

# THE REVOLUTION IN YOUR ORCHARD

### PICK UP YOUR FRUITS AND NUTS WITH EASE

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## THE E-BIKE AMONG Fruit harvesters

The Obstraupe offers the gentlest fruit collection among the mechanical fruit harvesters, with effective pre-cleaning of leaves and grass residues. The battery-powered device is immediately ready for use and can be transported compactly even in the trunk of a car. The innovative pick-up technology is as simple as it is brilliant: The pick-up roller with soft fins, driven by an electric motor, pushes the valuable collected material via a transfer plate into a fruit box over a working width of 74 cm (29 inch). Fruit and nuts fly through the leaf brush, while leaves and grass get stopped and fall back through a gap onto the meadow.



Gentle fruit collection with plastic fins

### **GENTLE COLLECTION**

The flexible plastic fins, together with the transfer plate, form the heart of the Obstraupe. They adapt to different fruit sizes and soil conditions and ensure efficient and gentle fruit collection. Fruit is gathered from the meadow floor by the fins of the rotating roller and pushed into the fruit box via the transfer plate.

### **EFFECTIVE PRE-CLEANING**

The patented system for pre-cleaning separates leaves and grass from the fruit using a leaf brush. Due to their heavier weight and therefore force, fruits and nuts are able to slide through the brush into the box. However, leaves and grass that have been collected get stopped by the filter brush and will fall back through the gap onto the meadow.



The leaf brush for separating leaves



**MADE IN AUSTRIA** 

The base frame is made of stainless steel. The aluminium elements are anodised to a high standard. The collection fins are made of food-safe plastic. Our products are made to last – made from practice for practice and already proven over 850 times.

Convenient box change by means of foot

## THE SYSTEM FOR A Successful Harvesting process

The Sortier! is a versatile sorting table for sorting nuts and fruits. Selected fruits are processed. Bad fruit is sorted out and no longer interferes with further harvesting passes. The variable strut spacing can be adapted to different fruit size. With the optional wheels\*, the table can be easily adjusted in the field. Each table leg is infinitely height-adjustable and foldable. The modules for filling sacks\* and hanging boxes allow maximum design freedom for optimal workflows.



# PRESERVE WHAT PRESERVES US

"With Obstraupe, the harvesting time was significantly reduced. We were able to harvest about 1.5 tonnes of orchard fruit in little more than two hours."

Gunther Lautenschlaeger, Brensbach

## TOOLS FOR GREAT Smallholders

### **ON BEHALF OF NATURE**

Organic Tools stands for smart tools in use for a sustainable, diverse agriculture. So that the work of great smallholders is made easier and the added value for the purse, nature and society grows.



OBSTRAUPE SILVER FOX 04	SORTIER! 02
TECHNICAL DATA	TECHNICAL DATA
<ul> <li>Collecting roller: 74 cm (29.13 inch) working width</li> <li>2 fruit boxes with 34 L (7.5 UK gal) capacity 60 x 40 x 17 cm (23.62 x 15.74 x 6.69 inch)</li> <li>500-1000 kg/ hour (1120-2204 lbs) pick-up capacity</li> <li>Up to 6 inch grass length</li> <li>Roller drive: 300 W brushless e-motor</li> <li>E-bike battery 48 V - 14,5 Ah (approx. 5 hours use)</li> <li>Stainless steel and anodized aluminium frame</li> <li>24" solid rubber wheels</li> <li>Height-adjustable and foldable handlebar</li> <li>33 kg (72.75 lbs) total weight</li> <li>Transport dimension 95 x 78 x 63 cm</li> </ul>	<ul> <li>Variably adjustable longitudinal struts for fruit from approx. Ø 35 mm (Ø 1.37 inch)</li> <li>Frame made of stainless aluminium and stainless steel</li> <li>Struts in anodised aluminium</li> <li>Legs individually foldable and continuously variable height-adjustable</li> <li>Device for hanging fruit boxes and buckets</li> <li>Transport dimensions 161 x 73 x 33 cm (63.38 x 28.74 x 12.99 inch)</li> <li>Maximum sorting height 110 cm (43.31 inch)</li> <li>25 kg (55.12 lbs) total weight</li> </ul>
ACCESSORIES	ACCESSORIES
<ul> <li>E-bike battery 48 V - 14,5 Ah</li> <li>Quick charger 4A</li> <li>6 fruit box set &amp; box dividers</li> </ul>	<ul> <li>Additional struts for small fruit from approx.</li> <li>Ø 15 mm (Ø 2,16 inch)</li> <li>Wheel module with 2 x 10" solid rubber wheels</li> </ul>
- 6 Iruit box set & box dividers	<ul> <li>Wheel module with 2 x 10° solid rubber wheels</li> <li>Spring steel sack holder for filling sacks</li> </ul>

#### PRODUCTS FROM Organic tools gmbh

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