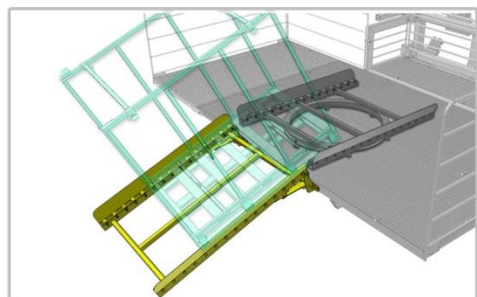


#### PALLET BASKET

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

**Dimensions:** 107x153x150 cm

**Weight:** 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

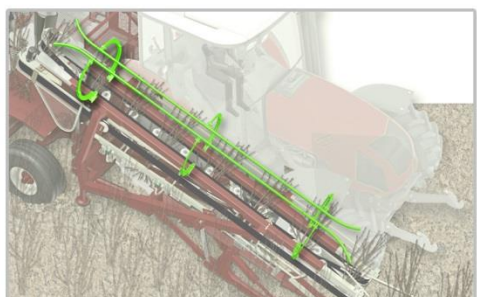


#### COLLECTION FACILITATOR KIT

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

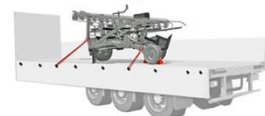
If the need arises to extract tall plants, a tall plant guide is available which, once positioned, avoids folding them.

**Dimensions:** 74x365x73 cm

**Peso:** 40 Kg

#### TECHNICAL DATA

Reduced transport dimensions



		HP	100 - 120 HP
DIMENSIONS / WEIGHT	OPEN MACHINE	350x455x220 cm	1300 Kg
	CLOSED MACHINE	200x455x220 cm	1300 Kg
	BASKET	175x85x135 cm	130 Kg
	PLATFORM	416x202x120 cm	300 Kg



**OLIVER AGRO S.R.L.**  
Via Torre, 350 - 37056  
ENGAGGA' DI SALIZZOLE (VERONA) - ITALY  
Tel. +39 045 6954392 - Fax. +39 045 6954408  
[info@dittaoliver.com](mailto:info@dittaoliver.com) - [www.oliveragro.com](http://www.oliveragro.com)



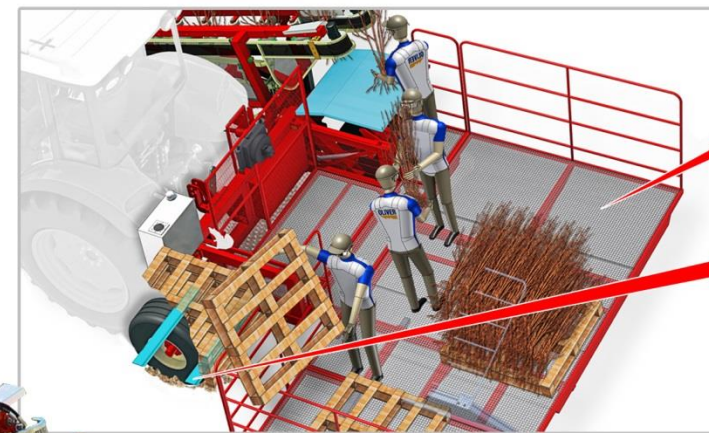
# HARVESTING MACHINE SP96





The HARVESTING MACHINE SP96 is a machine designed for:  
**excavation, collection, sorting, storage of nursery plants.**  
 Suitable for **nursery** from **300,000 fruit trees, ornamental** and **rooted cuttings**, with a **daily yield** of over **20,000 plants harvested and sorted.**  
 Work on root systems from **30 to 50 cm** and above.

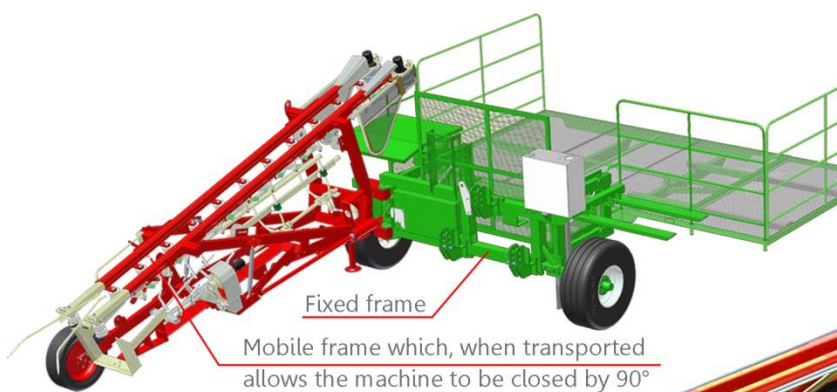
## STRUCTURE AND OPERATION



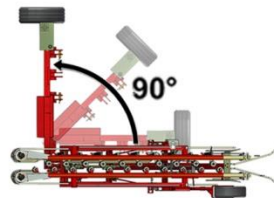
The machine mounts two pallet magazine forks, which are used as needed.



## STRUCTURE AND OPERATION



Mobile frame which, when transported allows the machine to be closed by 90°



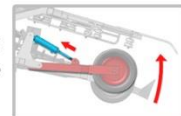
## CONTROL CONSOLE



**Steering**  
Corrects, and keeps the machine.



**Lift**  
raises and lowers  
the mobile frame

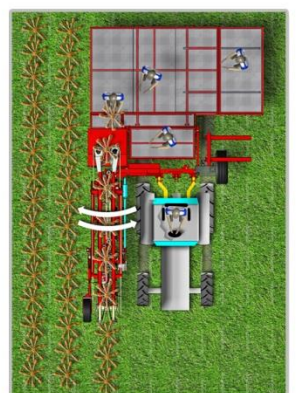
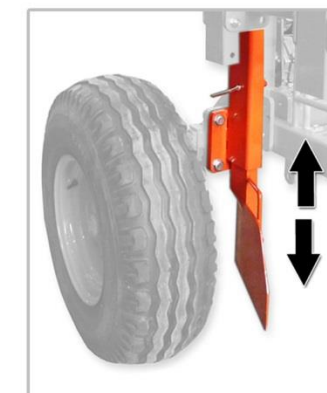
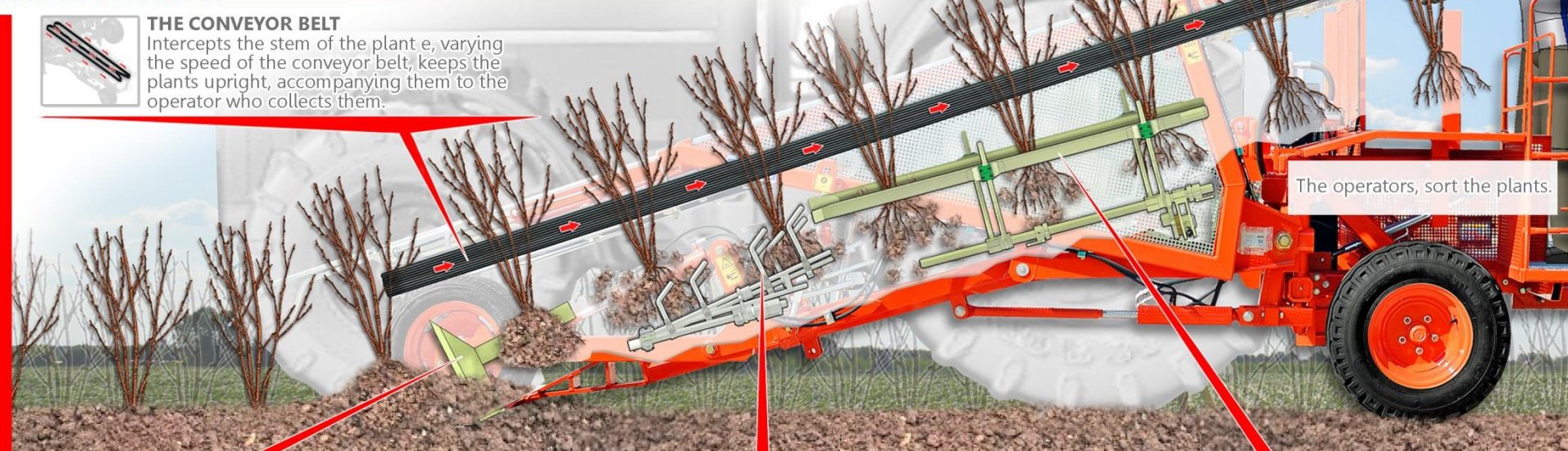


**Excavation drill**  
 ùadjusts the working  
 depth of the digging  
 knife (from 35 to 40 cm)

## ■ MACHINE WORKING SEQUENCE



**THE CONVEYOR BELT**  
Intercepts the stem of the plant e, varying the speed of the conveyor belt, keeps the plants upright, accompanying them to the operator who collects them.



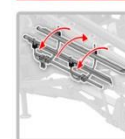
### 1) FIRST PHASE DIGGING KNIFE

Penetrates deep into the soil, below the root system.  
Simultaneously, the conveyor belt conveys the stem of the plant towards the first shaker



## 2) SECOND PHASE

Alternately oscillating, performs a first skimming of the ground, from the roots of the plant.



### 3) THIRD PHASE SECOND SHAKER

Alternately oscillating, performs complete cleaning of plant roots.

