

# LIFTING SOLUTIONS FOR THE FOOD AND DRINK INDUSTRY

**ELIMINATE MANUAL HANDLING... WEIGHTLESS MOVEMENTS...  
INCREASED SPEED OF PROCESS... SINGLE OPERATOR CONTROL...  
LOW MAINTENANCE... IMPROVED SAFETY OF OPERATION...  
IMPROVED OPERATOR DEPLOYMENT... REDUCE PRODUCT DAMAGE...  
QUICK DELIVERY... UK MANUFACTURED**



**Example - Vacuum Tube Lifter;** this system helps the operator to move boxes and sacks weighing up to 40kg from conveyor line to pallet stack.



**Example - Manipulator;** this pneumatically powered system helps the operator to load/unload 60kg reels from pallet to Kister machine. Reels are rotated 90°.



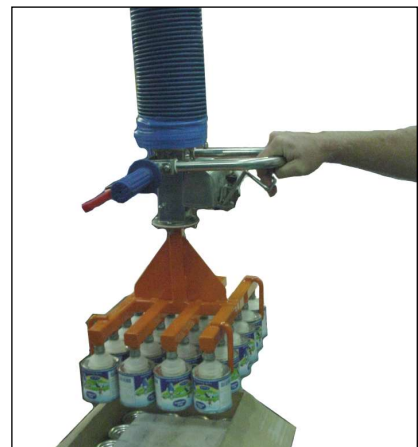
**Example - Vacuum Tube Lifters;** this system installed in the Fisheries sector enables operator to stack 45kg boxed salmon up to six layers high on pallets.



Palamatic design and manufacture a variety of handling systems for the many sectors of the Food industry. These three examples show the flexibility and diversity of our range. **Left** our **Hygienic Vacuum Tube Lifter** (lifting sacks of flour) is specially designed for cleandown. **Above** shows the powered **Pedestrian Truck**, ideal for drum pouring. **Right** cheese block handling using a **Vacuum Tube Lifter**.



**Left:** A specially designed suction device lifts directly on the surface of frozen meat blocks. Once again a **Vacuum Tube Lifter** is used to safely grip and raise the load in a user friendly, one man operation. **Right:** This handling device was developed to lift multiple tins of evaporated milk. The loading or unloading of the four tin layers is carried out in a *fraction of the time* taken in doing the process manually. This *significantly increases process throughput speed and eliminates damage to the product*. The **Vacuum Tube Lifter** is used again to maximise speed of operation.



# Palamatic

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Palamatic's worldwide sales network ensures that our expertise works for the company and its operatives



**Example - Vacuum Tube Lifter;** reels of packaging material picked, lifted and rotated using a Vacuum Tube Lifter. Reels weigh approx. 80kgs and required two men to handle them before the installation of this system.



**Example - Manipulator;** used here to grip and lift trays of pastels weighing 15kg. A built in rotation feature (push button operated) was used to empty the pastels into a coating machine.



**Example - Vacuum Tube Lifter;** shown here using a flexible rubber seal to grip and lift the porous sacks. Ideal for palletising or depalletising of paper and plastic sacks.



**Example - Automatic Sack Discharging Machine;** paper, plastic, hessian and polywoven sacks weighing up to 80kg can be cut open and the contents discharged in a dust tight operation, which can increase process throughput and improve product retrieval.



**Example - LoadAssist;** a mobile stacker trolley with battery powered raising and lowering. Can be used with reel and drum handling attachments or a simple tray for tote bins etc. Lifting capacity of 150kg and typical raising height of 2000mm.



**Example - StackerTrolley;** simple, easy to manoeuvre trolley with battery powered raising tray. Up to 150kg capacity, this unit is ideal for shelf stacking type operations and accesses narrow aisles with ease.