

“COMPAS – EXTREME 21” FRONT TOOLS HOLDING FRAMEWORK

PATENT FILED
NUMBER ...003095

MAIN FEATURES:

- extremely compact
- very small overall dimensions
- remarkably light weight

Its important feature is the extremely simple construction. The framework can host various tools normally used for the management of the seasonal weeds under the rows of vineyards, orchards, etc. Hydraulic interceps with blade/knife (300 / 550 mm) rapid lam with depth levelling wheel, hydraulic mower Turbo Bas - Eco2020 model, hydraulic shoot remover Rotoflex model and many more accessories, such as Star/Kult, Rollacker, disc for root baring and covering, etc. The Compas Extreme21 frontal tools holding framework will **enable operating under safety conditions since it protects the operator from physical dangers due to the posture as it normally happens while using rear tools holders**. In fact, this tools holding framework will be mounted on the front of common tractors currently used by means of specific anchoring plates besides the comfort and safety for the operator, this will ensure **an optimal visual for more efficiency while using the various tools and a remarkable reduction of the h/H labour costs**.

The “Compas-extreme21” framework is equipped with three hydraulic movements, plus the tool on/off control:

- About 130° rotation, which enable a rapid exit manoeuver from the row at the end of the working cycle and the same rapidity in the positioning manoeuver in the row at the beginning of the new working cycle; the hydraulic double-effect control with floating device with the aid of a mechanically depth regulation wheel will enable maintaining the correct working depth for the whole working cycle, without having to modify its position
- Lateral hydraulic displacement (about 0,25 m)
- Tool inclinador for high transverse gradients: this will enable following the profiles of very irregular soils, steps, etc.
- Tool operation on/off control with incorporated flow regulator
- All working functions are performed by means of a specific mechanical-hydraulic distribution, as an alternative through an electro-hydraulic distribution with comfortable joystick to be inserted in the control cabin
- Equipped with trestle for garaging.



TECHNICAL DATA:

- Front anchoring
- Positioning wheel on floating
- Push drive on floating device
- Advancement speed 6-10 km/h
- Quantity of oil needed about 30 l (with mower)
- Weight: 80 kg (only the tool holding frame without tools)



With Hydraulic mower Turbo Bas - Eco2020



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