

Air consumption cylinders/machines

Air consum. cylinders measured at 3.000 strokes p/h at 6 atm. (90psi)

Length Cylinder	Diameter 12	Diameter 20	Diameter 32	Diameter 40
300mm			156 NL/minute	243 NL/minute
250mm			130 NL/minute	202,5 NL/minute
200mm			104 NL/minute	
150mm			78 NL/minute	
100mm		20,5 NL/minute	52 NL/minute	
70mm		14,35 NL/minute		
50mm		10,25 NL/minute		
20mm	1,38 NL/minute	4,1 NL/minute		
16mm	1,1 NL/minute	3,3 NL/minute		
12mm	0,83 NL/minute	2,5 NL/minute		

Air consumption in NL/minute per item

Machine	Measured speed	NL/minute
POP pot dispenser	3000 strokes per hour	10,25
LPO large pot dispenser	3000 strokes per hour	39,75
Osmocote dispenser*	1500 strokes per hour	52
Blowers continuous**	N.a.	262
Blowers per stroke	3000 strokes per hour	56,50
Placing robot NZ0-1 + staggering***	500 strokes per hour	83,50
Pick-up robot NZ100 + staggering***	500 strokes per hour	4,3
Compact pick-up NZL100	500 strokes per hour	
Compact placing NZL0-1	500 strokes per hour	
Linea Recta pick-up NZLR100	500 strokes per hour	
Linea Recta placing NZLR0-1	500 strokes per hour	

Notes:

NL = Nominal Liter p. m. x 0.264= gallon p.m. (GPM) : 7.48 = Cubic feet p. m. (CFM)

- Air consumption for a potting machine measured at 3,000 strokes per hour with a LPOD, AFLPR1, AFLA1 = 250 NL/minute (8.8 CFM)

- Intake capacity is mentioned in NL/minute.

*The inner cylinder is adjusted at 2cm. (3/4")

** Not reduced, with a 2mm (3/32") blower opening

*** Staggering stroke at 100mm. (4")



Easy-Topper(EASY)

Specifications:

Voltage	400Volt 50z 3~+N+ PE (N. America 208/220V. 60Hz)
Power connection machine	16A 3 phase 5 pin
Power	1,2kW
Switched plug box	16A 3 phase 5 pin plug for the take off belt
Length	3.160mm (10'6")
Width	1.730mm (5'9")
Height	2.210mm (7'4")
Weight	±750kg (1650lbs)
Height take off belt	830mm (33")
Max. capacity	+/-6.000 p.p./hour (depending on pot size)
Min. Capacity	0 p.p./hour
Min. Pot size	8cm (3¼")
Max. pot size*	32cm (12ltr) (13")
Volume soil bin	770ltr
Maintenance set	16A plug, 3x open end wrench, 1x door key, 1x allen wrench, 1x belt bracket outgoing side
Operating direction pots	Left as well as right (factory installed)
Adjustment conveying V-belts	Elevator side stationairy and the opposite side can be easily adjusted with a lever
Belt bracket	Only supplied with the outgoing side. Adjustable in width
Soil adjustment plate in the soil bin	Standard
Pot scraper	3 scrapers incl. mounting bracket and adjustment
Control machine	Remote control box incl. start / stop / reset.

Options:	Code:	Specifications:
4mtr 5x1.5 cable incl. 16A plug	900965	
Continuous plug box	900966	Not standard
Soil bin extension		705ltr extra
Extra set of pot scrapers		3x scrapers with mounting bracket and adjustment

Notes:

*Max. width of the bottom of the pot is 27cm (10¾) at 1.5cm (⅝") height of the pot guide strip

- Guide belts are adjustable in height in small increments



Partner in Growing



Newsletter

SUBJECT: Easytopper

DATE: 12-05-09

A belt support will be mounted on the take off side of the Easytopper, suitable for belt sizes 150, 200 and 250mm. The belt support will be mounted on the edge of the machine.





Partner in Growing



Newsletter

SUBJECT: Easytopper

DATE: 18-03-10

Modification:

The following modification has been added to the Easytopper: the drive roll of the belt (to turn the pots), will be equipped with non-skid. Now, the belt can be tightened less.

Adjustment:

The space between the belts needs to be approx. 2mm smaller than the pot diameter. Otherwise, the pot will be dished too heavy and the belt will turn heavy too.



Partner in Growing



Newsletter

SUBJECT: Changes Easytopper 2nd series, from machine number 27600011

DATE: 07-05-09

1. Gliding plate has got more adjustment range.
2. New type of belt for a better grip on the pot, also thicker for more pressure on the pot. (Has also been changed to the machines from the 1st series)
3. Spring-loaded tightener of the belt has been replaced by a secured adjustable tightener, so that the belt can push as well as pull. (Has also been changed to some of the machines from the 1st series)
4. Suspension of the turning units has been changed and has got a height adjustment for large and small pots.
5. The turning unit have been made both identical and are mounted alternately. Now the machine is symmetrical, so that pots can be imported from 2 sides.
6. Sensor can be mounted on the left or the right side.
7. The gliding bars have been lowered with 50mm, to simplify the maintenance of the supply belt and the take-off belt.
8. On behalf of "Pumus" (little peddles, especially for USA) the machine will be equipped with a special "Pumus set". This set contains 2 narrowing plates in the soil bunker (so that the Pumus won't hit the elevator chains directly), special attachments on the paddles of the elevator and an upper plate on the standard gliding plate to avoid that the Pumus leaps up.



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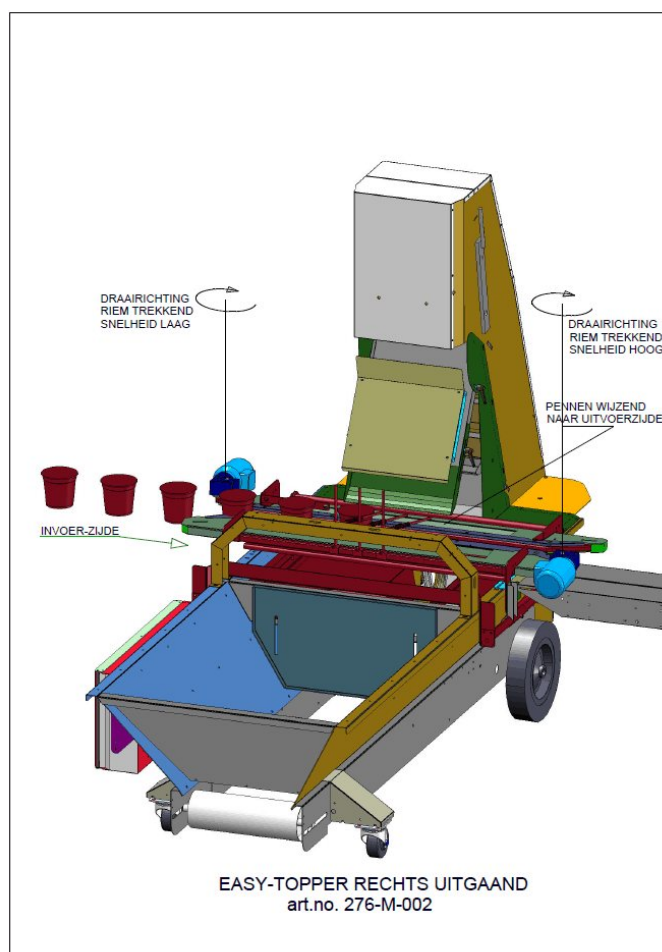
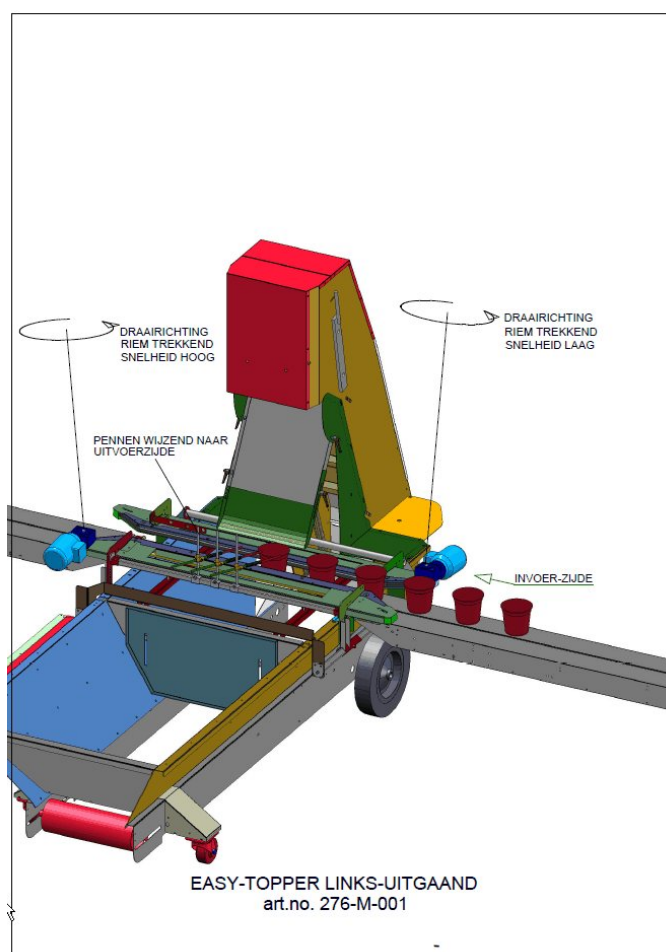


News letter

SUBJECT: Easytopper

DATE: 13-1-11

To be sure and to avoid confusion, herewith both of the implementations of the Easytopper (left and right).





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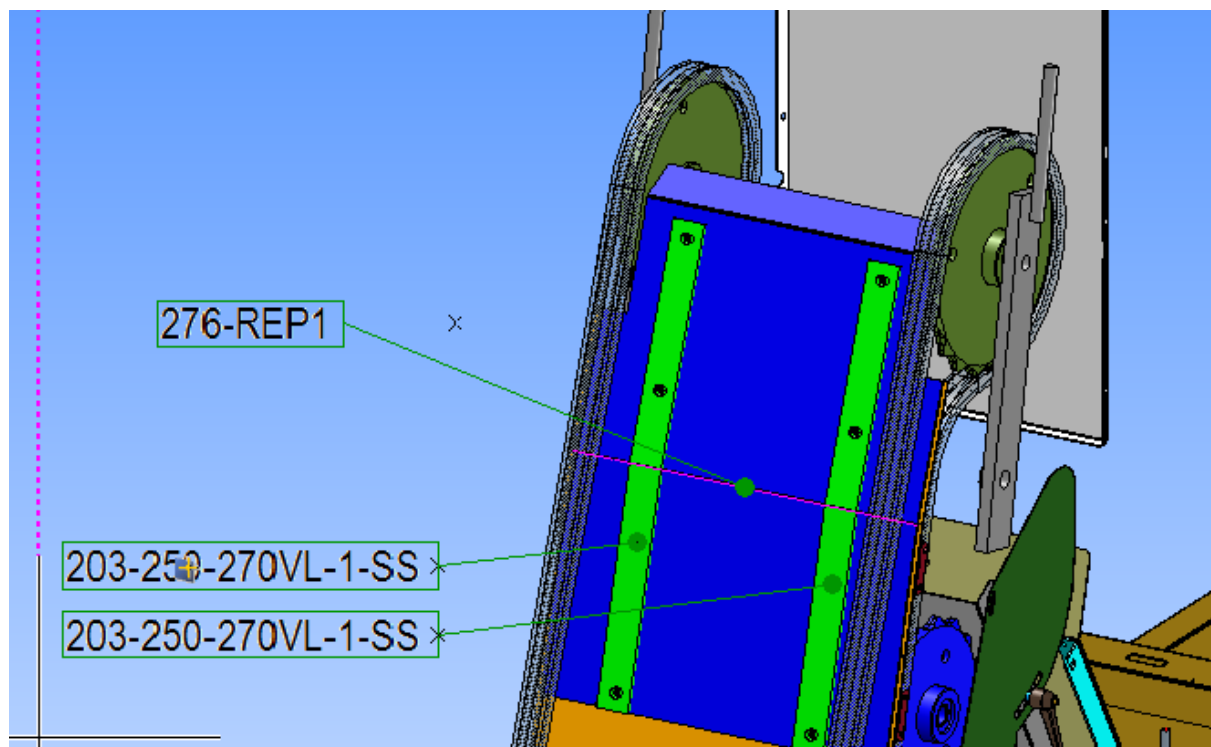
Newsletter

ONDERWERP: Worn elevator plate Easytopper

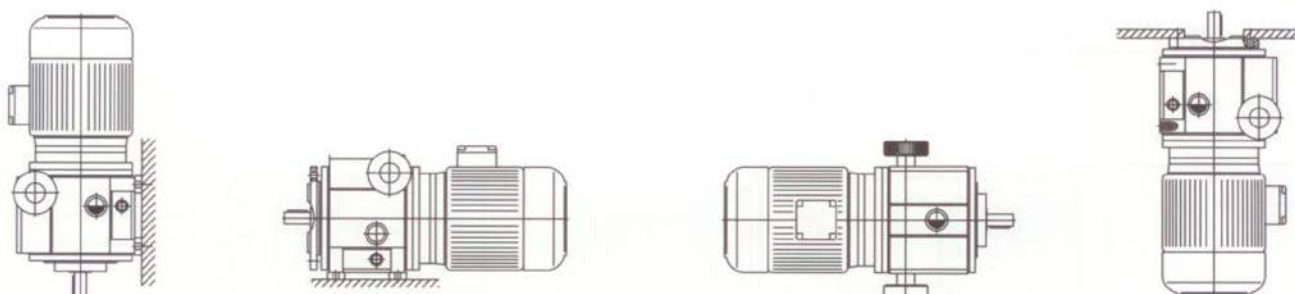
DATUM: March, 26th 2012

From now on, the new Easytoppers are equipped with 2 sliding strips (276-250-270VL-1-SS).

For older machines that do not have the sliding strips, and where the elevator plate is worn, a replacement plate (276-REP1) is available which includes the sliding strips.



Oil quantities (ccm) variable-speed ball drive KR1-KR4



Einbaulage	V1, V5, V18	B3, B5, B14	B6, B7	V3, V6, V19
KR1	70	70	70	70
KR2	200	125	200	125
KR3	400	250	400	250
KR4	800	450	800	450

Only the use of Santotrac 50/Variotrac 32 synthetic traction fluid ensures full power transmission.

The warranty requires this oil type to be used. The oil should be changed after 5000 operating hours (at least once per year). The oil change must not be carried out during operation. No other maintenance work is required.

Oil quantities FMRV + FDL:

Drive:	Quantity (ltr):	Type:
FMRV030	0,05	BP Energol SG-XP320
FMRV040	0,1	BP Energol SG-XP320
FMRV050	0,15	BP Energol SG-XP320
FDL018	0,13 (aber in vertikal mit Wellenende nach unten: 0,2)	BP Autran DX
FDL037	0,15 (aber in vertikal mit Wellenende nach unten: 0,25)	BP Energol SG-XP320

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