TOOLING TECHNOLOGY LLC.

WARNING

PROPER AND SAFE OPERATION

THE QUICK CHANGE CYLINDER LOCK REQUIRES STRICT ADHERENCE TO THE FOLLOWING INSTALLATION SPECIFICATIONS. DIVERGENCE FROM THESE REQUIREMENTS COULD RESULT IN DAMAGE TO MACHINERY AND COMPONENTS OR CAUSE SEVERE PERSONAL INJURY OR DEATH.

- Each PD500 Mega Cylinder has been engineered to locate and lock very large, heavy tooling and is rated at 25,000 lbs holding capacity. However, when using the cylinder locks to suspend tools in a vertical or inverted position, a safety reinforcement system should be implemented to prevent the tools from falling in the event of an accidental release of the knobs from their cylinders.

- A “lock out” air terminal box should be used to help prevent accidental actuation of the cylinder locks. The cylinders will remain safely locked until air pressure is applied. Once the cylinders are energized, they will unlock and the tooling will be free to release.

- Quick change cylinder locks must be mounted flush to the platen surface. As the cylinder locks have a mounting tolerance of +.000” to -.002”, the cylinders must not protrude above the platen surface at all or be recessed more than .002” below the platen surface.

- The true position of any knob to its respective cylinder must be held to a maximum deviation of no more than +/-.002”.

- A minimum of 80 lbs of air pressure is required to fully actuate the PD500 cylinder locks.

Note: Thermal expansion should always be taken into consideration before aligning, locking or releasing warm tools. As the quick change knobs move in unison with the growing surface of their assigned tool, they will become more snug inside their cylinders until the tool contracts back to normal size. Therefore, a cool-down period is strongly recommended before attempting to disengage the knobs and remove the locked tool from the machine.

Installation sheets for specific mounting and plumbing information for all Segen locks are found on our website www.segen-online.com

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