

Leaf and litter collection equipment





Clean up with ALTO

Thank you for your interest in ALTO! For over 10 years ALTO has been a player in the field that makes properties look their best. The equipment in this catalogue represents the best specialised machines for park and road maintenance, designed with great attention to detail so that ALTO products are easy to handle, highly efficient, less tiring and pleasant to use!

Here you will find innovative solutions such as advanced technologies in our vacuums, hydraulic drive systems and intuitive controls on our suction nozzles, and user-friendly ergonomics that reduce noise, weight, dust and vibration across the entire range.

You can be sure that ALTO products are customer-focused, designed and rigorously tested to meet our customers' highest requirements, which is why they are known for their excellent durability and reliable performance year after year.

When it comes to cleaning up, ALTO equipment offers the best solutions for all your needs at home, in business and in the public sector. We invite you to browse our catalogue, explore our website, watch our videos and work with our network of service dealers to choose the right machine for you.

Kind regards,
ALTO team



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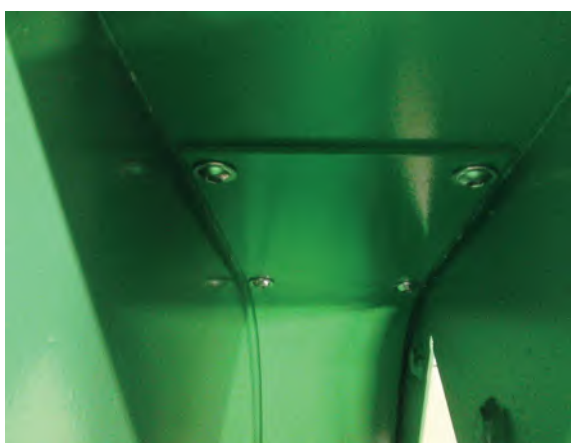
Leaf and litter collector ALTO EP-530 HYDR 30



Leaf and litter collector ALTO EPE-400

The ALTO EPE-400 leaf and litter collector is for private users and municipal companies to clear yards, parks, squares and roads of litter. It collects grass, leaves, branches, cones, acorns, plastic boxes, bottles etc. into a bag. The vacuum connects easily to a lawn tractor's mower deck, picking up leaves, cut grass, discarded plastic packaging, bottles and other debris as you drive. To collect leaves from a windrow or pile, fit the hand nozzle with wheels to the suction pipe for easier pushing. Leaves, grass etc. are collected in a bag. With the vacuum, the bag holds up to four times more leaves than when filled by hand. The bag withstands transport, is reusable and made of linen. It is eco-friendly, biodegradable and does not pollute the environment. Bags can be bought from us or from well-stocked garden shops. In Estonia such bags are used to cover ornamental trees. The bag is easy to change. The vacuum is ideal for smaller and densely planted areas. The bag is 70 cm in diameter and 115 cm high; larger bags can be used. In one go you can clear at least 400 m² of lawn of leaves, cut grass and branches.

Features and accessories



Replaceable housing liner made of HARDOX steel.



Safety switch



Wear-resistant transparent hose and light hand nozzle.
The transparent hose allows visual checks and quick removal of blockages.

ALTO EPE-400

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Horse manure collection handle



B&S 6.5 hp engine with recoil starter



Bag with leaves and support basket



Easily removable discharge chute for cleaning



Collected grass



Collected leaves

Clean up with ALTO

Vacuum technical data

Model	EPE-400 (6,5 hp)
Length	1500 mm
Width (without hose)	620 mm
Height	1340 mm
Weight	98 kg
Turbine	D-360 mm
	L-100 mm
Blades	4 pcs
Shredder	1 pc
Output	50 m ³ /min
Engine	Vanguard
Hose diameter	18 cm
Hose length	2,0/3,0m
Fuel	Petrol 95



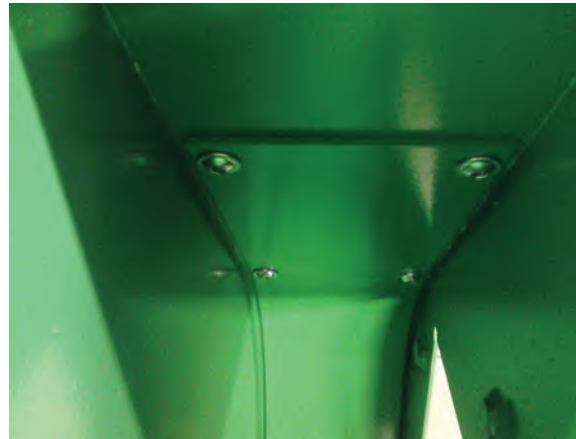
Leaf and litter collector ALTO EPT-400

Leaf vacuum and debris collector for private users and municipal companies to clear yards, parks, squares and roads of litter. It collects grass, leaves, branches, cones, acorns, plastic boxes, bottles etc. into a trailer. The vacuum connects easily to a lawn tractor's mower deck, picking up leaves, cut grass, discarded plastic packaging, bottles and other debris as you drive. To collect leaves from a windrow or pile, fit the hand nozzle with wheels to the suction pipe for easier use. Our leaf vacuum is easy to mount on a trailer drawbar.

A dedicated plate has been developed for this purpose. The leaf vacuum on the trailer drawbar and the hand nozzle with hose can be attached to the sides with holders. Hose holders can also be ordered.

In one go you can clear at least 2000 m² of lawn of leaves, cut grass and branches.

Features and accessories



Replaceable housing liner made of HARDOX steel.



Wear-resistant transparent hose and light hand nozzle. The transparent hose allows visual checks and quick removal of blockages.



Safety switch



Horse manure collection handle

Clean up with ALTO



Adjustable and rotating discharge chute, manually adjustable.



B&S 6.5 hp engine with recoil starter



Trailer ALTO T-350



Inner box dimensions

Length: 1500mm

Width: 900mm

Height: 500mm



Box extension dimensions

Length: 1500mm

Width: 900mm

Height: 400mm



Wide tyres for driving on lawns

Clean up with ALTO

Vacuum technical data

Model	EPT-400 (6.5 hp)
Length	550 mm
Width (without hose)	605 mm
Height	935 mm
Weight	50 kg
Turbine	D-360 mm
	L-100 mm
Blades	4 pcs
Shredder	1 pc
Output	50 m ³ /min
Engine	Vanguard
Hose diameter	18 cm
Hose length	2,0/3,0m
Fuel	Petrol 95





Leaf and litter collector ALTO EP-500

The ALTO EP-500 leaf and litter collector is for municipal companies to clear parks, squares and roads of litter. It collects grass, leaves, branches, cones, acorns, plastic boxes, bottles etc. into a trailer. The vacuum is easy to connect to a tractor's cutting deck to pick up leaves, cut grass, discarded plastic packaging, bottles and other litter while driving. To collect leaves from a windrow or pile, a hand nozzle with wheels can be attached to the end of the suction pipe for easier use.

Our leaf vacuum is easy to install on a trailer drawbar; a special plate has been developed for this purpose. The leaf vacuum on the trailer drawbar and the hand nozzle with hose are attached to the trailer sides with supports. A longer suction hose and supports can also be ordered if needed.

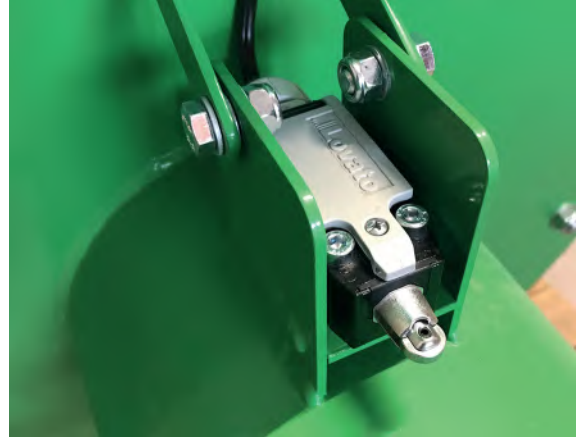
Accessories

- Trailer with extensions for mounting the EP-500 (14 hp) or EP-500 (18 hp) vacuum.
- Suction nozzle/brush ALTO H-120, mounted on the front of the tractor and hydraulically driven.

Features and accessories



Replaceable housing liner made of HARDOX steel.



Safety switch



Wear-resistant transparent hose and light hand nozzle.
The transparent hose allows visual checks and quick removal of blockages.



Horse manure collection handle

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Vanguard 18 hp engine with recoil and electric starter



Vanguard 14 hp engine with recoil starter or with electric starter



Leaf brush ALTO H-120



Adjustable and rotating discharge chute
Manually adjustable, easy to remove and clean

Clean up with ALTO



Fork holders for mounting the leaf vacuum on the rear board of the box



Car-towed ALTO EP-500 leaf and litter collector with box

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Vacuum technical data

Model	EP-500 (14 hp)	EP-500 (18 hp)
Length	470 mm	693 mm
Width (without hose)	575 mm	575 mm
Height	1040 mm	1040 mm
Weight	90 kg	93 kg
Turbine	D-450 mm	D-450 mm
	L-120 mm	L-120 mm
Blades	4 pcs	4 pcs
Shredder	1 pc	1 pc
Output	0,8–0,9 ha/h	0,8–0,9 ha/h
Engine	Vanguard	Vanguard
Hose diameter	20 cm	20 cm
Hose length	5,0m	5,0m
Fuel	Petrol 95	Petrol 95



Leaf and litter collector ALTO EP-510

The ALTO EP-510 leaf and litter collector suits municipal companies for clearing parks, squares and roads of litter, collecting trimmed grass, leaves, branches, cones, acorns, plastic boxes, bottles etc. into a trailer. The vacuum is easy to connect to a tractor's cutting deck, the ALTO H-120 suction nozzle/brush or a hand nozzle. To collect leaves from a windrow or pile, a hand nozzle can be attached to the end of the suction pipe. The nozzle has support wheels that make handling easier. Our leaf vacuum is easy to hitch to the rear hitch of a tractor. A trailer is coupled to the leaf vacuum to collect the leaves and trimmed grass picked up from the ground. The hand nozzle and hose are attached to the trailer sides with supports. The leaf vacuum is driven by a cardan shaft from the tractor's PTO. We recommend a cardan shaft with a freewheel clutch. The optimal tractor size class is the John Deere 3R series.

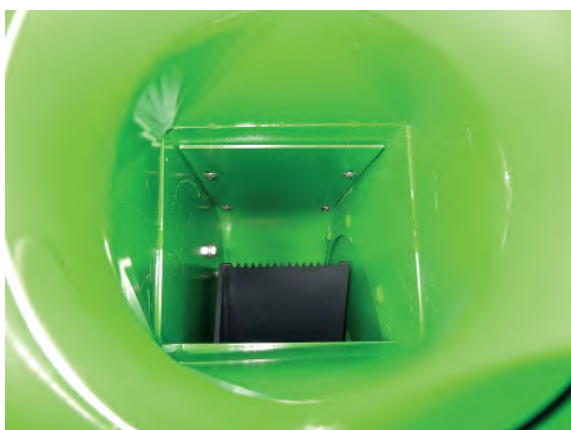
Accessories

- Trailer with side extensions.
- Suction nozzle/brush ALTO H-120, front-mounted on the tractor, hydraulically driven.
- Longer suction hose as needed.
- Additional hose supports.

Features and accessories



All hoses have quick couplings that make disconnecting them easy



Replaceable housing liner made of HARDOX steel.



6-blade HARDOX turbine

Clean up with ALTO



Wear-resistant transparent hose and light hand nozzle. The transparent hose allows visual checks and quick removal of blockages.



Various trailer hitch options – pin or ball coupling



Leaf brush ALTO H-120



Clean up with ALTO



Vacuum technical data

Model	EP-510
Length	550 mm
Width (without hose)	605 mm
Height	935 mm
Weight	170 kg
Turbine	D-490 mm
	L-180 mm
Blades	6 pcs
Output	Up to 90 m ³ /min
Tractor power	30–100 hp
Hose diameter	20 cm
Hose length	5 m
PTO drive	540 RPM

ALTO EP-510

Clean up with ALTO



Hydraulic suction nozzle/brush

ALTO H-120

The ALTO H-120 suction nozzle/brush is designed for use with a leaf vacuum. Together they clear lawns, streets, roads and squares of leaves and cut grass quickly and efficiently. The nozzle is mounted on the tractor's front linkage and connected by hose to the vacuum hitched behind the tractor or on the trailer drawbar. The nozzle has a hydraulic rotating brush that also picks up leaves stuck to the ground. The brush is driven by a hydraulic motor. The floating hitch frame of the nozzle/brush follows the ground contour. To clean different surfaces efficiently, the brush height above the ground must be adjustable. For this, our nozzle/brush has height-adjustable support wheels, skids on the right and left of the housing and a curtain at the front. Low maintenance requirements make the tool easy to look after. Side brush working width 600 mm. The nozzle brush speed is adjustable. The side brush on the nozzle can be switched on and off separately and its speed adjusted.

Features and accessories



The leaf brush follows the ground; various brush mountings for tractors



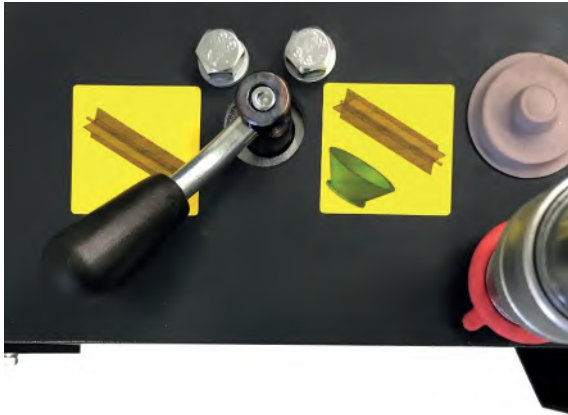
Three support wheels, easily adjustable up and down to suit the ground



Side brush with height adjustable for bristle wear

ALTO H-120

Clean up with ALTO



Main/side brush activation lever



Main and side brush speed regulator



Side skids adjustable to suit the ground and brush wear



Four replaceable brush strips

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Vacuum technical data

Model	H-120
Length	960 mm
Width (without hose)	1318 mm
Height	875 mm
Weight	125 kg
Working width	1200 mm
Brush speed	Up to 500 RPM
Hydraulic flow	Min. 20 l/min
Nozzle drive	From tractor hydraulics
Tractor power	30–100 hp
Hose diameter	20 cm
Hose length	5 m



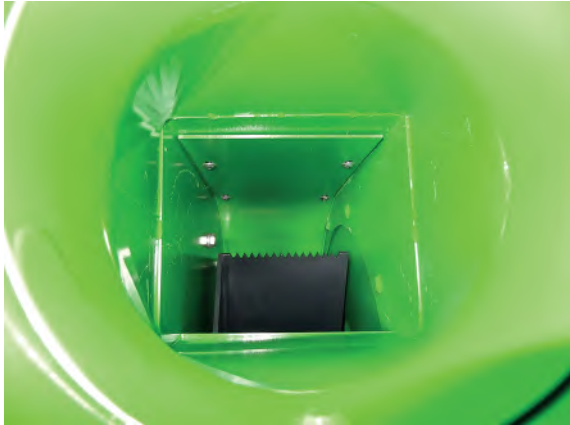
Leaf and litter collector ALTO EP-520 PTO

The ALTO EP-520 PTO is a leaf and litter collector for municipal companies to clear parks, squares and roads of litter, collecting cut grass, leaves, thin branches, cones, acorns, plastic boxes and bottles etc. into a trailer. The vacuum can easily be connected to a tractor's cutting deck, a suction nozzle with brush or a hand nozzle. If you want to collect leaves from a windrow or a pile, a hand nozzle can be attached to the end of the suction hose. The hand nozzle has two wheels that make it easier to handle. Our leaf vacuum is easy to hitch behind a tractor, as it is attached to the trailer drawbar. The hand nozzle and hose are attached to the trailer sides with supports. The leaf vacuum is driven by a cardan shaft from the tractor's PTO. A cardan shaft with a freewheel clutch must be used. A wide-angle cardan shaft is also required. The vacuum can be driven by a tractor whose rated PTO power does not exceed 14 kW (18 hp). PTO speed must be 540 rpm.

Accessories

- Trailer with side extensions.
- Suction nozzle/brush ALTO H-120, front-mounted on the tractor, hydraulically driven.
- Longer suction hose as needed.
- Additional hose supports.

Features and accessories



Replaceable housing liner and turbine made of HARDOX steel



Wear-resistant transparent hose and light hand nozzle.
The transparent hose allows visual checks and quick removal of blockages.



Leaf brush ALTO H-120



Horse manure collection handle

Clean up with ALTO



The vacuum's drive consists of a gearbox and a belt drive



The vacuum has an easily removable hose with quick coupling and an easily removable discharge chute



Clean up with ALTO

Vacuum technical data

Model	EP-520 PTO
Length	728 mm
Width (without hose)	665 mm
Height	1038 mm
Weight	85 kg
HARDOX turbine	D-450 mm
	L-120 mm
Blades	4 pcs
Output	Up to 90 m ³ /min
Tractor PTO rated power	Up to 14 KW (18 hp)
Hose diameter	20 cm
Hose length	5 m
PTO drive	540 RPM



Leaf and litter collector ALTO EP-530 HYDR

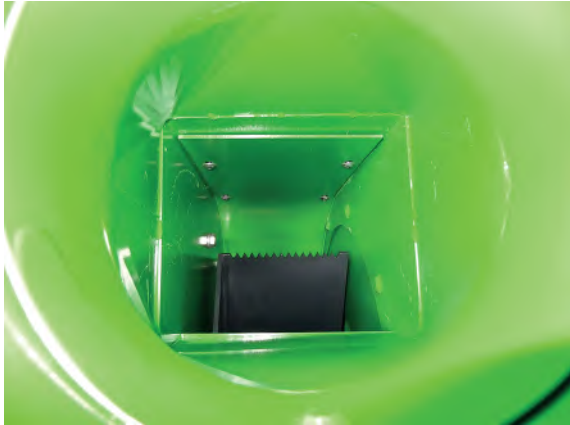
The ALTO EP-530 HYDR leaf and litter collector is designed for municipal companies to clean parks, squares and roads of litter, cut grass, fallen leaves, thin twigs, cones, acorns, plastic boxes, bottles etc. into a trailer. The vacuum can be easily connected to the tractor's mower deck, a suction nozzle with brush or a hand nozzle. If you want to pick up leaves from a windrow or pile, the required hand nozzle can be attached to the end of the suction pipe. The hand nozzle has two wheels for easier handling.

Our leaf vacuum is easy to hitch behind a tractor because it is mounted on the trailer drawbar. The hand nozzle and hose are attached to the trailer sides with holders. The leaf vacuum is driven by the tractor's hydraulic system. To drive the vacuum, a tractor with a minimum hydraulic output of 38 L/min and a pressure of 180 bar can be used. The oil tank capacity must be at least 40 L. Required for oil cooling.

Accessories

- Trailer with side extensions.
- Suction nozzle/brush ALTO H-120, front-mounted on the tractor, hydraulically driven.
- Longer suction hose as needed.
- Additional hose supports.

Features and accessories



Replaceable housing liner and turbine made of HARDOX steel



Wear-resistant transparent hose and lightweight hand nozzle. The transparent hose allows visual monitoring and quick removal of blockages.



Leaf brush ALTO H-120



Horse manure collection handle

Clean up with ALTO

ALTO EP-530 HYDR



The vacuum has an easily removable hose with quick coupling and an easily removable discharge chute



Quick couplings for disconnecting the vacuum from the hydraulics

Clean up with ALTO

ALTO EP-530 HYDR



Clean up with ALTO

Vacuum technical data

Model	EP-530 HYDR
Length	728 mm
Width (without hose)	665 mm
Height	1038 mm
Weight	85 kg
HARDOX turbine	D-450 mm
	L-120 mm
Blades	4 pcs
Output	Up to 90 m ³ /min
Tractor hydraulic drive	38 l/min
Hydraulic pressure	180 bar
Hose diameter	20 cm
Hose length	5 m

Clean up with ALTO





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