



MOVING IDEAS

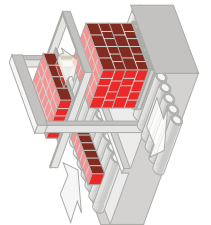
# UPDATE

Palletisers nr1  
November 2008

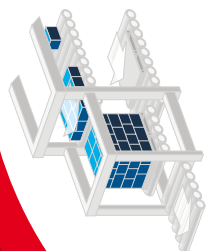


Innovation across the complete range

Perseus



Orion



The full range of Orion and Perseus palletisers has been completely redesigned  
OCME's experience brings added value to our customers' business



The market is continually pushing manufacturers for smaller, more fragile and unstable packs. Until recently 'end of line machinery' did not have to play the strategic role it does today – now equipment must accommodate the critical demands of the market and allow our customers to embrace every business opportunity. The new generation of OCME palletisers is designed for this and offers:

- Reduced maintenance in comparison with previous models and our competition
- More flexibility, speed and quality in size change
- Minimum stress to the product
- Minimum need of spare parts

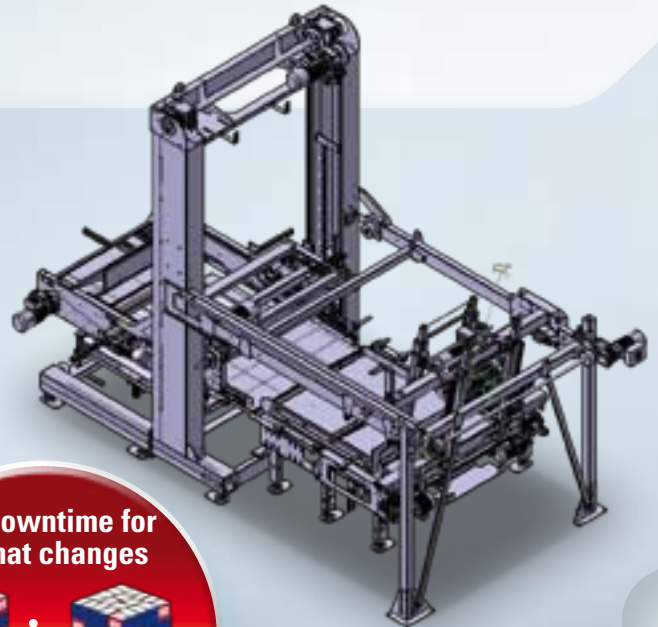
More information on palletiser updates on [www.ocme.com](http://www.ocme.com)



# Completely redesigned for even greater efficiency

## More reliable for operators to use.

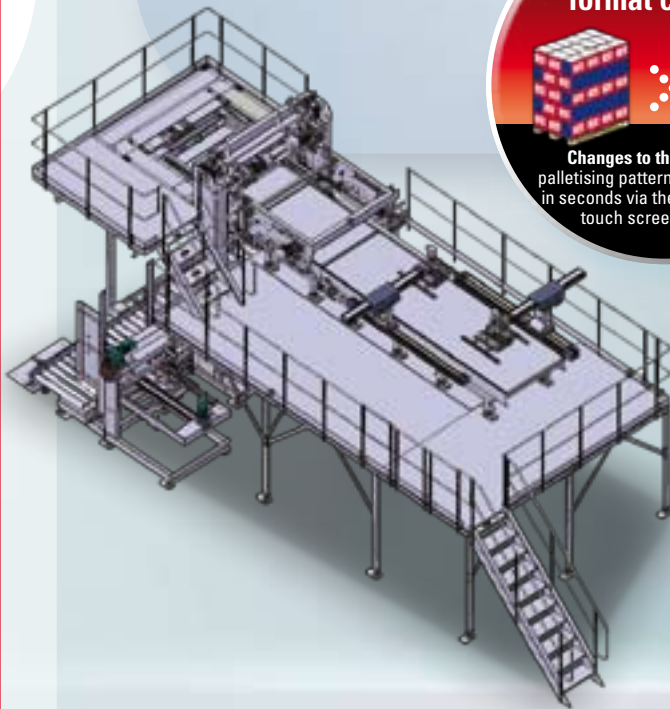
Many of the features added to improve general performance on the new OCME palletisers, have direct advantages for operator safety and contribute to improving the working environment. These include: reduction in noise level, better accessibility and drastically reduced maintenance requirements.



## No downtime for format changes



Changes to the format and palletising pattern can be effected in seconds via the fully automatic touch screen interface

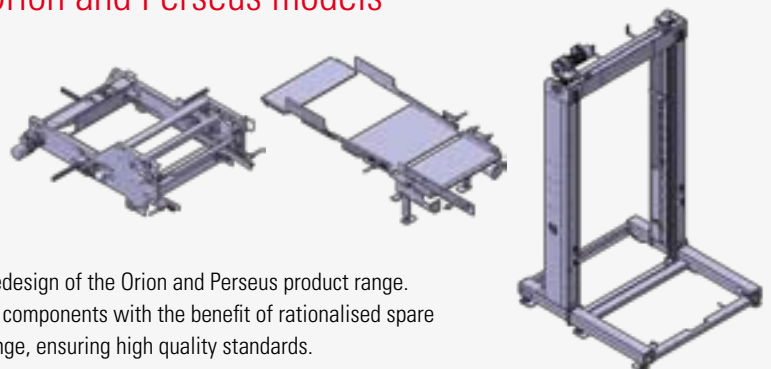


## Layer forming system using manipulators

- **No impact** during pack turning
- **Self-centring gripper** with maximum precision for positioning packs/bundles
- **No size adjustment** is necessary for packs ranging from 130 to 400 mm (front side leading)

## Modular concept for all Orion and Perseus models

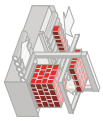
- **Easier management of spare parts**
- **Greater reliability**
- **Improved quality across the range**



We have taken a modular approach in the redesign of the Orion and Perseus product range. This enables the use of reliable, fully tested components with the benefit of rationalised spare parts and consumables across the whole range, ensuring high quality standards.



Orion



Perseus

UPDATE



**Precise speed control for better product management and increased flexibility.**



**Double infeed belt** achieved using two modular conveyors with independent motors. Inverter-controlled speed.

**Improved handling of unstable packs and fragile containers**



**Pack turners fitted** with shock-absorbers, integrated with alignment guides; these are customised to suit the particular type and weight of the pack to be handled.

**Maximum access to the layer-forming area**



**A new pusher** has been designed which maximizes accessibility and graduates the push, by use of an inverter / encoder.

**Designed for reduced maintenance and increased operator safety**



The use of transmission chains and belts has been reduced to maximize reliability. Maintenance-free toothed belts. Minimum noise level and improved accessibility.

**Precise, controlled layer release**



Continuous electronic control which ensures accurate positioning and stopping without the use of mechanical brakes.

**Perfect alignment of the loaded pallet even with chimney-stack type patterns**

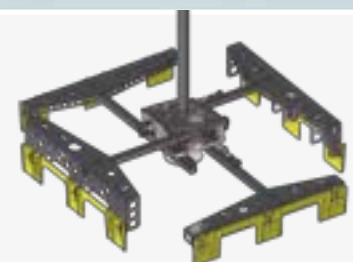


Stripper table split in two halves to reduce strokes. Three independent centering guides for precise, compact layer positioning. Ranprex® low friction and low wear surface coating

**Layer pad column** with an optional patented centering system



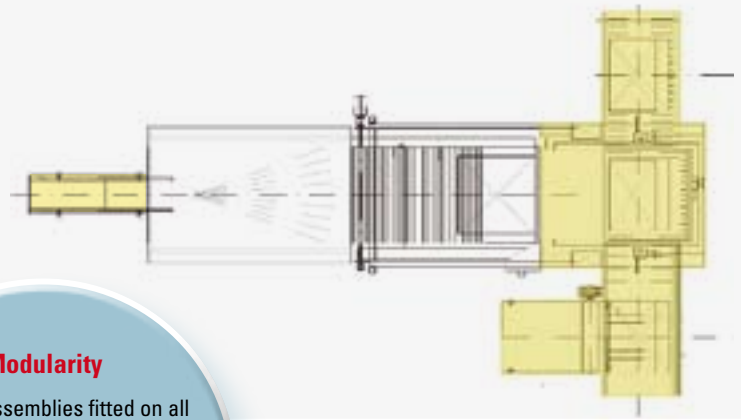
- Improved accuracy and reliability
- High speed
- Constant precise replication



The layer pad column is moved by two brushless motors (for lifting and rotation) which guarantee precision and speed in the trajectory. A robotic epicyclic reducer ensures precise, rotary movement. A patented, self-centering gripper is available to guarantee correct positioning of the layer pad, even in cases where the stack of pads is untidy.

# Orion

**In-line Palletisers with low and high level infeed.** Single and twin infeed versions that lead to a divider plus pack turners, or manipulators. With stationary pallet for low level machines, with mobile pallet for high level machines.



### Modularity

Common assemblies fitted on all models within the Perseus and Orion range mean that delivery times are reduced and reliability improved, along with optimized spare part management.

# Perseus

**90° Palletisers with low level and high level infeed.** From 1 to 3 infeeds, leading to a traditional layer forming system or to a divider plus pack turners or to manipulators. With stationary pallet for low level machines, with mobile or stationary pallet for high level machines.



Model	Features	Maximum speed (layers/min)	Infeed level	Pallet handling
1 Perseus LF	90° entrance with 1, 2 or 3 infeeds, divider or manipulator.	5	Low (std: 900 mm; Min÷Max: 700÷1600 mm)	Fixed pallet
2 Perseus HF	90° entrance with 1, 2 or 3 infeeds, divider or manipulator	5,5	High (std: 3100 mm)	Fixed pallet
3 Perseus HMV	90° entrance with 1, 2 or 3 infeeds, divider or manipulator.	7	High (std: 3100 mm)	Mobile pallet
4 Orion LF	In-line entrance with 1 or 2 infeeds, with divider or manipulator.	5	Low (std: 900 mm; Min÷Max: 700÷1600 mm)	Fixed pallet
5 Orion HM	In-line entrance with 1 or 2 infeeds, with divider or manipulator.	10	High (std: 3100 mm)	Mobile pallet

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