Pega 357 with 04PC Control Layout Drawings

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Warning

- ❒ Qualified personnel must complete all work.
- ❒ Do not apply power to the Pega 357 until an A.E.S.I. (Amada Engineering and Service Incorporated) Engineer is present and has instructed you to do so.
- ❒ Not all information required for proper installation, of the Pega 357 is included with this document. Specific details for proper installation are found in the *document Pega 357 with 04PC User Pre-installation Guide* available at the Amada America Internet web site at http://www.amada.com.
- ❒ Considerable effort has been made to ensure that this manual is free of inaccuracies and omissions. However, as we are constantly improving our product, some of the data contained herein may be out of date. Please check our Internet site, http://www.amada.com, for the latest release of this document.

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Planning the Location of the Machine

The following diagrams provide the details for positioning your new machine.

- ❒ Not all information required for proper installation, of the Pega 357 is included with this document. Specific details for proper installation are found in the *document Pega 357 with 04PC User Pre-installation Guide* available at the Amada America Internet web site at http://www.amada.com.
- ❒ No obstacles are allowed in the worksheet travel area and the ceiling must be at least 40" above the Pega 357.
- ❒ All of the Recommended Safety / Maintenance areas should be used, but you must at least ensure that the doors of the 04PC control unit can be opened. Any reduction of the Recommended Safety / Maintenance areas may increase the possibility of personnel injury and increase the time and cost of installation or maintenance.
- ❒ The Pega 357 and 04PC control must be protected from direct sunlight or other heat sources. Exposure to direct heating sources such as infrared heaters have been shown to affect punch and die alignment.

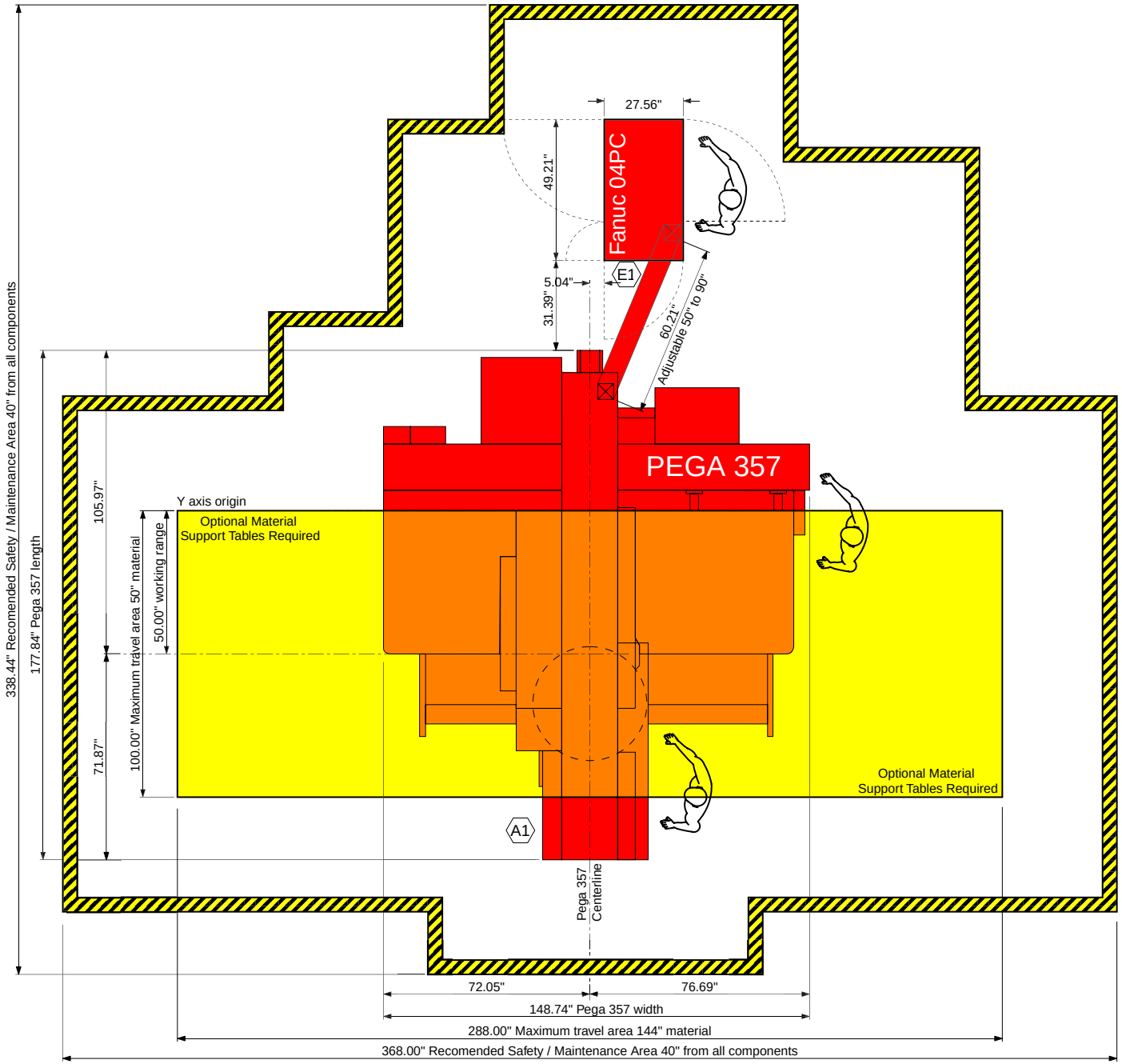
Plan View - Pega 357

Electrical Requirements	
E1	Pega 357 230 / 460 / 3 / 60 ±10% 18 kVA 46 amps @ 230 / 3 / 60 VAC 23 amps @ 460 / 3 / 60 VAC

Compressed Air Requirements		
A1	Pega 357	80 psi @ 2.9 ft³/min.

Indicates Operator Control Station

12"	12"	12"
Scale		

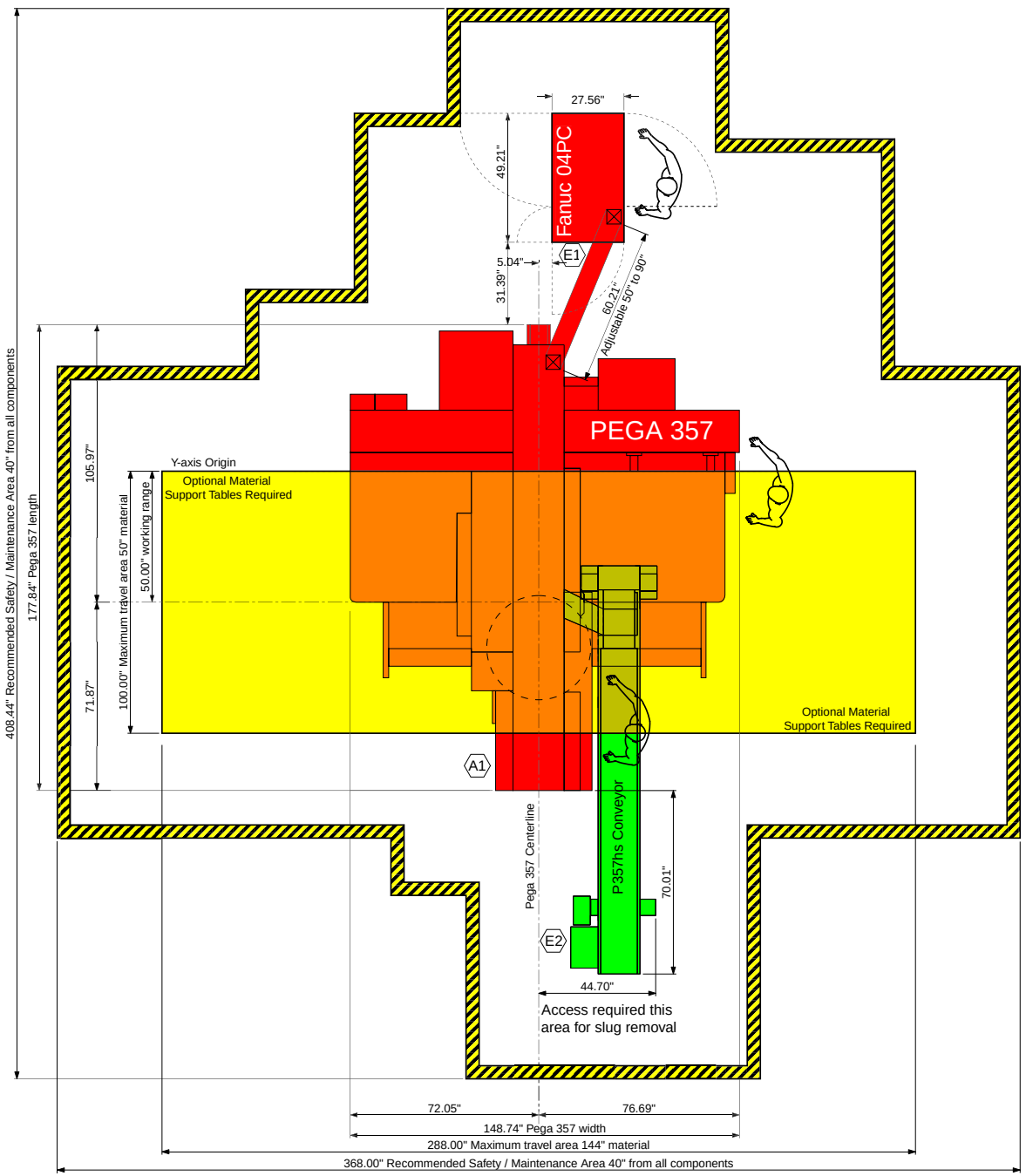


Plan View - Pega 357 with V357hs Conveyor

Electrical Requirements
E1 Pega 357 230 / 460 / 3 / 60 ±10% 18 kVA 46 amps @ 230 / 3 / 60 VAC 23 amps @ 460 / 3 / 60 VAC
E2 P357hs Conveyor 208 - 230 / 460 / 3 / 60 ±10% .8 kVA 2.1 amps @ 208 / 3/ 60 VAC 2.0 amps @ 230 / 3 / 60 VAC 1.0 amps @ 460 / 3 / 60 VAC
Compressed Air Requirements
A1 Pega 357 80 psi @ 2.9 ft³/min.

Indicates Operator Control Station

12"	12"	12"
Scale		



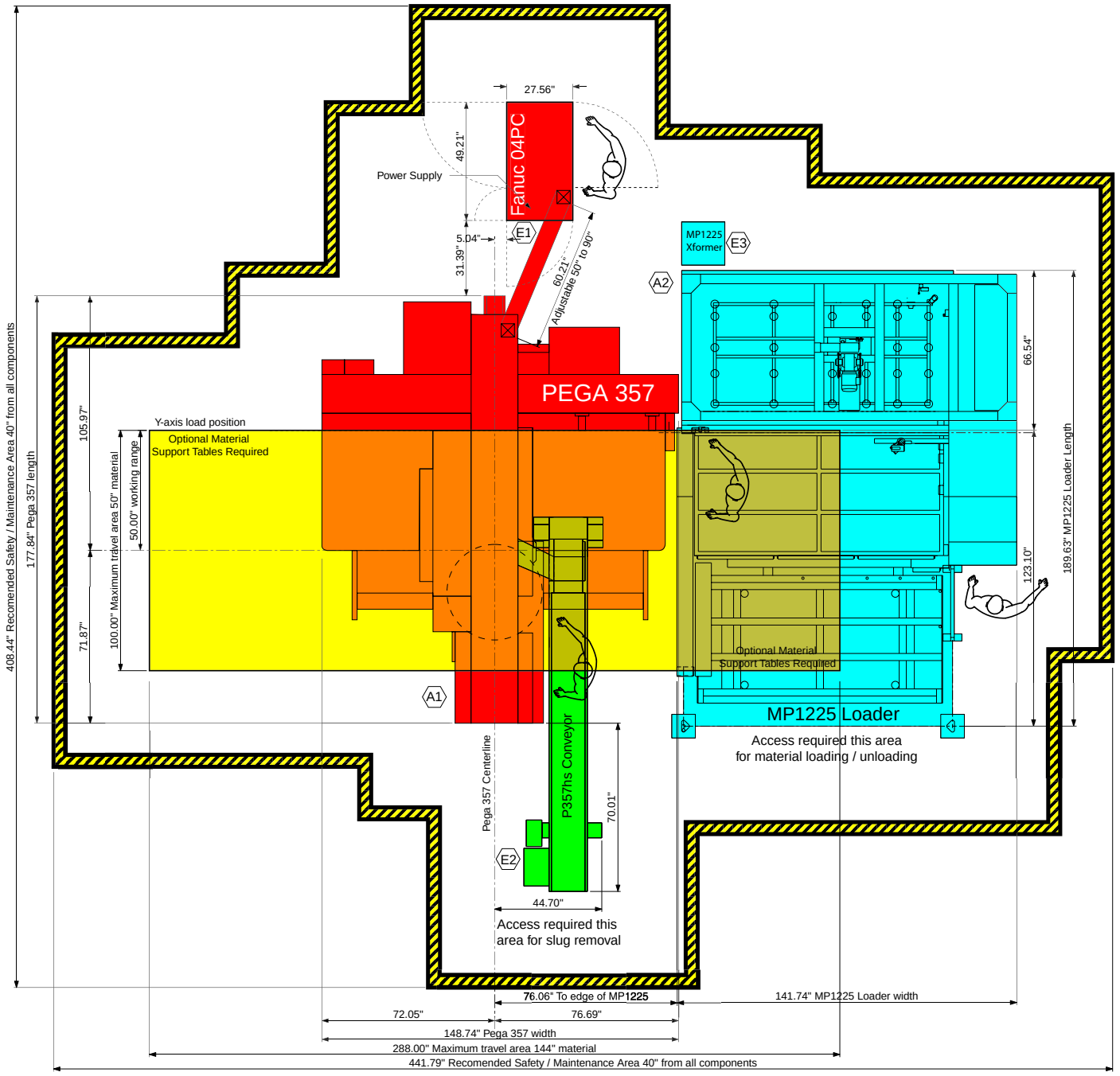
Plan View - Pega 357 with V357hs Conveyor and MP1225 Loader

Electrical Requirements
E1 Pega 357 230 / 460 / 3 / 60 ±10% 18 kVA 46 amps @ 230 / 3 / 60 VAC 23 amps @ 460 / 3 / 60 VAC
E2 P357hs Conveyor 208 - 230 / 460 / 3 / 60 ±10% .8 kVA 2.1 amps @ 208 / 3/ 60 VAC 2.0 amps @ 230 / 3 / 60 VAC 1.0 amps @ 460 / 3 / 60 VAC
E3 MP1225 Loader 200 / 3 / 60 ±10%, 10 Kva To operate at 230 / 460 VAC a step up transformer is required with the following service is required 29 amps @ 200 / 3 / 60 VAC 26 amps @ 230 / 3 / 60 VAC 13 amps @ 460 / 3 / 60 VAC

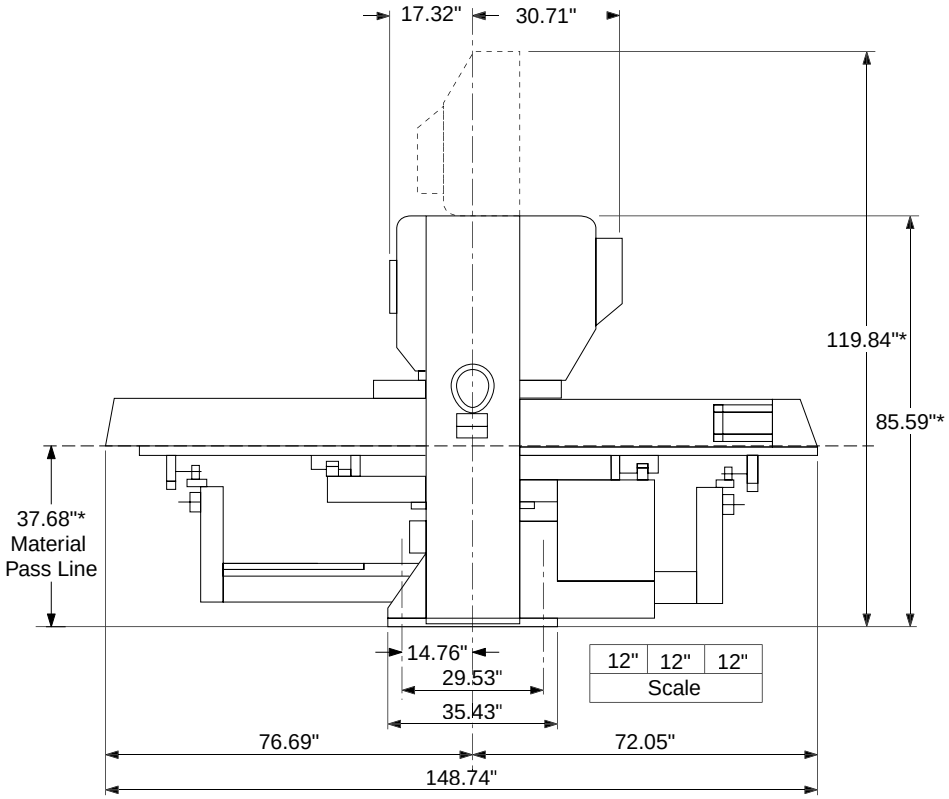
Compressed Air Requirements	
A1 Pega 357	80 psi @ 2.9 ft³/min.
A2 MP1225 Loader	75 psi @ 31.8 ft³/min.

Indicates Operator Control Station

12" 12" 12"
Scale

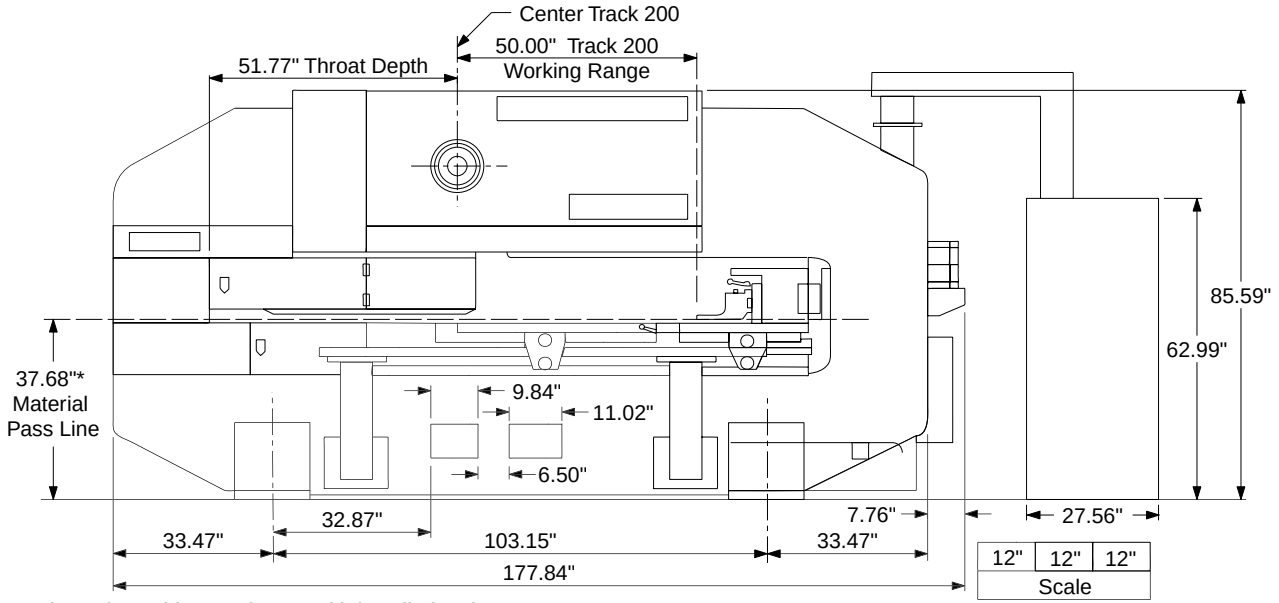


End View - Pega 357



*Dimension varies with installed options

Elevation View - Pega 357



*Dimension subject to change with installed options