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HeartBeat tractor-pulling team





# EDITORIAL

But now summer has passed ...

... although autumn has much in store. Shiny yellow machines will feature at various trade fairs.

Matexpo in Kortrijk, Belgium; Bauma Africa in Johannesburg, South Africa and Mining World Central Asia in Almaty, Kazakhstan all take place in the month of September.

Keestrack would be pleased to welcome you at its stand. So feel free to drop by!

We hope you enjoy preparing your visit to the trade fair of your choice.

In this edition; how you can save money by opting for Keestrack's innovations, our service and support and comments from satisfied customers.



Happy reading.

Marcel Kerkhofs  
Editor, On Track

You can also follow us on the Keestrack website.  
[www.keestrack.com](http://www.keestrack.com) or on Facebook.



**MAATSCAPPELIJK** booth C03 outside, 4 - 8 September, Kortrijk, Belgium

**mining world** booth C195 Pavilion 9C, 18 - 20 September, Almaty, Kasachstan

**Bauma Africa 2013** booth 30 outside, 18 - 21 September, Johannesburg, South Africa



Visit us at the following trade fairs

# Service and support

Our customers are not just looking for the most user-friendly and efficient machines, but also for good service and support.

We are ready to help you face your challenges. Whether this involves the replacement of wear-parts, maintenance or a machine repair or modification of the equipment or settings. Keestrack can make its technical personnel available, its parts warehouse and engineers to provide support.

Whether you need us for the supply of key components, to adjust your maintenance schedule or provide a training course, we have everything you need to help you realise your strategic vision.

Our services are provided by our broad network of professional personnel. They have the solutions to support and strengthen your company, enabling it to grow.

Thanks to our parts warehouse and dealer network, we can respond rapidly to your demand for wear-parts and components.

Our Service department is responsible for planning the activities of our technical specialists who carry out the maintenance and repairs on site.

You can also ask our technical specialists for advice on particular applications.



Keestrack's service department led by Freek Hoogendoorn



Spare Parts Manager Catia Barberio and warehouseman Michiel Vanherf



# NEWS flash

## New members of staff



Rex Mulder was recently appointed to the Board of Management of the Keestrack Group. He will mainly be responsible for the Group's marketing departments.  
[rex.mulder@keestrack.net](mailto:rex.mulder@keestrack.net)



Johannes Ett is the new Area Sales Manager for Kazakhstan. He is responsible for sales and is the contact for the local Keestrack distributors in Kazakhstan.  
[johannes.ett@keestrack.net](mailto:johannes.ett@keestrack.net)



Alfons Thomas is responsible for the direct sales of Keestrack machines in the provinces of East and West Flanders. He is also sharing his knowledge and expertise with junior staff members.  
[alfons.thomas@keestrack.net](mailto:alfons.thomas@keestrack.net)



Jelle Claes is responsible for the direct sales of Keestrack machines in the provinces of Limburg and Flemish Brabant.  
[claes.jelle@keestrack.net](mailto:claes.jelle@keestrack.net)

## New distributors and importers

The Keestrack organisation continues to expand and remains dynamic, providing optimum support and expertise to our customers.



Johnny Kraai is responsible for the sale of Keestrack machines at importer Pols Zuidland in the Netherlands.  
[johnny.kraai@pols.nl](mailto:johnny.kraai@pols.nl)

HMB, Hyundai Machines Belgium recently became the distributor of Keestrack mobile crushing and screening units throughout Flanders. Their plant in Paal-Beringen is clearly visible from the E313. The HMB sales team and its service department are at the full disposal of the customer.  
[info@hyundai-hmb.be](mailto:info@hyundai-hmb.be)





# Save money and the environment



Last year, Kee-track introduced the hybrid Explorer screener series known as the ECO-drive. It became clear at the Bauma trade fair that they plan to continue down the same path. Both the electrically powered Novum screener and the electrically powered Destroyer 1313 impact crusher unit were on show.



Electrically powered Destroyer 1313 impact crusher unit

Electrically powered screeners and impact crushers can operate autonomously thanks to a diesel powered generator, direct connection to the electrical mains or by connection to an external generator.

Operating results are of the same high quality as the standard diesel/hydraulically powered model although the maintenance and operating costs are considerably lower.

The fuel costs are drastically reduced by switching from the standard diesel/hydraulic power to electrical power. For example, 40% fuel savings can be achieved by using power from the genset diesel engine. This is because the power from the generator requires fewer revolutions than the classical drive.

Moreover, use may be made of "external" energy from the power grid or a generator. This saves even more energy and money and reduces emissions to a minimum.

**Advantages:**

- lower operating and maintenance costs for the diesel engine
- lower emissions and therefore also lower emission standards
- energy savings
- environmentally friendly

The hybrid crusher and screening units can operate in various ways:

- connection to the electrical network
- connection to an external generator of, for example, a crusher unit or local generator
- own diesel-engine-powered generator



Electrically powered Novum screener

Electrically powered Explorer 1800 screener

# Overview of fuel savings

It has always been Kee-track's philosophy to construct machines that are as efficient as possible, not only with regard to capacity and maintenance. Fuel consumption is an essential part of this.

## Load-sensing hydraulic systems

That is exactly why Kee-track has been using load sensing hydraulic systems for many years. These systems adjust the hydraulic demand to the load factor, as a result of which savings of 4 to 6 litres of diesel per hour may be realised. In the case of 1,500 operating hours per year, this soon results in savings of approx. 7,500 litres. At a diesel price of EUR 1.50/litre, this represents financial savings of EUR 11,250 per year. The load-sensing systems provide cost savings of approx. 30% compared to screeners offered by competing companies that do not apply this principle.

By way of an example: the Novum standard diesel/hydraulic version with a load-sensing systems consumes approx. 12 litres per hour. At a diesel price of EUR 1.50, this represents fuel costs of EUR 18 per hour.

## ECO-drive via Genset using a proprietary diesel engine

The new ECO-drive machines can be powered in various ways. Diesel/electrical power via the Genset of the diesel engine is one of these. This results in fuel savings of approx. 33% compared to diesel/hydraulic power with load sensing. Compared with a screener that does not use load sensing hydraulic systems, fuel savings can even rise to 53%!

By way of an example: the Novum ECO-drive powered via the Genset using a proprietary diesel engine. This consumes approx. 8 litres per hour. At a diesel price of EUR 1.50, this represents fuel costs of EUR 12 per hour.

## ECO-drive via the electrical power network

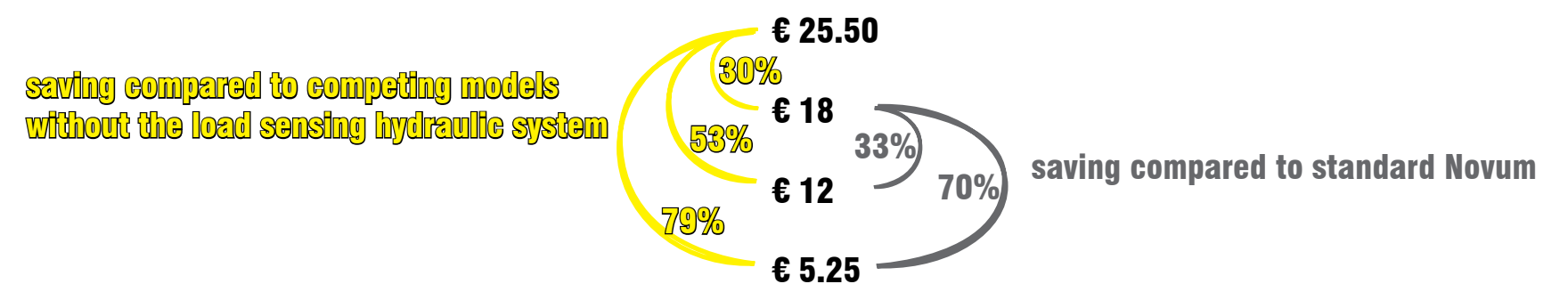
The other power option of the ECO-drive machine entails its connection to the electrical network. This results in fuel savings of approx. 70% compared to diesel/hydraulic power with load sensing. Compared with a screener that does not use load sensing hydraulic systems, fuel savings can even rise to 79%!

By way of an example: the Novum ECO-drive powered by connection to the electrical network. This consumes 35 kW per hour. At an electricity price of EUR 0.15, this represents fuel costs of EUR 5.25 per hour.



Our Novum example provides a perfect overview:

A screener of a competing brand without the load sensing hydraulic system costs, on an hourly basis,	EUR 25.50
By default, Novum uses the load sensing hydraulic system and costs, on an hourly basis,	EUR 18
Novum ECO-drive via Genset using a proprietary diesel engine costs, on an hourly basis,	EUR 12
Novum ECO-drive via the electrical power network costs, on an hourly basis,	EUR 5.25



The green electrical alternative



## Crowd-puller at Matexpo in Kortrijk

Keestrack has a true crowd-puller at outdoor stand C3.

Besides the Keestrack machines, the tractor of the Dutch tractor pulling Heart2Beat team will be on display from Wednesday to Friday. As the team's sponsor, Keestrack will be able to start up the tractor on various occasions each day, and startle the visitors. Please consider this as a warning, for this showpiece has already won several European and Dutch championships.



Other crowd-pullers at Matexpo include:

## Destroyer 1011 CC

Following the Destroyer 1112 and 1312, Keestrack has now used its expertise in designing impact crusher units in a "small" design.

Weighing in at a mere 25,000 kg (without any options) and 29,700 kg fully equipped with a magnetic conveyor, afterscreen and return conveyor, the Destroyer 1011 can be deployed in many applications. The transport dimensions and a capacity of 200 tonnes per hour make it a very compact, easily transportable and high-performance impact crusher unit.

As you are accustomed to from Keestrack, this crusher is also very user-friendly and offers perfect accessibility for maintenance and replacement of wear-parts. The impact crusher unit has a 960 x 770 mm supply and a rotor diameter of 1,060 mm.

The proven advanced technology of the Destroyer series represents massive fuel savings without sacrificing productivity. The engine's very low emission standards combined with load sensing hydraulic systems ensures minimum environmental load and saves fuel.

The vibration feeder with a long pre-screener reduces the wear and tear of the hammers, improves product quality and increases capacity.

The Destroyer can be operated from the cabin of the excavator by means of the remote control.

## Frontier

With the 30 tonne Frontier, Keestrack has a high-performance screener. With a maximum capacity of 600 tonnes per hour, the Frontier is excellently suited to pre-screening or fine-screening. Moreover, the Frontier is the most diverse machine on the market and, thanks to all its options, can be customised to meet your particular operating needs.

The Frontier is also available with diesel/electric power in order to save the environment and your money. As discussed on page 3, this provides massive fuel savings of more than 40%. If you use entirely electrical power supply, your effective power consumption will be a mere 35 kW (the power supply must be 63 A 43 kW).

The ease of use of the Frontier is our priority. Simple operation, easy access to the engine and the simple replacement of wear-parts and the simple replacement of screening decks are essential.

## Destroyer 1112 CC

The Destroyer 1112 impact crusher unit with an independently vibrating 2-deck pre-screener ensures minimum wear and tear of hammers and improves product characteristics and capacity. With a mere 40,800 kg (without additional options) and 47,900 kg when fully equipped with afterscreen and return conveyor, the Destroyer 1112 can be used for many different applications, in which a capacity of up to 400 tonnes per hour is required.

The user-friendliness and accessibility for maintenance and the replacement of wear-parts are optimal, as you are accustomed to from Keestrack. The impact crusher unit has a 800 x 1,050 mm supply and rotor diameter of 1,260 mm.

The 3,300 mm x 1,500 mm afterscreen guarantees the final product.

As with all Keestrack machines, use has again been made of the fuel-saving, load sensing hydraulic system and the impact crusher unit may be operated from the cabin of the excavator using the optional remote control.

**ORDER TICKETS TO MATEXPO FREE OF CHARGE ON [WWW.KEESTRACK.COM](http://WWW.KEESTRACK.COM)**



Transport height: 3100 mm  
 Width: 2540 mm with and without return conveyor  
 Transport length: 9,500 mm without afterscreen  
 12,600 mm with afterscreen  
 Weight with afterscreen in closed circuit 29,700 kg



Transport height: 3320 mm  
 Width: 2,550 mm without return conveyor  
 2,750 mm with return conveyor  
 Transport length: 9,500 mm without afterscreen  
 12,600 mm with afterscreen  
 Weight with afterscreen in closed circuit 47,900 kg



# Destroyer 1112 and Novum for

**GEMOCO**  
BOUW- EN INFRASTRUCTUURPROJECTEN

**Two brothers, Arnaud and Eric Moors, have been working in the building sector since 1988. Today, they are focusing primarily on infrastructural development work and general construction work.**



**In order to process the materials themselves, they have opted for the proven advanced technology of the Destroyer 1112 impact crusher unit together with the Novum's screening functions.**

**Both machines represent massive fuel savings without sacrificing productivity. The engine's very low emission standards combined with load sensing hydraulic systems ensures minimum environmental load and saves fuel.**

**The independently powered vibration feeder with the Destroyer 1112's 2-deck pre-screener reduces the wear and tear of the hammers and enhances the product and capacity. It is easy to convert the Novum from 3 fractions to 2 fractions by means of the removable side conveyor.**

**Both the impact crusher unit and the screener can be operated from the cabin of the excavator by means of the remote control.**

The new Destroyer 1112 and Novum in the Gemoco livery



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