

Agriculture



DESIGN | BUILD | INSTALL | SUPPORT | specialist root crop handling systems



R J Herbert Engineering was established in 1972 by founder Rod Herbert, who remains at the centre of the business as the company chairman. The business is a privately owned family company, employing 150 people at its head office and manufacturing factory in Cambridgeshire.

With over 35 years experience in the manufacturing industry, Herbert is a well known manufacturer of good quality farm handling equipment, with its core business focused on root crop handling.

Herbert's scope ranges from single units to major multi-million pound systems. The company has a proven record in complete project management from initial design through to manufacture, installation, commissioning and after sales service.





What we offer?

Herbert Engineering offers the agricultural industry good quality and reliable machinery, including cost effective graders, a selection of cleaning systems, washing and drying systems and conveying and tipping equipment.

A wealth of experience and continuous product development ensure we can provide customers with a huge range of products and solutions to meet today's farming needs.

Driving capacities higher, giving superior results and improved machine efficiency remain the key drivers whilst strength and reliability remain at the root of Herbert handling systems backed up by a high level of service and spares which our customers receive as standard.

GRADING

TIPPING

WASHING

CONVEYING

HARVEST



Service

We are able to advise you on the recommended type of service for your machinery, whether it is a standard Herbert machine or a specifically designed system.

Our dedicated team of fully trained service engineers, together with our worldwide agent network, offer a range of service options to keep your machinery in optimum working condition to reduce the risk of downtime.

Parts

Herbert's parts department is based at our head office in Cambridgeshire and carries a wide range of spares in stock for same day and next day delivery. In addition, our local agent network means that you may be able to get the parts you require from a partner in your local area.

We are continually researching new and more efficient products so you can be sure that your replacement parts will be as robust and reliable as your Herbert machinery. We provide a full parts list with each machine to ensure ordering parts is easy.





Grading & Sorting

Herbert is considered to be the market leader in grading technology, offering a flexible range of grading systems manufactured to the famous Herbert build quality.

Herbert's flagship products are the Contractor I and Contractor II mobile graders, both of which are available as 1800 and 2400 models and offer a choice between a fixed cleaning system and interchangeable cleaners, to suit your requirements.

The Contractor I, a highly mobile grader, offers a fixed cleaning system resulting in a lower cost machine to our customers and is available in four standard models (stars, multi-sep, coils or hydraulic rollers).

The fixed cleaner concept, along with other modifications such as a simple grading screen agitation system, creates a simplified, basic farm grader for growers whilst incorporating the expected Herbert high quality design, components and build, giving an excellent return on investment.

The market leading Contractor II is the ultimate grader that receives, cleans, grades produce and offers the flexibility of interchangeable cleaner modules. As it is mobile, it reduces the need to move produce vast distances, and can achieve an output of up to 50 tph.





Adaptable Cleaning Systems.
Herbert offer a wide range of cleaner modules to suit various crop types and different handling conditions.



Star Cleaner

Herbert's 7 row Star Cleaner is designed to clean crops in all conditions. It incorporates an adjustable clod roller, to assist with heavy lifting conditions, and contains a self cleaning system to ensure the star wheels are kept free of mud, even in the worst conditions.



Multi-sep

The Multi-sep is available exclusively to Herbert, and is available in a variety of types to suit different soil types and lifting conditions. It is designed for efficient trash separation without losses, even on cloddy or sticky soil.



Coils

Herbert's Coil Cleaner is designed for lighter soils and is suitable for various different crops including potatoes, red beet, onions and bulbs. Spiral cleaners continuously move the crop and the gap between each row can be adjusted, depending on the type of produce being handled.



Hydraulic Rollers

The Hydraulic Roller Separator is a very effective cleaning system and is used for handling crops in heavy soils or difficult lifting conditions. Different roller configurations ensure easy handling of the produce and maximum separation.

De-stoning, Washing & Drying

Herbert offers an extensive range of washing, drying and de-stoning systems, designed to prepare produce according to customer needs.

Our equipment provides high output, gentle handling and energy efficient designs. We offer a wide range of washer systems for produce washing, incorporating the latest technology and offering throughputs of between 5 and 50 tph.

Mobile Washing Systems

The Mobile Washer has been enhanced and now offers throughput in excess of 30 tph, meaning a container lorry can be easily filled within 45 minutes. The washline features a de-stoner, 4m auger base washer barrel, adjustable coils, a fully weatherproof heated cabin, filter belts for improved cleaning with options of an infeed elevator and metal detector.





WASHING



Vegetable Polishing

The Vege-polisher for potatoes uses the latest brush technology to polish the potato crop effectively. It gives a bright quality finish, removing rhizoctonia and skin staining and upgrades produce to give improved financial return.



De-stoners

Herbert has a full range of stand alone or integral systems for effective removal of clods and stones in pre-wash applications.



Dust Suppression Systems

Herbert's Dustbuster has been designed and developed in response to increasing Health and Safety legislation.

The Dustbuster works by preventing the dust from rising from the product by spraying a fine mist of cool steam onto the crop. The system is simple to install and operate and provides a low cost, safe and dust free working environment.



Drying

Our open cell sponge donut ring or felt covered roller tables effectively remove excess water from crop prior to packing.

Conveyors & Elevators

The quality and scope of Herbert conveyors and elevators is second to none.

With decades of experience in design and manufacture of conveyors and elevators, customers can rest assured that these vital elements of any handling system will provide long and trouble-free service as well as maintain excellent re-sale values.

Conveyors

Conveyors to move a wide range of produce are at the heart of most installations. Herbert specialist conveyors are designed and manufactured in mild or stainless steel with standard options, and can be tailor made to our customers' specifications with automatic plough points, pushers, weigh cells and indexing units.

Widths up to 2400mm are part of the standard range with lengths from 1 metre to 100 metres.





Elevators

Herbert elevators are made up of standard and individually designed products to accommodate a wide range of challenging conditions and produce from beetroot to boxes and carrots to cartons.

The range includes our Indexing Elevator, which is able to provide a measured amount of product at a pre-determined rate, and the Extendo Store Loader, offering an extended reach and variable delivery height, along with a high output of up to 120 tph. In addition, our Hywall elevator has been specially created to raise products from low levels, and its innovative design prevents spillage of material, making it more efficient.





Tipping & Filling

Herbert offers a wide range of tipping and filling equipment which is constantly being improved for the benefit of our customers and the product.

They ensure maximum throughput is achieved whilst minimising crop damage. This is achieved at the same time as adhering to and exceeding the most up-to-date safety requirements.

Tippers

Herbert's range of tipping systems has been designed to empty boxes at rates of 5 tph to 40 tph using the latest technologies in electrical control and mechanical mechanisms.

Herbert tippers are built to minimise produce damage, reduce forklift use and save transport costs. Our twin big bag tipper delivers fast, simple and safe tipping of big bagged produce at up to 30 tph.





Fillers

Bag, box and carton filling systems are all available using a range of methods to convey produce gently with minimum drop. These include lowerator belts, rising base fillers and zig zag options.

The latest generation of high-speed box filling machinery prevents the need for lifting the box and is therefore a safer system to operate.



Harvesting and In-Field Equipment

The Herbert range of harvesting and in-field processing rigs has been developed to ensure that a range of products can be handled quickly and efficiently in the field.

The result minimises waste and double handling at the farm and improves cost efficiency for our customers. The range can handle produce from leeks to pumpkins and courgettes to cabbages.



Leek Rig

Herbert's newly developed self-propelled harvesting rig has been specifically developed for washing and packing leeks. The leeks are delivered into a high volume washing system, which uses full water circulation with a three stage cleaning process. The system operates using minimal water, thus reducing waste. With a main working platform of 9m x 9m, featuring two trimming conveyors and two packing stations, the rig provides plenty of space for both empty trays and full pallets.



Field Production Rig

Herbert's field production rig is a versatile elevator for in-field vegetable harvesting and can be used for a wide range of produce including courgettes, leeks, lettuces and pumpkins.

The mobile elevator is robust yet lightweight, and can be easily fitted to an existing trailer or to Herbert's own range of trailers. It comes complete with axle and drawbar for ease of transport.



Parsnip Harvester

The Herbert Parsnip Harvester has been designed with challenging field conditions in mind and provides effective soil removal and fast, efficient operations.

The in-field inspection and rejection facilities help to reduce the unnecessary transportation of waste products to the factory and unnecessary expense, whilst the covered inspection area on the rig allows workers to work more effectively and in comfort.



Lettuce Harvesting System

Herbert has developed a Lettuce Harvesting System that transports, trims, inspects and washes lettuce and other leafy salads.

The system offers high throughput, assisted by large capacity washing systems. The large working space ensures speed and ease of handling trays, whilst the design and build of the system makes it comply to full safety standards.



Pumpkin Washer and Elevator

The Herbert Pumpkin Washer and Elevator has been specifically designed to reduce handling, washing and waste at the farm and is driven hydraulically from the PTO drive of the tractor.

The system provides a high output of up to 10 tph and, by using three water pumps, ensures huge cleaning capacity with minimal water usage.



The logo consists of a solid blue square with the word "HERBERT" written in white, bold, uppercase letters in the center.

HERBERT

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