

MODEL	WEEDING MACHINE CHARACTERISTICS:			
	RTOSARK	ROTOVERT	COLIBRI	OPTYMA
	"Rotosark" Inter row weeding machine with fixed or hydraulic shifting or foldable frame with variable load parallelograms that work over the sown or transplanted row. These elements have as standard: 01 pair of rotors called Rotoblizz, in steel with diameters of 30, 35 and 40 cm with agrihub bearing (maintenance free), opposed and inclined at 28 °, 02 socs to work in the inter-row and 02 deflectors to hearth up the plant.	"Rotovert" Inter row weeding machine with fixed or hydraulic shifting or foldable frame with variable load or tilting parallelograms that work over the sown or transplanted row. These elements have as standard: 01 pair of rotors called Rotovert in steel with agrihub bearing (maintenance free), opposed with adjustable inclination, 02 dovetail blades for working in the inter-row.	" COLIBRI" inter row weeding machine acts directly next to the sown row 2 cm from the plant with minimum inter-row distances of 4.5 cm, without damaging the root and leaf system, preventing the germination of weeds. Thanks to its active weeding given by the motorized rotation of the discs, COLIBRI gently shreds the soil without moving the plant. The speed and configuration of the discs can be adjusted and required according to the stage of the plant and the type of soil.	"Optyma" is our automatic and patented weeder, inter-row and inter-planting hoeing machine with distances starting from 25 cm between the rows: it is characterized by ease of use thanks to a plant recognition system by optical fiber sensors. With OPTYMA we can perform the total weeding between the rows and between the plants without throwing soil over the plant.
	foto macchine 10 file o 4 file semplice	foto macchine quella su carota e su insalata 4 f	foto macchine su carota	foto macchine su insalata
CROPS	Processing tomato; garlic, Soja, corn, fruit tree nursery, tobacco, potatoes, peanuts, cauliflower, cabbage, processing tomato, beans, garlic, aromatic herbs...	Salad; Cauliflower, Broccoli, leeks, onions, (both sown and transplanted), garlic, kale, onion, carrots, celery, fennel, aromatic herbs, basil, parsley...	BABY LEAF, BASIL, AROMATIC HERBS, PARSLEY, ONION (SOWN), CARROTS...	Salad, chicory, radicchio, cauliflower, broccoli, celery ...
Link internet site:	https://www.oliveragro.com/product/uncategorized/rotoblizz-application-on-rotosark-frame/ https://www.oliveragro.ru/produkta/uncategorized/rotosark-applicazione-rotoblizz/	https://www.oliveragro.com/product/uncategorized/rotovert-application-on-rotosark-frame/ https://www.oliveragro.ru/produkta/uncategorized/rotosark-applicazione-rotovert/	https://www.oliveragro.com/product/organic/optyma-eng/ https://www.oliveragro.ru/produkta/biologicheskoye/colibri/	https://www.oliveragro.com/product/organic/colibri-en/ https://www.oliveragro.ru/produkta/biologicheskoye/new-optyma-2019/
Youtube:	https://www.youtube.com/user/dittaoliver1/			
BED	YES	YES	YES	YES
RIDGES		YES	YES	YES
FLAT SOIL	YES	YES	YES	YES
TYPE OF SOIL	SANDY + MEDIUM + WITH OR WITHOUT LITTLE STONES HARD SOIL ADDING CRUST BREAKERS, ACCESSORIES LOAM SOIL WITH CLEANER DISCS ACCESSORIES	SANDY + MEDIUM WITH OR WITHOUT LITTLE STONES HARD SOIL ADDING CRUST BREAKERS, ACCESSORIES	NO STONES VERY LEVELLED SOIL, PREFERABLE MEDIUM/SANDY SOIL FOR BABY LEAF/CARROT Not advisable for loam stick soil in 5 cm in baby leaf.	PREFERABLE WITHOUT STONES VERY LEVELLED SOIL,
INTER ROW DISTANCE			Min cm 4.5 in carrots all soils (no stones!)	Min 25
INTER PLANT DISTANCE	Minimum 35 cm - 13' ½ (inches)	Minimum 15-35 cm - 6' to 13' ½ (inches)	Baby leaf 5 cm : in medium sandy soil, From 7 cm in any soil.	Min 12 cm
ROTORS DIMENTIONS	Fixed Inclination at 28° Cm 30 inter row distance 35-45 cm Cm 35 inter row distance 45-55 cm Cm 40 inter row distance more than 55 cm	01 size, adjustable in inclination	Standard diam .320 MM For deeper furrow 345 MM	Knives dimension: 60 MM X20 MMX3 SP
WORKING SPEED	3-7 KM/H	2-5 KM/H	1.5 – 3.5 KM/H	1.2-1.5 KM/H
PREPARATION OF THE SOIL	GOOD PREPARATION OF THE SOIL	GOOD PREPARATION OF THE SOIL	RTK, BED FORMER, STONE BURRIER WITH LEVELLING HYDRAULIC ROLL PERFECT PREPARATION OF THE SOIL, LEVELLED.	RTK, BED FORMER, STONE BURRIER WITH LEVELLING HYDRAULIC ROLL
SOWING/TRANSPLANTING	centered on the bed	centered on the bed	with RTK, bed former or stone burrier with levelling hydraulic with smooth roll. centered on the bed	with RTK and soil levelled. centered on the bed
N° OF THE ROWS	Depending on the transplanter/drilling machine n° of rows, multiple bed too.	Depending on the transplanter/drilling machine n° of rows, multiple bed too.	Depending on the transplanter/drilling machine n° of rows, till 1 bed 80" - 2.00 MT	Depending on the transplanter/drilling machine n° of rows, till 1 bed 80" 2.00 MT + multiple beds.
MECHANICAL	Yes	Yes	NO	NO
STEERING	1. If customer has RTK on tractor, the tractor driver can steer the machine with a 10.5' HD monitor viewing and Zooming in front of 1 rows 2. hydraulic drive/joystick with a person behind on shifting hydraulic frame 3. Automatic steering camera 4. Manual with an handle which steers the 2 front weels on fixed frame	1. If customer has RTK on tractor, the tractor driver can steer the machine with a 10.5' HD monitor viewing and Zooming in front of 1 rows 2. hydraulic drive/joystick with a person behind on shifting hydraulic frame 3. Automatic steering camera 4. Manual with an handle which steers the 2 front weels on fixed frame	1. hydraulic drive/joystick with a person behind on shifting hydraulic frame 2. Automatic steering camera	3. hydraulic drive/joystick with a person behind on shifting hydraulic frame 4. Automatic steering camera

ELECTRONICS	Automatic steering camera – we purchase the same as Garford.	Automatic steering camera - we purchase the same as Garford.	Sophisticated with ISOLATED MAGNETIC ANGLE depth sensors, hydraulics, proportional valve, automatic steering camera - we purchase the same as Garford.	Sophisticated: with or without depth sensors, photocells for opening of the knives, pneumatics, hydraulics, automatic steering camera - we purchase the same as Garford.
OIL REQUIREMENT:	DEPENDING ON THE CONFIGURATION.	DEPENDING ON THE CONFIGURATION.	INDEPENDENT HYDRAULIC SYSTEM	INDEPENDENT HYDRAULIC SYSTEM
EASY TO USE:	User friendly modular	User friendly modular	Some attention on the steering camera Easy to adjust the depth sensors	Some attention on the steering camera Easy to adjust the delay of opening Easy with the photocells Easy to adjust