



Pneumatic Automation Components
Grippers and Industrial Clamps
From Light Weight to Heavy Duty Handling in hostile Environments
Slides, Guide Cylinders, Rod Locks
From Standard Components to Custom made Grippers and Cylinders

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ROBUST POWER CLAMPS FOR DEMANDING APPLICATIONS

Solid engineering, compact design and an outstanding build quality enable Lantec clamps to operate utterly reliable even in harsh, high pressure production facilities.

Initially developed for use with welding applications in the automotive industry they are also successfully utilized for clamping, holding, gripping and positioning of metal sheets, bar material and many other products on automated production equipment, special machinery, machine tools, presses, process equipment, tooling, jigs and fixtures throughout all areas of manufacturing industries.

The clamps are actuated with standard compact cylinders including magnetic pistons ranging in bore sizes from 25 to 50 mm and 63 mm respectively for the narrow type. Clamping torques range from 42 to 825 Nm and high holding torques apply when mechanically locked.

The clamp bodies are machined either in aluminium or steel providing great physical strength, wear and shock resistance. They are fully enclosed to protect the internal components from dirt and weld spatter.

The clamp lever mechanism is moving in hard-wearing linear guides to absorb the clamping forces and the arm shaft is pivoting in strong sinter bushes.

When closed they lock mechanically thus ensuring the work pieces are securely held in position during the production process. In normal operation the clamp will only unlock and open again when the cylinder retracts with compressed air. An optional manual override is available in case of air loss.

There is a choice of rotation angles, arm positions and designs available as standard and special requirements can also be catered for on request.

For more information please contact FS Engineering and visit www.lantec-grip.com

