw/75 HP, **Tier III B (EU), Tier IV (US)**
- 4-cylinders engine with 2.9 L
- Water cooling
- Sound-absorbing protective cover
- 200 L diesel tank. Works only with off-road diesel
- Batteries

5) MOVING AXLE:

- Drive speed :25 km/h
- Double tandem axle
- 445/45 R19.5 wheels
- Towing boom
- Hydraulic stand with dual-acting valve on tractor socket
- Machine in operation in 8 to 10 minutes (conveyor unfolding with its stands + rear conveyor unfolding)

6) LOADING CONVEYOR

- Fitted with chains
- Usable length: about 2 m with 3 chains
- Hydraulically foldable for transport
- Usable width:2 m with 3 chains (2 with 800 mm distance from center and the 3rd with 1200 mm distance from center)

**7) LOADING CONVEYOR WITH 3 CHAINS (for stationary machine):**

- For woods up to 4 m length
- Usable length: about 8 m (6 m + 2 m)
- Conveyor 2 levels with independant motorisation for wood detangling
- Usable width: 2 m with 3 chains (2 with 800 mm distance from center and the 3rd with 1200 mm distance from center)
- Hydraulic drive



8) LOADING CONVEYOR WITH 4 CHAINS (for stationary machine):

- For woods up to 6 m length
- Usable length: about 8 m (6 m + 2 m)
- Conveyor 2 levels with independant motorisation for wood detangling
- Usable width: 3.6 m with 4 chains (3 X 1200 mm distance from center)
- Electric drive for the 6 m length (2 x 3 KW, one motor pour 2 strands)
- Hydraulic drive for the 2 m length

**9) OUTPUT CONVEYOR WITH HEDGEHOG ROLLERS (stationary and mobile machine)**

- Fitted with metal bars
- 5 m length (foldable for the mobile version or 6 m one-piece for the stationary version).
- 500 mm width
- Hydraulically adjustable in height (about 850 mm), up to 3.60m height for 5 m long conveyor and 4.15 m for 6 m long conveyor, 40 ° angle
- Right/left hydraulic orientation, amplitude about 2.70 m
- Splitting end made of 9 motorised hedgehog rollers (width 450 mm, length about 2 m), in order to release the splitted woods and cean them from waste



10) SAWDUST VACUUM (only on stationary version)

- Three-phase electric motor (5.5 Kw)
- Vacuum turbine Ø: 400 mm
- Sawdust capture box
- Ø 250 mm flexible pipe to connect on the machine
- Rigid pipe (7 m max. length with cyclone)
- Cyclone 800 without support (*at your own cost*)



