



Single-row + internal hydraulic system

Single-row Automatic

Single-row

## Hydraulic Vegetable Weeder Machine ZUZA 3

**ZUZA 3** machine is designed for mechanical weed control in crops growing in rows, at a spacing to allow passage of a tractor on a cultivated lane. The machine is perfect for “organic farming”, can significantly reduce or even eliminate the use of herbicides in the orchard. This reduces the cost of maintenance and facilitates keeping these crops.

- ZUZA 3 is adapted for weeding row of vegetable crops, flowers, lavender, lettuce, rhubarb, asparagus and such young currants, strawberries, young cannabis and other plants up to a height of **55 cm**
- Vegetable weeder ZUZA 3 equipped with hydraulic or mechanical displacement to work with different distance between rows

### Specification of rotor head cultivators for all versions:

- Rotor heads cultivator has There are two sizes of rotor head cultivator: small 225 mm and big 300 mm
- 3-pairs of spring claw or/and vertical knives that destroy weeds. The knives recommended to be used on stony and hard soil.
- The working depth is set by changing the relative position of the rotor head and the support plate, which copies the weeding area from 1 cm to 4 cm
- Speed regulator of the rotary heads
- Reversible rotary motion
- Adjustable sweep cover of rotor heads

D= 300 mm / Springs



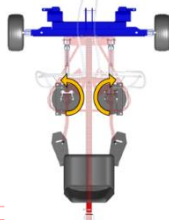
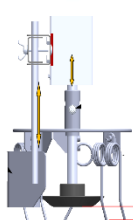
D= 225 mm / Springs



D= 300 mm / Knives



D= 225 mm / Knives



See web page



Rhubarbs pumpkins lettuces Lavenders strawberries Young Berry Bushes: Currants, Aronia, Raspberries Asparagus Peppers Cauliflowers Artichokes Aubergines Carrots Onions Potatoes



## Single-Row Vegetable Weeder ZUZA 3

ZU-001

- EXCLUSIVE DESIGN
- EFFICIENT
- FLEXIBLE
- FAST



Tractor Pump  
min 20 l/min



Shifting frame by 40 cm  
Mechanically



30 – 90 HP



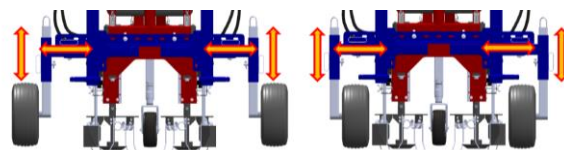
250 Kg



2 Rotor Heads

### Equipped and Features:

- Adjustable seat – equipped with seatbelt, wheels, feet, and handles
- Speed regulator valve
- Mechanical shifting by **40 cm**
- Different size and type of rotor heads
- Adjustable weeding depth, and sweep cover
- Reversible rotary motion



Working Position

Transport Position



ZU-001A

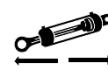
with joysticks control



2 joysticks



Tractor Pump  
min 30 l/min



Shifting frame by 40 cm  
Mechanically



30 – 90 HP



250 Kg



2 Rotor Heads

### Additional Equipment To ZU-001

- With joysticks control instead mobile arms, 12V Electrics plug
- 2 hydraulic cylinders

To eliminate the requirement of physical strength and increase the working hours on the device

ZU-001F

with internal hydraulic kit



Internal  
Hydraulic Kits



Shifting frame by 40 cm  
Mechanically



30 – 90 HP



450 Kg



2 Rotor Heads

### Additional Equipment To ZU-001

- Internal hydraulic kit: pump+ 75 litres oil tank + cooling radiator
- Adjustable wider wheels

Eliminating the overheat risk as the cooling system inside the machine that maintains the proper temperature of the hydraulic system, and increase the working hours on the device with high efficiency without using the hydraulic pump of the tractor's

### Optional



With Joysticks' control

See web page



Rhubarbs pumpkins lettuces Lavenders strawberries Young Berry Bushes: Currants, Aronia, Raspberries Asparagus Peppers Cauliflowers Artichokes Aubergines Carrots Onions Potatoes

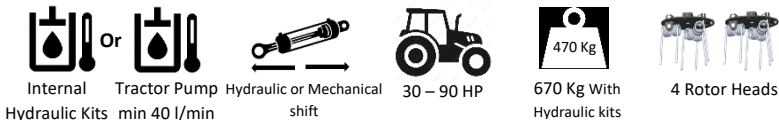
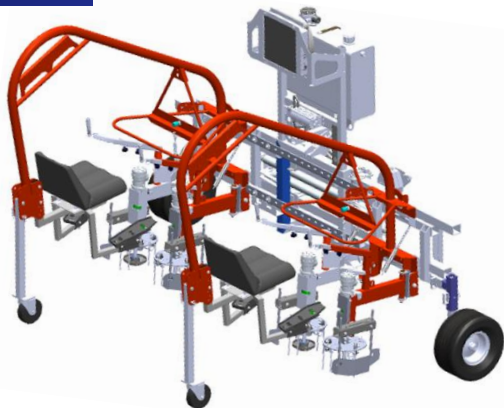
## 2-Row Vegetable Weeder ZUZA 3

ZU-002

2-ROW

ZU-002F

with internal hydraulic kit



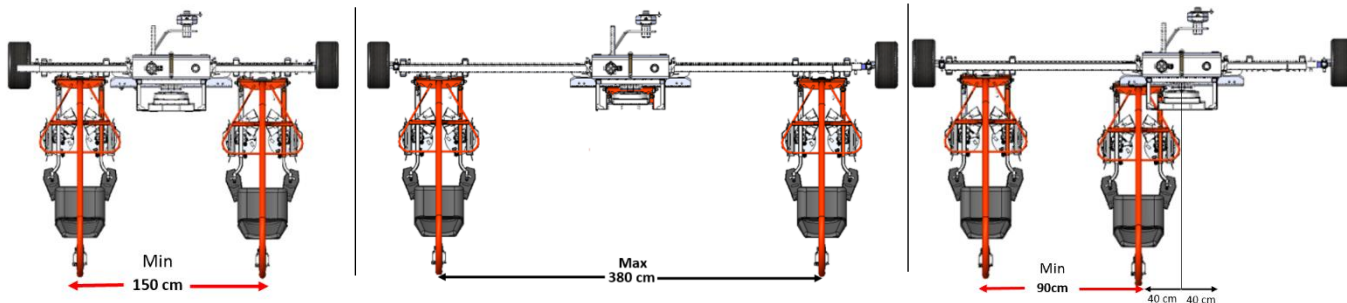
### Equipped and Features:

- Speed regulator valve per each frame
- Mechanical displacement between rows (min: 0.9 m to 3.8 m)

### Optional

- Internal hydraulic kit: pump+ 75 litres oil tank + cooling radiator
- Hydraulic displacement between rows (min: 0.9 m to 3.8 m)
- With Joysticks' control

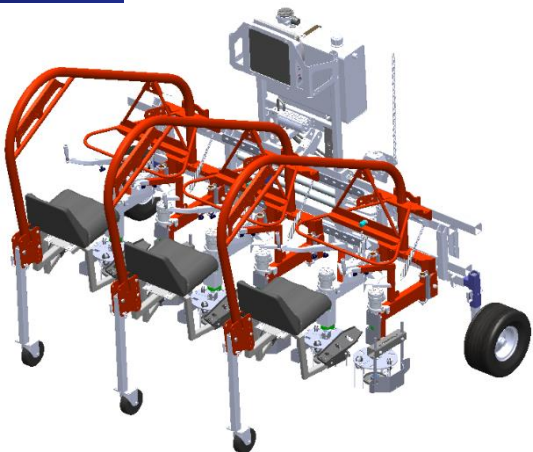
The configuration of the machine can fit with different distance between rows by using hydraulic cylinders



## 3-Row Vegetable Weeder ZUZA 3

ZU-003

3-ROW

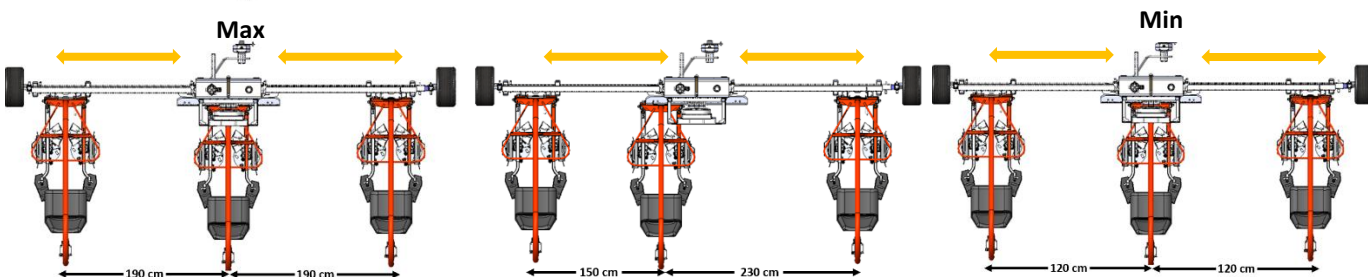


### Equipped and Features:

- Internal hydraulic kit: pump+ 75 litres oil tank + cooling radiator
- Speed regulator valve per each frame
- Mechanical displacement between rows (min: 0.9 m to 3.8 m)

### Optional

- Hydraulic displacement between rows (min: 0.9 m to 1.9 m)
- With Joysticks' control





## Technical Specification

Version	Single-Row	Double- Rows	Triple -Row
Mounting method to tractor	3-point linkage Category 2 (rear of the tractor)		
Displacement	Mechanical	Hydraulic	Hydraulic
Length (cm)	222 cm	222 cm	222 cm
Height (cm)	215 cm	215 cm	215 cm
Shipment Width (cm)	124 cm	240 cm	260 cm
Max Working Width (cm)	155 cm	300 cm	430 cm
Weeding Depth	1-4 cm	1-4 cm	1-4 cm
Weeding Head Size (cm)	22.5 or 30 cm	22.5 or 30 cm	22.5 or 30 cm
Working Speed	1 - 3 km/h	1 - 3 km/h	1 - 3 km/h
Output	0.5 – 1 ha/h	1 – 2 ha/h	1.5 – 3 ha/h
Staff Required	Operator + 1	Operator + 2	Operator + 3
Weight	250 kg	470 kg	1000 kg



ZU-001

Watch Machine In Action



ZU-001A

Watch Machine In Action



ZU-003

Watch Machine In Action

