

SUB FRAME LIFTING SYSTEMS



Palamatic's PneuLift is used here to transfer sub frames from stillage to stillage. In this typical operation the sub frames, weighing 50kgs, remain in the vertical orientation at all times during the transfer process. When installed the unit was suspended from an overhead gantry providing maximum working area coverage with the minimum disruption to the operating environment



Operator controls are conveniently positioned to ensure ease of use. Raising and lowering of the sub frame is achieved via push-button controls, as is the pneumatic gripping mechanism used to secure the load during the transfer process

PRODUCT INFORMATION

PRODUCTS HANDLED FOR:

- Rover
- Ford
- BMW
- Honda
- NMUK

LOAD CAPACITIES:

- Generally between 30 and 50kgs

PROCESSES:

- Pick up and place vertically (off set)
- Pick up vertical and place horizontal (90° rotation)
- Pick up horizontal and place vertical (90° rotation)

TYPICAL USES:

- Fabrication area - welding cell to stillage
- Painting area - stillage to paint line jig
- Bushing area - stillage to bushing machine and return

FEATURES:

- Lightweight design to ensure low maintenance (no special tools necessary)
- In-built safety features make Palamatic units some of the safest available on the market today
- Pneumatic or electrically powered systems
- Reliable and robust
- CE labelling and certification on all systems

BENEFITS:

- Reduced manual handling and associated risks to health
- Increased speed of operation
- Improved safety of operation
- Improved operator deployment
- CE labelling and certification on all systems

FINISH OPTIONS:

- Mild steel painted to customers requirements

Palamatic

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



Vacuum Tube Lifter handling 30kg (66lbs) sub frames supported from an overhead gantry with floor mounted support columns.



Typical application picking from stillage to stillage with sub frames remaining in vertical (off set) orientation.



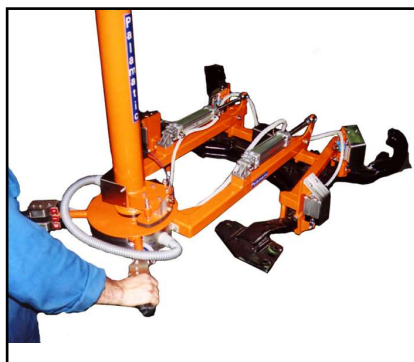
Operator friendly controls are conveniently mounted in one location for ease of use. A specially designed pneumatic gripper secures the sub frames during transfer



Horizontal Arm Manipulator used to handle 40kg (88lb) sub frames. Unit incorporates 90° pneumatic rotation.



Three identical Horizontal Arm Manipulator units with overall reach of approx. 3m. Typical application handling sub frames from vertical to horizontal.



All controls are located in a single position and give ease of use for left and right handed operators.