



**Vineyards and orchards**

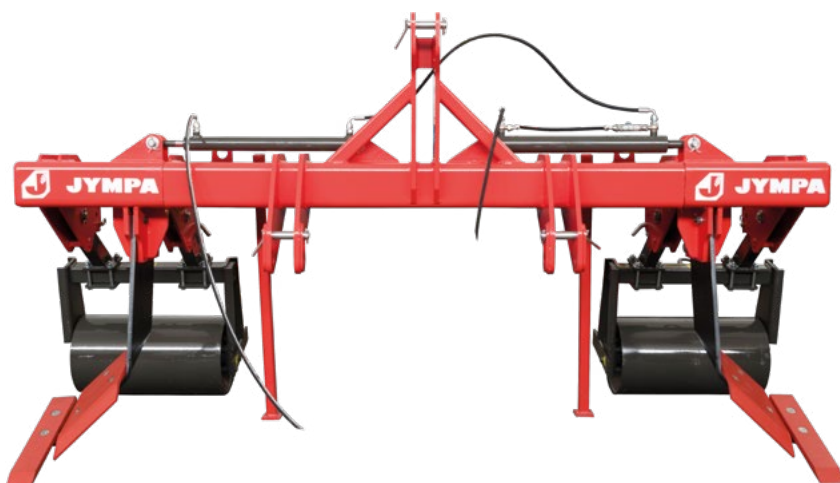
# MiNTAKA

*Soil loosener*

The successive passage of tractors and heavy machinery through the vineyard streets or orchards causes soil compaction that makes it difficult for roots to develop properly.

The **MiNTAKA** loosener produces a softening of the subsoil in those compacted areas close to the roots of the grapevines or fruit trees, so that moisture can reach them better and the roots can develop better, creating new ramifications (root pruning).

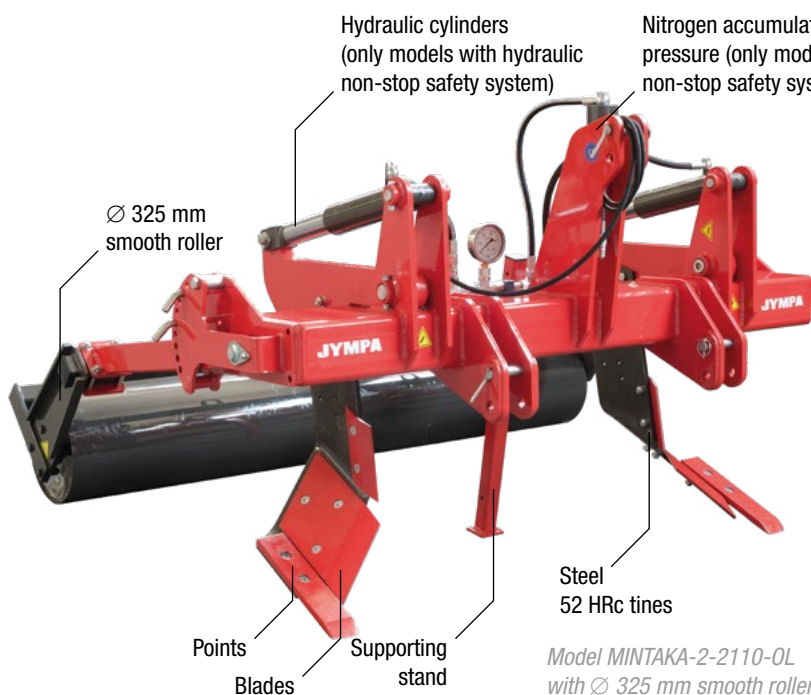
**“Little alteration  
of the surface”**



*Model MINTAKA-2-1800-EH with  $\varnothing$  325 mm smooth roller: its hydraulic extendable frame adapts better to the specific width of the crop streets and provides more versatility.*



*Model MINTAKA-1 with  $\varnothing$  325 mm smooth roller*



## Roller options

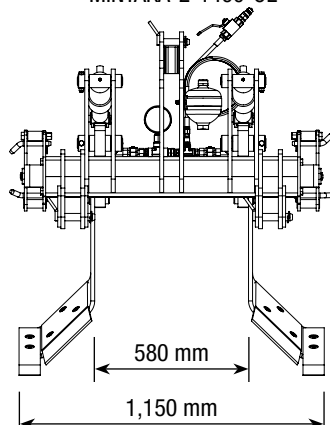


Ø 325 mm smooth roller

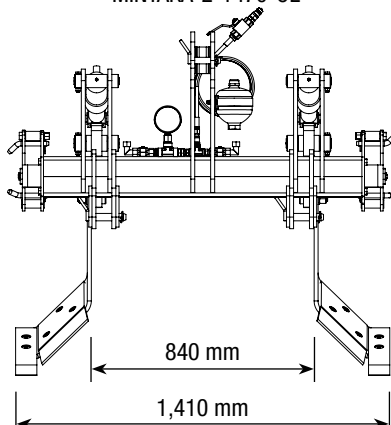


Ø 430 mm packer roller

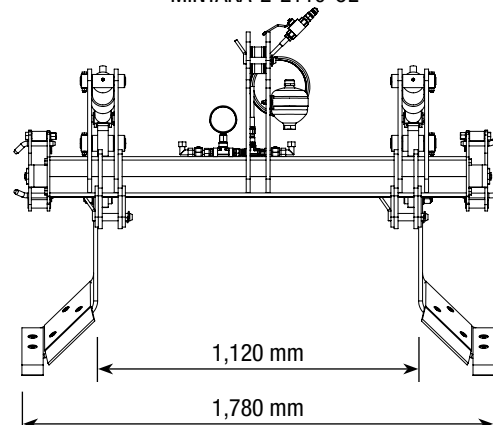
MINTAKA-2-1490  
MINTAKA-2-1490-OL



MINTAKA-2-1470  
MINTAKA-2-1470-OL



MINTAKA-2-2110  
MINTAKA-2-2110-OL



Models with **mechanical safety system** instead of nitrogen accumulator and hydraulic cylinders incorporate **swinging bolts and safety fuses**.

### Optional elements:

- Kit Dynamic Scan (models with hydraulic safety system)
- Tines with protectors and/or wings
- Lightning kit
- V20 reflective plates

**DYNAMIC SCAN**  
by JYMPA

It measures the degree of compaction of the soil and generates hardness maps in real time.

| Model             | Required power<br>HP | Tine type | Security system | Width without roller<br>m | Width with roller<br>m | Working depth<br>cm | Clearance | No. tines | Tines section<br>mm | Tines spacing<br>cm | Hitch category | Approximate weight<br>kg |
|-------------------|----------------------|-----------|-----------------|---------------------------|------------------------|---------------------|-----------|-----------|---------------------|---------------------|----------------|--------------------------|
| MINTAKA-1         | 50-80                | Double    | Mechanical      | 0.86                      | 1.07                   | 45 - 55             | 82        | 2         | 15 x 230            | -                   | 2 N            | 230                      |
| MINTAKA-2-1490    | 50-80                | Simple    | Mechanical      | 1.15                      | 1.59                   | 45 - 55             | 82        | 2         | 15 x 230            | 58                  | 2 N            | 350                      |
| MINTAKA-2-1740    | 50-80                | Simple    | Mechanical      | 1.41                      | 1.84                   | 45 - 55             | 82        | 2         | 15 x 230            | 84                  | 2 N            | 400                      |
| MINTAKA-2-2110    | 50-80                | Simple    | Mechanical      | 1.78                      | 2.21                   | 45 - 55             | 82        | 2         | 15 x 230            | 121                 | 2 N            | 450                      |
| MINTAKA-2-1490-OL | 50-80                | Simple    | Hydraulic       | 1.15                      | 1.59                   | 45 - 55             | 82        | 2         | 15 x 230            | 58                  | 2 N            | 550                      |
| MINTAKA-2-1740-OL | 50-80                | Simple    | Hydraulic       | 1.41                      | 1.84                   | 45 - 55             | 82        | 2         | 15 x 230            | 84                  | 2 N            | 600                      |
| MINTAKA-2-2110-OL | 50-80                | Simple    | Hydraulic       | 1.78                      | 2.21                   | 45 - 55             | 82        | 2         | 15 x 230            | 121                 | 2 N            | 650                      |
| MINTAKA-2-1800-EH | 60-100               | Simple    | Mechanical      | -                         | 1.80 - 3.00            | 45 - 55             | 82        | 2         | 15 x 230            | 113-233             | 2 N            | 750                      |