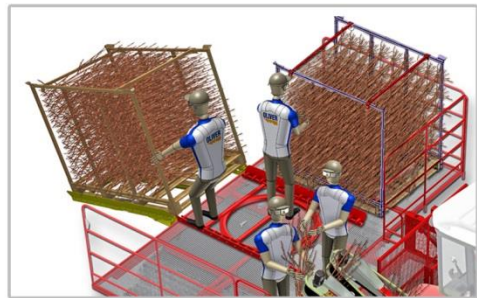


OPTIONAL

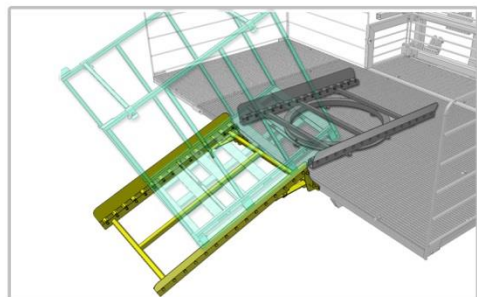


PALLET BASKET

To better manage the collection of plants on the platform, pallets are available which, thanks to their high shoulders, safely store many plants.

Dimensioni: 107x153x150 cm

Peso: 40 Kg



CAROUSEL LOAD / UNLOADING

To facilitate the loading and unloading of the pallet baskets, a kit consisting of a rotating carousel is available, which allows the pallet baskets to be loaded and then directed onto the up / down rail.

Revolving carousel dimensions: 116x150x24 cm

Weight: 95 Kg

Revolving carousel dimensions: 116x160x34 cm

Weight: 50 Kg

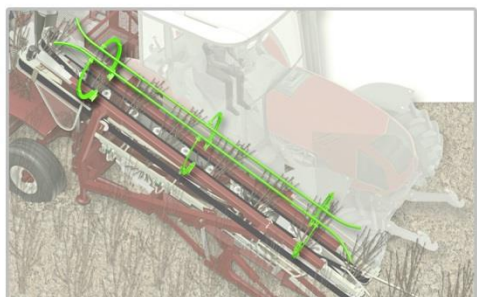


COLLECTION FACILITATOR KIT

To facilitate the sorting of the plants, a collection facilitator kit is available that allows to reduce the personnel on board. The kit takes the synchronized movement from the hydraulic motors of the 2 conveyor belts. Its particular structure conveys the plants in front of the operator, giving him time to check for any differences in height, and then separate them.

Dimensions: 140x140x73 cm

Weight: 70 Kg



TALL PLANTS DRIVING

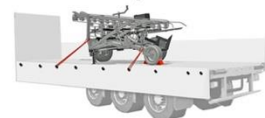
If the need arises to extract tall plants, a tall plant guide is available which, once positioned, avoids folding them.

Dimensions: 74x365x73 cm

Peso: 40 Kg

TECHNICAL DATA

Reduced transport dimensions



		HP	100 - 120 HP
DIMENSIONS / WEIGHT	OPEN MACHINE	340x320x220 cm	1100 Kg
	CLOSED MACHINE	160x320x220 cm	1100 Kg
	PLATFORM	416x202x120 cm	300 Kg
		-	-

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HARVESTING MACHINE SP2000



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HARVESTING MACHINE SP2000

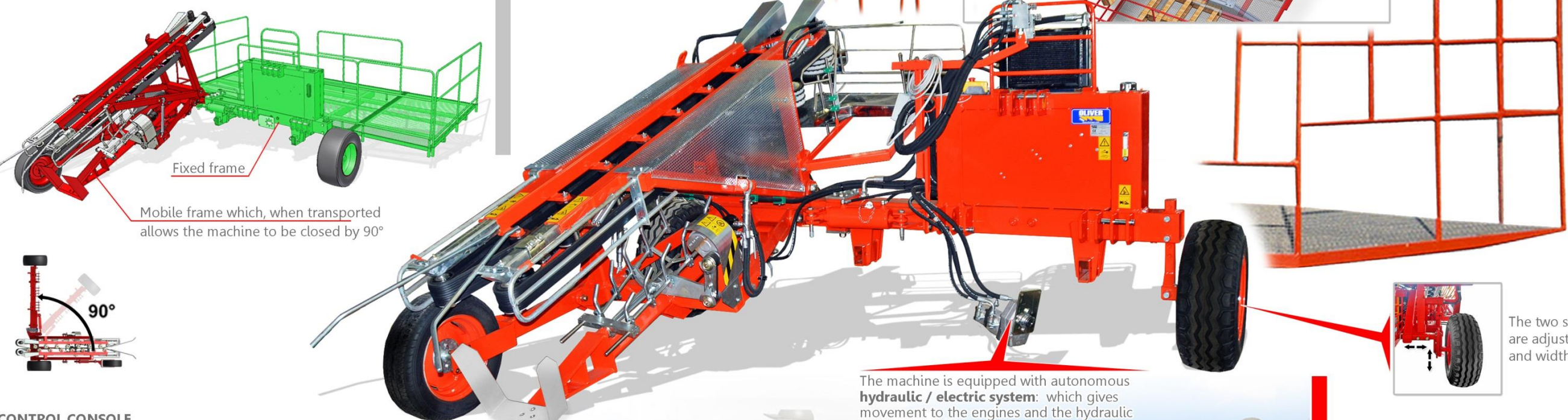
The **HARVESTING MACHINE SP2000** is a machine designed for:

- excavation of the grafts
- harvesting (vine and fruit trees)
- sorting
- storage of nursery plants

-It prefers **soils** of: **medium texture, sandy, soft**

Suitable for production from: **100,000** to **300,000** up, with a daily production of around **15.000** selected plants . Work on root systems up to **30** cm.

STRUCTURE AND OPERATION

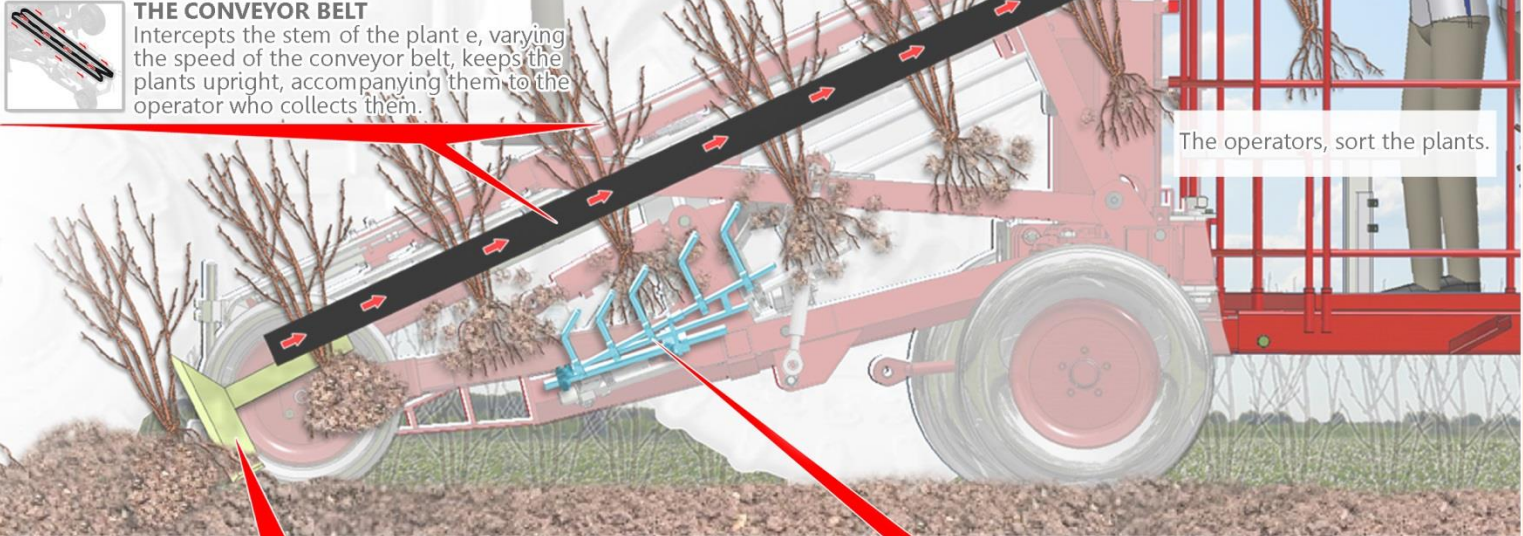


CONTROL CONSOLE

Machine **start / stop console** and **hydraulic piston** command management for:

- Steering**
Corrects, and keeps the machine.
- Lift**
raises and lowers the mobile frame
- Excavation drill**
adjusts the working depth of the digging knife (from 35 to 40 cm)

MACHINE WORKING SEQUENCE



**1) FIRST PHASE
DIGGING KNIFE**
penetrates deep into the soil, under the root system, up to 30 cm. Simultaneously, the conveyor belt intercepts the stem of the plant, dragging it towards the shaker.



**2) SECOND PHASE
FIRST SHAKER**
The shaker (8) has a length that is a good part of the conveyor belt area. Oscillating alternately, it performs a complete skimming of the soil, which is located around the root system of the plants.



STRUCTURE AND OPERATION



In line, the harvesting machine SP2000 mounts a platform where the operators are placed, which perform the sorting of the plants.

The machine mounts two pallet magazine forks, which are used as needed.



The two stabilizing wheels are adjustable in height and width.



The machine is complete with rudder which, penetrating into the ground (the depth is adjustable), helps to keep it underway during the work phase.