



sorted!

DESIGN | BUILD | INSTALL | SUPPORT

At the root of
handling systems

GRADING	CONVEYING	TIPPING	WASHING	PACKING
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HERBERT AUTO-SORT

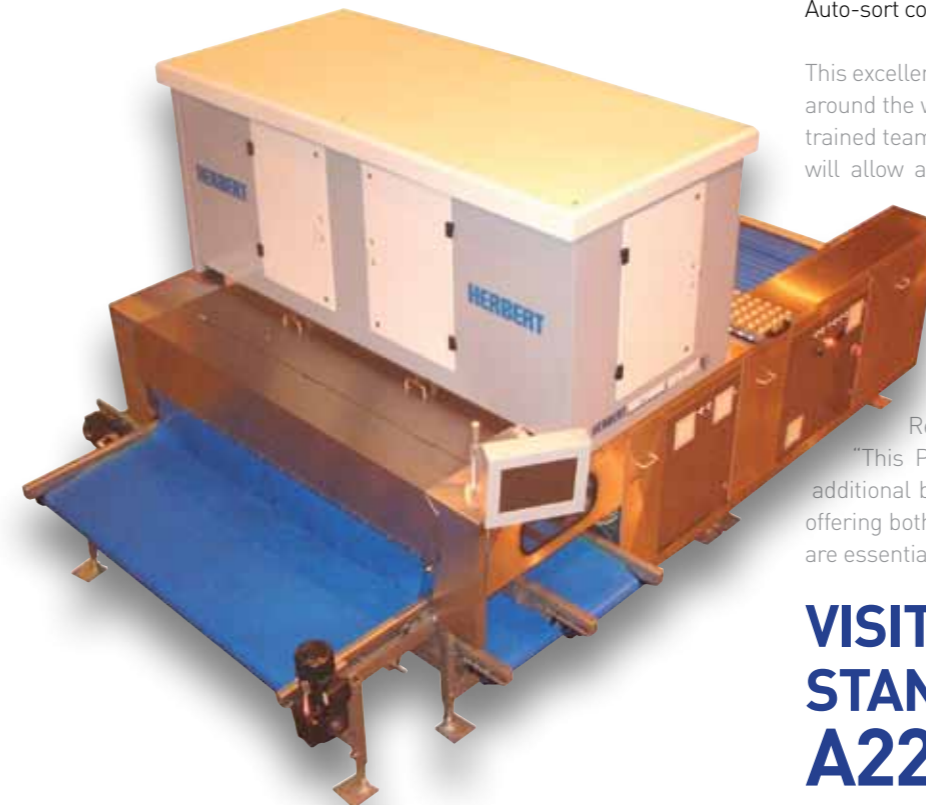
LATEST MODEL FEATURED AT MAJOR EUROPEAN SHOW

Herbert Engineering is delighted to be exhibiting at this years Potato Europe event, in Emmeloord, Netherlands. See our market leading Auto-sort 2000, which will be fully operational, sorting and grading potatoes.

Herbert is also featured within the British Pavillion – please come along and meet the Herbert team and join us for light refreshment!

GOING GLOBAL WITH NEW REMOTE SUPPORT

As a further demonstration of their own high standards for research and development, Herbert Engineering have recently launched their new Auto-sort Remote Support Package. The package has been designed to provide improved technical support by accessing the Auto-sort computer and solving problems remotely.



This excellent innovation provides particular benefit to Auto-sort users around the world who do not have direct access to Herbert's specially trained team of service engineers. The new Remote Support Package will allow a fully trained Herbert technician to take control of the system to access and solve issues.

This development will result in reduced call-out charges and long term ongoing support costs for the customer enhancing to the Auto-sort's reputation for cost efficiency.

The Remote Support Package is available immediately to both new and existing Auto-sort customers. Herbert's Research and Design Manager, Lawrence Defty commented, "This Package is an excellent new development, and a great additional benefit to the Auto-sort product. It has the advantage of offering both cost and time efficiency to our customers, both of which are essential in the current climate."

VISIT US AT
STAND
A220 **POTATO EUROPE**
Emmeloord

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NEW WASHLINES FOR NEDATO IN THE NETHERLANDS



Herbert Engineering recently completed a major European project with the installation of two new de stoning and washing lines at the Nedato pack house near Rotterdam in Holland.

Nedato is a Dutch potato-growers' organisation, and is a major organisation for the cultivation, collection and marketing of potatoes. With an annual turnover of 300,000 tonnes a year, Nedato is among the top potato companies in the Netherlands and Europe. Working in conjunction with other companies, Herbert was able to deliver and install two lines in difficult high level environment to ensure maximum usage and efficiency of the space and all within a tight schedule to meet Nedato's need to keep operational and continue to process 'table' fresh pack potatoes (35%) and potatoes for the processing industry (65%).



Mark Verschuren of Herbert Engineering BV, based in Eindhoven oversaw day-to-day Herbert operations together with production manager and technical staff of Nedato. Together they worked to ensure the project was delivered and installed in accordance with the tough required timeframes.

The original project was proposed to increase productivity and efficiency of washed potatoes. Capacities have increased by 20% as a result of the installations bringing together the very latest high tech equipment from Herbert Engineering.

Nedato's Managing Director Heero Gramsma, comments this project is a result of almost a year of preparation. "It had to happen in summertime whilst our turnover is at a minimum level. It was challenging to keep the business running". With a temporary line we started washing in July, then the two new lines were installed. The line is also equipped with water cleaning facilities, to keep the water clean and bacterial levels low. "We get a better and cleaner product with less labour. The Nedato personnel are proud to have this line in house. Our customers will see the benefits in best quality product we supply them with!"

The two new lines incorporate two Herbert high capacity 2000MP Auto-sorts, which jointly are capable of throughputs of up to 50tph on 3 grades. Herbert has installed the latest cameras in the Auto-sorts that have a very small pixel resolution of 0.5mm² giving twice the detail of the previous models. This means it is easier to identify defects,

GRADING | CONVEYING | WASHING | TIPPING | PACKING

size and shape. In addition, by simply changing between the saved programs with the user friendly touch screen controls, Nedato can feed red or white potatoes through the Auto-sorts.

A major challenge presented by Nedato was integrating the two new lines into the existing intake area and aligning it with existing machinery and it is testament to capability of the Herbert design and installation teams that this was successfully achieved. The design was generated using 3D CAD helping the senior managers at Nedato to understand the full concept before any steel was cut.

Mark Vershuren of Herbert BV, Herbert's Dutch and Belgian based Sales and Service organisation was responsible for the project. Mark says "After several intensive meetings the final lay-out was set. It's a complete new concept and by working closely together with all parties we achieved a new wash lines that everyone is immensely proud of.

FINLAND FINDS AUTOSORT ANSWER TO FUTURE HANDLING NEEDS



Following several export successes over the past decade to Finland and consistently working closely with our agent Ludo Wentholt of Novum Machines, Herbert have delivered two latest design Auto-sort 1300's to new customers. Close working relations across Scandinavia have given Herbert strong credibility especially in the area of electronic grading. This vision-based detection grading of potatoes was embraced in its technological infancy in countries whom traditionally have high labour costs are keen to invest in technologies to reduce labour across their operations.

Most recently Herbert Engineering were able to export a further two electronic graders to this market.

Andy Hubble, Export Sales Manager comments "Working with Novum Machines has been invaluable as their cultural knowledge and industry experience gives us an excellent understanding of the Finnish growers and processors grading needs. Regular feedback to Herbert for the design and improvement of electronic grading resulted in the development of the Herbert market entry Auto-sort which has raised significant interest in Finland.

The Auto-sort 1300ML's recently installed in Finland are both being operated by packers whom are part of a consortium that are using the technology to select mis-shaped, roton, and greens. These new machines are able to sort raw materials with high wastage, which are not normally suitable for high-speed packing at capacities of up to 20tph.



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POLISH PACKER INVESTS TO SUPPLY MAJOR SUPERMARKET



By 2007 Onix, a well established, family owned business, had already gained an excellent reputation in the production of fresh and processed onions for both the Home and Export Markets. Indeed the volume of business in the UK had led them to set up a UK Sales Office run by a British National, Simon West who had a good understanding and knowledge of vegetable production.

When Onix then decided the time was right to look at the production and supply of pre pack potatoes to the rapidly expanding Polish Supermarkets, Simon was well placed to advise Managing Director Jakub Jazden of the part Herbert Engineering could play in the design and supply of suitable machinery.

Onix plans to provide the Polish Market with fresh potatoes were bold and needed a high level of investment, but they were convinced that spending money on the right system, in order to satisfy the likes of Tesco in Poland, was the right way forward.

A series of meetings both in the UK and Poland between Jakub and Andy Hubble, Herbert's General and Export Sales Manager, resulted in a final design layout which fully encompassed both Onix's initial requirements and their future development plans, to increase potato packing production to 100 tons per day by 2011.

An order was subsequently placed for a complete intake, cleaning and grading facility which would handle both potatoes and onions and a Potato washing, inspection and pre packing line which incorporated intermediate holding bins to allow both maximum washing and maximum packing speeds.

At the heart of the washing line is a state of the art Herbert Electronic Sorter, the Autosort 2000 which allows three grades to be selected at a maximum capacity of 25tph. This investment in technology enables Onix to inspect crop, regardless of its packable percentage, at high speed with minimum manual input.

The installation and commissioning of the system took place late in 2008 and was coordinated by Herbert's Installation team. Onix engineers assisted to gain a sound knowledge of the machinery before the lines started up. This has continuously been backed up by regular visits by the Service and Installation managers.

In addition, all operational manuals were translated into Polish, along with the on screen programme for the electronic grader, so the system could be used, checked, monitored and maintained by the Polish team. Andy Hubble goes on to comment, "The operational team have fully embraced the technology and seem to be operating it most efficiently."



HERBERT NEWS SPECIAL EDITION POTATO EUROPE 2009

HERBERT & EXETER JOIN FORCES IN USA AT PMA

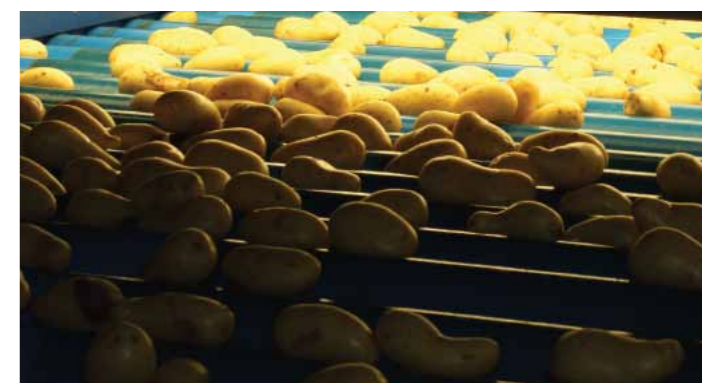


Herbert Engineering are pleased to announce their first time attendance at the PMA event, being held in California from 2nd - 5th October and will be taking the opportunity to showcase the Auto-sort 2000 to an American audience, alongside USA partner Exeter Engineering.

Herbert will also be using the PMA event to launch the newly developed 5m Barrel Washer.

This new washer, designed to handle produce including potatoes and carrots has already been installed in several major processing plants throughout Europe and Herbert are confident that the product will be just as successful in America and Canada.

Herbert's Export Sales Manager Andy Hubble commented "We are delighted to be launching our new Barrel Washer in the United States, and thanks to our close relationship with Exeter Engineering and their understanding of our technology, coupled with our world-renowned build quality, we are confident that we will enjoy a great deal of success in this new market."



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