

Mounting on carrier vehicles, straddle and tracked tractors

Shoot thinners NAOTEC EL.P



The NAOTEC EL-P is reassuring in the work of shoot thinning, and will give you satisfaction in the neatness of the cleaning of your vines.

Anti-entangling system, head retraction, lifter wire holding and row tracking by a double parallelogram system. Fitted with its dedicated mast or adaptable on a multi-purpose mast, it offers a wide choice of heights and installation solutions.

- Strong points**
- Discs located in the work area prevent straps wrapping around the vine stock.
 - Staggered positioning of the heads for thinning shoots right round the vine stock.
 - Safety on the retraction of each of the heads.
 - Offset shoot thinning head motors; for working nearer the cord.
 - Adjustable guide rails.
 - Helical positioning of straps for smooth vibration-free shoot thinning.
 - Cross-fall compensation by extension of the outside head.
 - Lift wire supports.



The shoot thinner belts are very strong, and the rough "honeycomb" part cleans the vine stock easily.

The anti-entangling disc is free on the axis of rotation and consequently does not damage the vine stock.

MODEL	WORKING HEIGHT	NUMBER OF MODULES	HEAD SPEEDS	NUMBER OF MOTORS
EL-P25	250 mm	1	400 to 800 rpm.	2
EL-P30	300 mm	1+1	400 to 800 rpm.	2
EL-P35	350 mm	1+2	400 to 800 rpm.	2
EL-P40	400 mm	1+3	400 to 800 rpm.	2
EL-P45	450 mm	1	400 to 800 rpm.	2
EL-P50	500 mm	1+1	400 to 800 rpm.	2
EL-P55	550 mm	1+2	400 to 800 rpm.	2

●: standard, ○: optional, NC: Contact us

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Inter-row straddle and tracked tractor toppers NAOTEC RC 170 / RC 200



The NAOTEC RC topper is the ultra-compact machine in the NAOTEC R range.

It allows installation on an inter-row straddle carrier. Always fitted with safe vertical cutting and a powerful hydraulic circuit, you will be able to use it in any type of narrow vineyard to produce excellent quality work.

- Equipment**
- A chassis not requiring a multi-purpose mast.
 - Independent hydraulic raising of the front 1/2 rows (400 mm stroke).
 - Independent hydraulic clearances of the front 1/2 rows (300 mm stroke) between the front flails of 600 to 1,200 mm.
 - Mechanical adjustment of the horizontal cut height (stroke 200 mm).
 - Safe retraction of the vertical cuts at the front.
 - Inclination of the vertical front and rear cuts.
 - Vertical cuts of 1.20 m, 3 blades of Ø 500 (standard version).
 - Fixed 0.80 m top cuts, 2 blades Ø 500.
 - Provide 1 MA and 4 DE for hydraulic control.



MODEL	CONFIGURATION	ZINC-PLATED STEEL PRUNING BLADE	ANTI-CLOGGING PRUNING BLADE	SAFETY OF VERTICAL CUTS	MECHANICALLY ADJUSTABLE TOP	VERTICAL CUT OF 120 CM	VERTICAL CUT OF 150 CM	HYDRAULIC CLEARANCE	REMOVAL TRUCK
RC 170	2 HALF-ROWS	●	○	●	●	●	○	●	●
RC 200	2 COMPLETE ROWS	●	○	●	●	●	○	●	●

●: standard, ○: optional

Shoot thinners, 1 complete row

NAOTEC EL



NAOTEC EL shoot thinner

The NAOTEC EL-P will reassure you in the work of shoot thinning, and satisfy you by the neatness of its cleaning of your vine stocks.

Anti-entangling system, head retraction, lifter wire holding and row tracking by a double parallelogram system. Fitted with its dedicated mast or adaptable on a multi-purpose mast, it offers a wide choice of heights and installation solutions.

Equipment Balance beam on a deformable parallelogram: flexibility in work and tracking of row irregularities.

Single beam: height and clearance adjustment. Optional joystick control.

Quick hitching: front mounting.
Option: automatic hitching.

- > Motor flow: 20 L/min
- > Motor + cylinder flow: 28 L/min

Respect for vine stock

Anti-entangling discs: prevent straps wrapping around the vine stock.

Offset shoot thinning head motors: for working nearer the cord without damaging it.

Guide rails: adjustable in height to adapt to different vineyards.

Optimal cleaning

Staggered shoot thinning heads: To thin shoots right round the vine stock.

Inclined lower straps: for better rootstock cleaning.

Anti-projection flaps: To confine the shoot thinning area.

Work in difficult conditions

Safety of shoot thinning elements: folding of the shoot thinning heads in case of impact.

Cross-fall compensator: For handling cross-fall by extension of the outside head.



Shoot thinners, 2 half-rows

NAOTEC ET



Standard equipment

Rear or front 3-point hitch.

Vine width, 1.50 m to 2.50 m.

Working height available 25 to 55 cm.

Manual clearance (hydraulic option).

Adjustable head sensing force.

Discs located in the work area prevent straps wrapping around the vine stock.

Safety on the retraction of each of the heads.

Offset shoot thinning head motors; for working nearer the cord.

Helical positioning of straps for smooth vibration-free shoot thinning.

Height adjustable pneumatic depth rollers.

Direct connection to the tractor hydraulics (20 L/min) with the hose supplied.

Flow limiter included.

Central support strut.

Operating and Maintenance manual in English.

Optional equipment

Synchronised clearance controlled by the tractor hydraulics.

Electro-hydraulic control of temporary stoppage of each shoot thinner head.

Electro-hydraulic control of the simultaneous clearance.

50 mm extensions (max. height).



MODEL	WORKING HEIGHT	NUMBER OF MODULES	HEAD SPEEDS	NUMBER OF MOTORS
ET25, EL25	300 mm	1+1	400 to 800 rpm.	2
ET30, EL30	350 mm	1+2	400 to 800 rpm.	2
ET40, EL40	400 mm	1+3	400 to 800 rpm.	2
ET45, EL45	450 mm	1	400 to 800 rpm.	2
ET50, EL50	500 mm	1+1	400 to 800 rpm.	2
ET55, EL55	550 mm	1+2	400 to 800 rpm.	2