

AUTOMATIC SIDE WEEDER - LUCY



AUTO WEEDER MACHINE LUCY

LUCY– an innovative, hydraulically powered auto weeding machine is intended for destroying weeds in orchards of fruit trees, plantations of berry bushes vineyards and more other. The machine is dedicated for **“organic crops”**. The use of the weeder allows to reduce significantly or even eliminate the use of herbicides in the fruit production.

✓ The hydraulically adjustable width allows for use in crops with different row widths.

✓ The rotating working heads weed the strip of field between trees. Arriving at the trunk, they automatically move away from it, and after "moving around" the obstacles return to the previous setting. This solution permits to avoid any risk of plant damage.

✓ Head Diameter 300 mm equipped With 3 Vertical Knives



- ✓ LUCY Auto weeder is controlled by means of an electric console located in the tractor cab
 - An emergency stop push button (Red)
 - Regulate the width (A)
 - Regulate the speed of the head cultivator (B)
 - Regulate the height (C)

Electric Console Panel

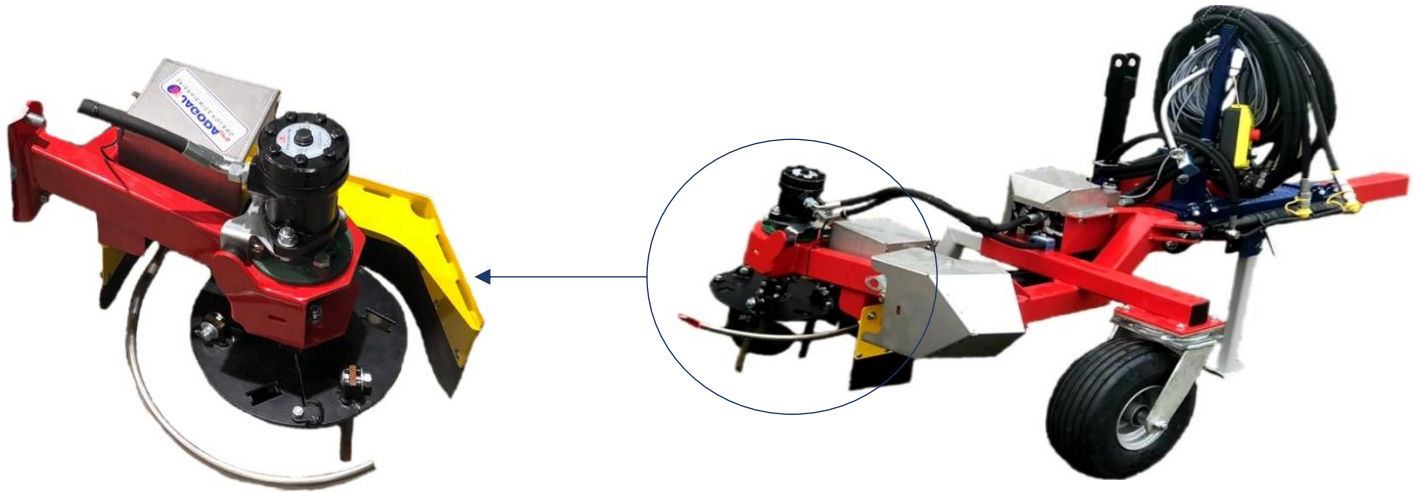


- ✓ The weeder is mounted on the front of the tractor
 - By three point-linkage CAT-2 **or**
 - Connected to the tractor by a special bracket (depending on the tractor model)- **Optional**
 - The customized bracket allows lifting up the machine around 20 cm and lowering down 20 cm from the centre.
 - The additional hydraulic cylinder connected to control panel bottom to regulate the high of machine.

External PTO Hydraulic Pump



- ✓ The weeder is powered by:
 - The tractor's hydraulics with minimum oil pressure pump **30 L/min "or"**
 - By universal external PTO Hydraulic pump mounted in the rear of the tractor equipped with oil cooler, oil tank and oil pump (**OPTIONAL**) In case the tractor doesn't have oil pump below 30 L/min,
The PTO Hydraulic pump can be used for other machines.



Specification	One-Sided
Shipment Width (cm)	220 cm
Max Working Width (cm)	170 cm (from the tractor's axle)
Min Working Width (cm)	110 cm (from the tractor's axle)
Length (cm)	118 cm
Height (cm)	116 cm
Weeding Depth	1-4 cm
Weeding Head Size (cm)	30 cm
Working Speed // Transport Speed	1 - 3 km/h // 20 km/h
Oil Pressure Requirement (L/min)	30 l/min or External PTO Hydraulic pump- Optional
Mounting method (front)	3-point Linkage- CAT 2 or special bracket (depending on the tractor model)- Optional
Weight	180 kg

[VIDEO 1](#)

[VIDEO 2](#)

www.jagoda.com.pl/en



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www.instagram.com/jagodajps_agromachines/
www.facebook.com/jagodajpscompany/
 Phone: +48 46 831 01 96
 E-mail: jagoda@jagoda.com.pl

