

PNEULIFTS



Palamatic's PneuLift transferring Turbo Casings from stillage to stillage. In this operation the Turbo Casings, weighing 40kgs, will be rotated through 180° during the transfer process. When installed the unit will be 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 20 and 100kgs

PROCESSES:

- Pick up and place vertically (off set)
- Pick up vertical and place horizontal (on workbench)*
- Pick up horizontal and place vertical (from workbench)*

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

*Note: PneuLift is not designed to support off-set loads

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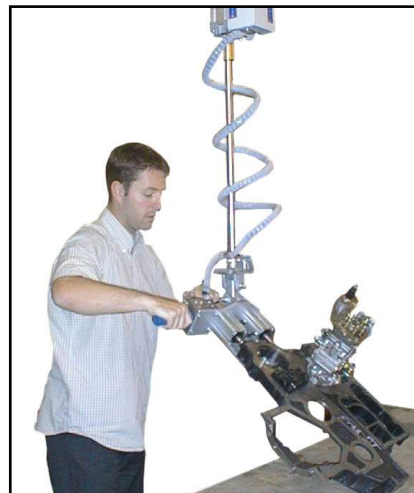
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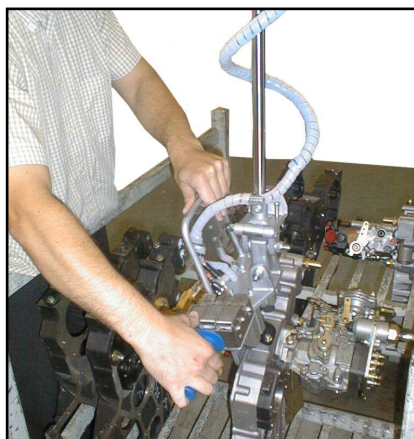
Palamatic's worldwide sales network ensures that our expertise works for the company and its operatives



Typical application picking from stillage to engine block with components picked in a vertical orientation



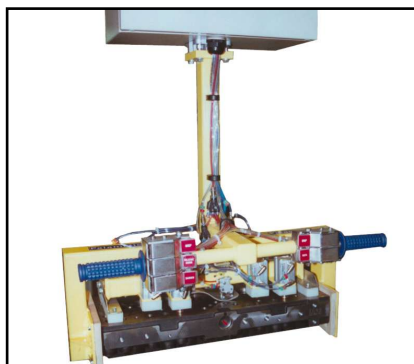
Timing Block Casings needing manipulation are placed on an adjacent build workbench before being fitted to the engine block. This requires a rotation of 90°.



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



PneuLift used to handle 35kg cylinder heads with precise and horizontal positioning onto the cylinder block



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