

Proper & Safe Operation

Quick-Change Cylinder Lock Safety Requirements

WARNING

The quick-change cylinder lock requires strict adherence to the installation specifications below. Failure to comply can result in equipment damage or personal injury.

- 1 Quick-change cylinder locks must be mounted flush to the platen surface. Because the cylinder locks carry a mounting tolerance of +0.000" to -0.002", cylinders must never protrude above the platen surface and must not be recessed more than 0.002" below it.
- 2 The true position of any knob relative to its corresponding cylinder must be held to a maximum deviation of no more than ± 0.002 ".
- 3 A lock-out air terminal box should be used to prevent accidental actuation of the cylinder locks. The cylinders remain safely locked until air pressure is applied; once energized, they unlock and the tooling is free to fall, which could result in damage or injury.
- 4 Each cylinder model requires a specific minimum air pressure to fully actuate, as shown below. For optimum performance, an operating pressure of 80–90 PSI is recommended across all models.

Cylinder Lock Model	Minimum Air Pressure to Fully Actuate
PD438	70 lbs
PD375	50 lbs
PD250	70 lbs

Note: Installation sheets with specific mounting and plumbing information for each cylinder lock are available at toolingtechgroup.com.

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These guidelines are subject to change since this document was printed. Visit segen.amplifi.studio for the current version.