



# LightTraxx



11/2015

**HOLMER**   
**exact**

# EcoTronicPlus

ergonomic and intuitive.



The intuitive EcoTronicPlus operating system offers cutting edge ergonomics to the operator, economic engine management and all functions at a glance: Key parameters are shown on the clear 12" (30,5 cm) touchscreen and can easily be adjusted at any time, increasing the overall efficiency of the harvester. Commonly used harvesting functions can be controlled with the joystick. The speeds of the various machine functions and

the driving speed can be set independent from the engine speed. High efficiency at a low engine speed means optimal fuel efficiency. The cab gives an optimal view in all directions and a pleasant and comfortable working environment.

## Advantages:

- > EcoTronicPlus touchscreen (12" (30,5 cm))
- > Switches left and right of the screen for Display, Settings and user Settings
- > Ergonomic Joystick



Best view and optimal operation.

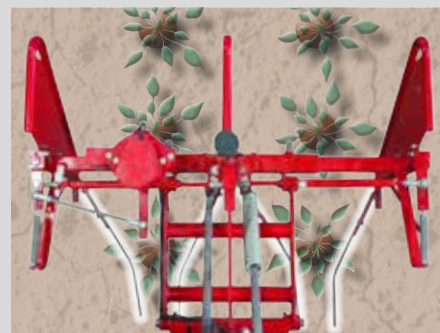
# AutoSteerPlus

automatic steering.

The LightTraxx can be steered fully automatic on all wheels via the automatic steering system fitted in front of the defoliator. With

the AutoSteerPlus system, there are three steering possibilities, which 'exxact'ly follow the rows.

- > two automatic steering modes or manual steering
- > In first steering option, all wheels are steered by sensors in the harvesting unit
- > In the second option only the front wheels are automatically steered
- > The operator can concentrate fully on the lifting, cleaning and unloading process



# Defoliator

## optimal operation.

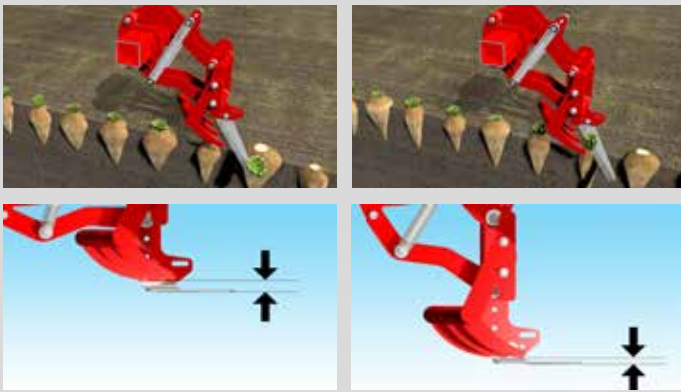
Available in two versions:

- > Integral defoliator
- > Defoliator with side leaves spreader



# ProtectPlus

## more protection, more yield.



This is how the ProtectPlus works.

Big sugar beet needs bigger scalping, smaller sugar beet needs smaller scalping. With the introduction of the new ProtectPlus scalping system, the defoliator can be set higher, this gives more space between the scalper and the controlling crest. This means that the highest beets don't get hit by the defoliator and that the scalpers leave a perfectly scalped beet. This does not only save fuel, but with a perfect scalped beet, it is also better protected against losses of sugar because the energy of the beet doesn't go to the damaged part during storage.

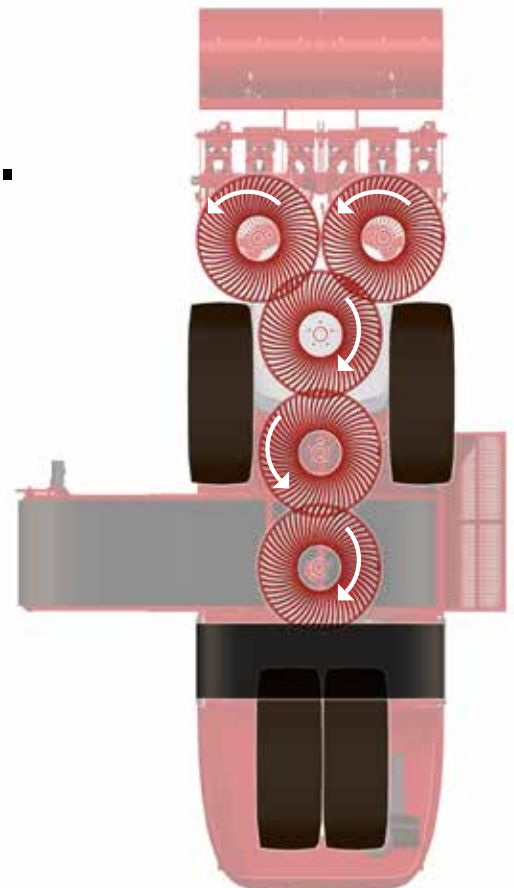
# ExcenterPlus

## optimal beet lifting.

The ExcenterPlus lifting system is the latest standard in beet lifting. Based on the proven concept of independent eccentric moving lifting shares, this system is developed to lift the beets in an optimal way at high working speeds and for superior capacity, even under extreme conditions.

**Extreme cleaning capacity:**

- > Two 1.550 mm lifting turbines
- > Three 1.550 mm cleaning turbines (optional: four)
- > Perfect weight distribution over all four wheels
- > All wheel steer for unmatched manoeuvrability
- > 1.000 mm wide elevator web for high throughput



# Technical specifications

Engine	Volvo 6 cylinder 345 kW (469 hp) EU fase IIIB
Operational RPM	1200 - 1500 RPM
Fuel tank capacity	900 litre
Hydraulic pumps	Linde
Wheel motors	Linde
Control	EcoTronicPlus
Drive	Stepless hydrostatic with speed control
Steering	On all four wheels
Auto steering	Front and rear
Working width	6 rows 45 or 50 cm ( <i>18" oder 20"</i> )
Defoliators	Integral, or with side delivery + spreader
Scalpers	ProtectPlus, adjustable from the cab
Lifting system	ExcenterPlus, horizontal row seeking
Depth control	Automatic
Lifting turbines	2 x 1.500 mm
Cleaning turbine	3 x 1.550 mm ( <i>option: a 4th cleaning turbine</i> )
Ring elevator	1.000 mm wide
Gates	Pigtail gates and/or bar gates
Bunker	18,5 m <sup>3</sup>
Discharge elevator	1.000 mm
Tank Unloading time	Ca. 1 minute
Tracks <i>OptiTraxx</i>	760 mm wide, 2.300 mm high
Front tires <i>LightTraxx</i>	710/75 F34
Rear tires	750/65 R26
Greasing system	Automatic system ' <i>BEKA-MAX</i> '
Transport width	3,25 m
Height	4,00 m
Length	11,30 m ( <i>depending of the lifting syste</i> )
Weight	20 ton
Chassis	Rear wheels driving in-between the tracks of the front wheels ( <i>good for soil</i> )

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