

TORNADO



- weight: 1,375 kg
- max width at wheels: 2.20mt.
- min length: 4.40mt.
- max length: 6.50mt.
- height: 1.50mt.
- max work height: 5.50mt.
- 180 ° arm rotation
- max 80 ° height
- tractor application: three points linkage and PTO
- min. tractor power 80 HP
- PTO: 540 rpm
- command: radio control

The TORNADO model is a new concept vibrating machine with innovative technological features. Designed and built for the collection of olives, almonds, walnuts, pistachios, cherries, black cherries, plums and hanging fruits in general.

Its exceptional versatility allows to operate in any type of plants (young, adult or secular), in any situation of terrain (flat, hilly or steep) and in any type of plant (intensive, traditional, etc.). The connection to the tractor is carried out in a simple and fast way, by the three-point connection and a universal joint.

The small weights and dimensions allow it to be used even on small tractors.

All controls and movements are performed by means of a remote control that allows the operator to place himself just a few steps from the plant, ensuring an optimal grip of the vibrating head.

The vibrating head with specific closure and suspension system has been designed and designed to avoid any kind of damage to the bark and allows to work well on the trunk and on the branches, ensuring a very high harvest yield.

The TORNADO model is designed for the application of the reversing umbrella interceptor mod. RMA1.



SPECIFICATIONS:

- Hydraulic System with Piston Vibration Pump, variable Flow, operating pressure: 350bar, close Circuit;
- Double Gear Service Pump;
- Hydraulic Piston Engine on the vibrating Head;
- High-frequency Vibration and proportional control, Selector of 2 intensities, Reversal Rotation of Vibration;
- All the Functions with Proportional Controls;
- Management by Remote Control;
- Heat Exchanger on the Hydraulic Oil Circuit;
- Telescopic Boom with Left/Right Fifth Wheel Coupling, Maximum working Length: 6.5mt.;
- Vibrating Head with Vertical, Lateral and Oblique Movements



- Application to the tractor through the Three Linkage Point
- PTO Linkage with Cardan Joint
- PTO 540 rmp
- Gearbox Multiplier



- 180° telescopic arm rotation;



- Pump group
- Vibration Piston Pump, variable flow
- Operating pressure: 350bar
- Gear Service Pump



- Hydraulic oil Heat exchanger



- Pressure regulation system of head closure
- Knob with reference gauge
- Independent hydraulic circuit
- Continuous pressure system with a circuit that constantly exerts the tightness at the programmed pressure



- Steering wheels



- Raising of the telescopic boom
- Maximum raising 80°



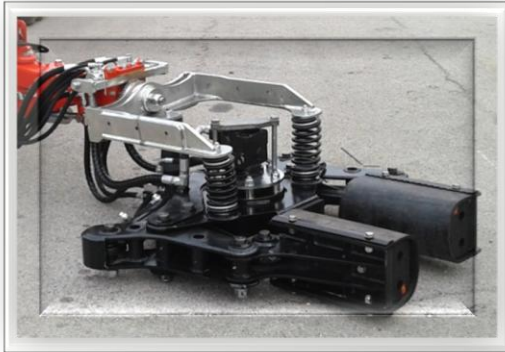
- Maximum extension of the telescopic boom: 6,5mt



VIBRATING HEADS: mod. P70N / P75N / P80N

CLOSURE SYSTEM WITH THREE INTERLOCKING MOVABLE ARMS.

- P70N: maximum opening 43cm.
- P75N: maximum opening 53cm
- P80N: maximum opening 63cm
- Interchangeable Pads and Bands covers of different softness



VIBRATING HEAD mod. P100

CLOSURE SYSTEM WITH TWO PARALLEL MOVABLE ARMS

- maximum opening 45cm
- Interchangeable Pads and Bands covers of different softness
- Suspensions: spring , silent block



- Vibrating head movements: lateral, vertical and oblique