

Pega 345 Queen with 04PC Control Layout Drawings



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Warning

- Qualified personnel must complete all work.
- Do not apply power to the Pega 345 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 345 is included with this document. Specific details for proper installation are found in the *document Pega 345 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 However, as we are constantly improving our product, some of the data contained herein may be out of date.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 345 is included with this document. Specific details for proper installation are found in the *document Pega 345 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 345 Queen.
- ☐ 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 345 Queen 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 345 Queen

Electrical Requirements

E1 Pega 345 Queen
 230 / 460 / 3 / 60 $\pm 10\%$ 18 kVA
 46 amps @ 230 / 3 / 60 VAC
 23 amps @ 460 / 3 / 60 VAC

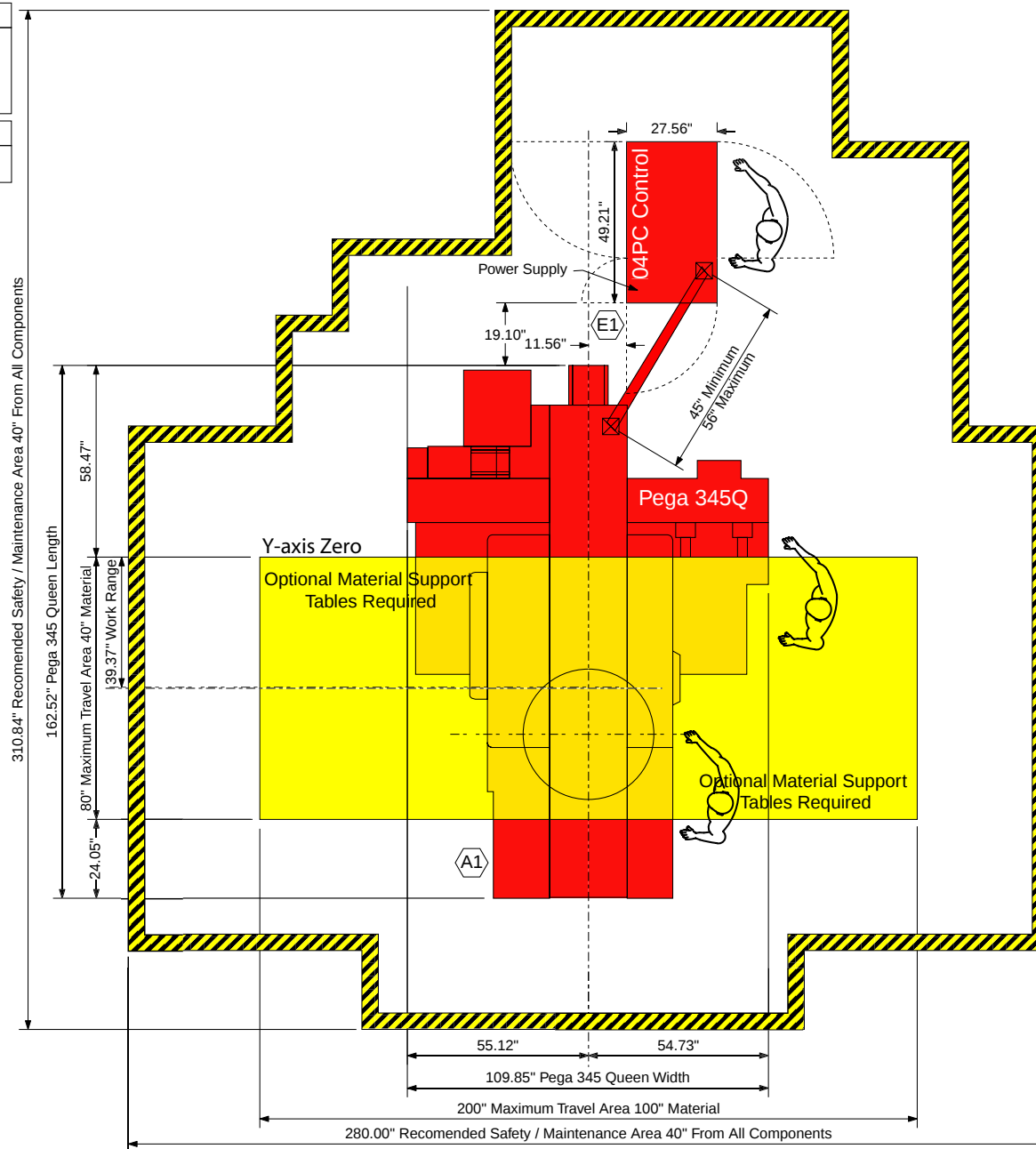
Compressed Air Requirements

A1 Pega 345 80 psi @ 8.8 ft³/min.

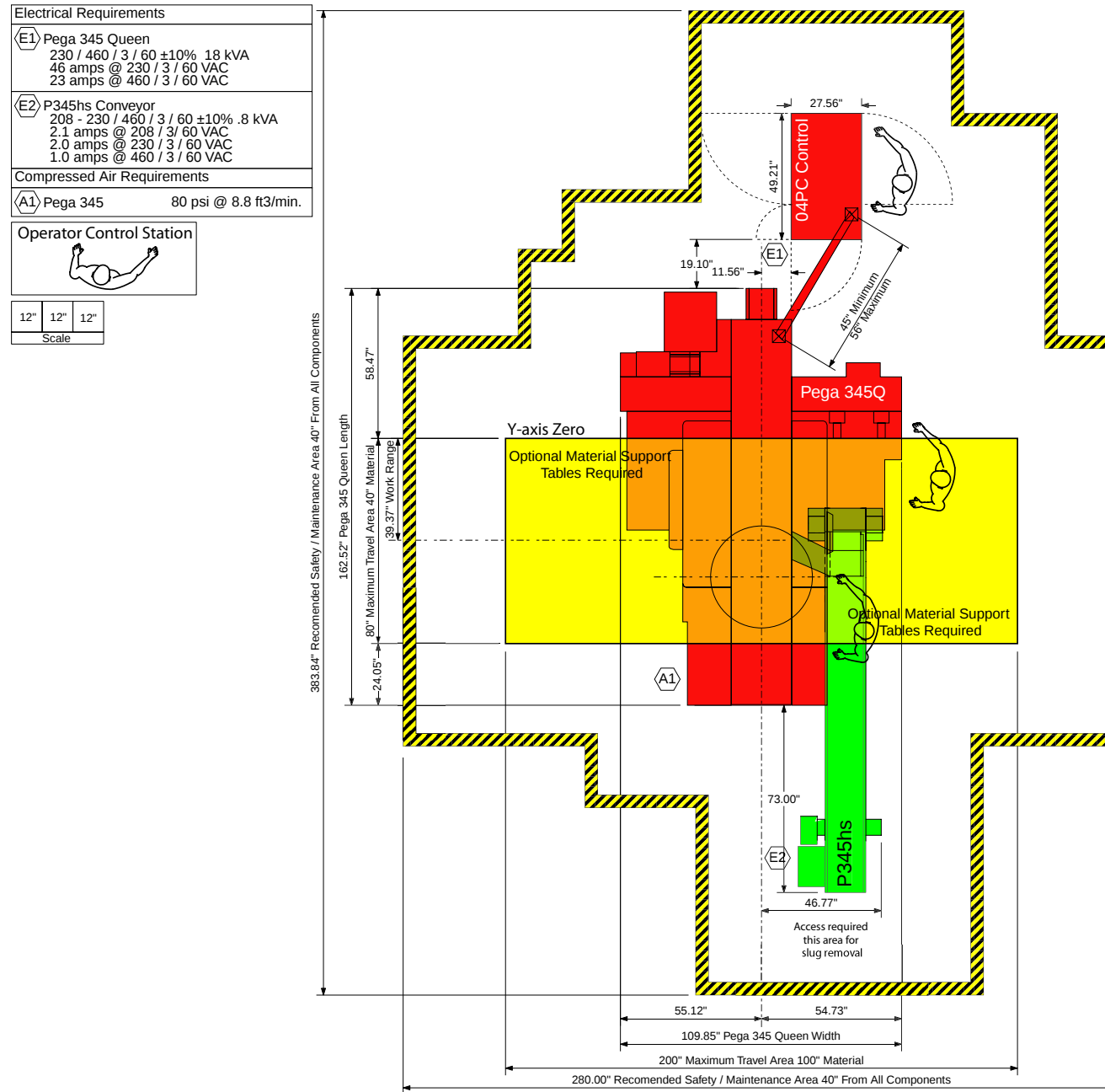
Operator Control Station



12"	12"	12"
Scale		

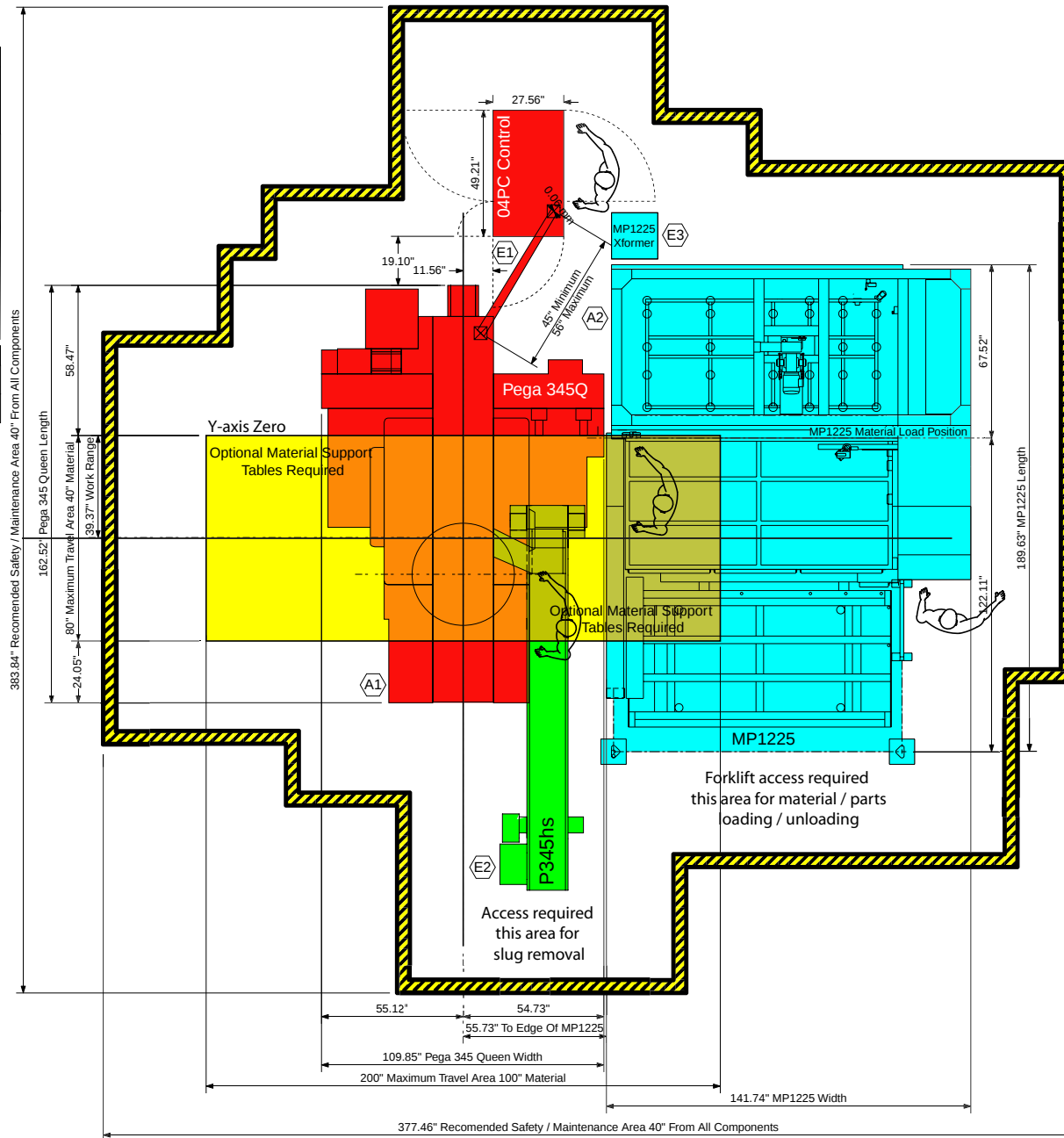


Plan View - Pega 345 Queen with V345hs Conveyor

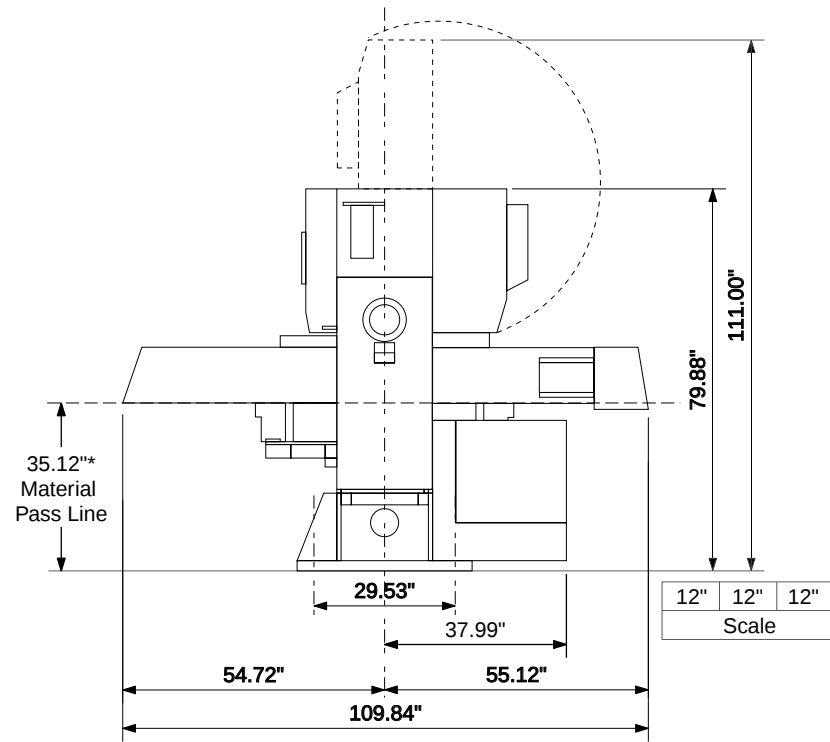


Plan View - Pega 345 Queen with V345hs Conveyor and MP1225 Loader

Electrical Requirements	
(E1) Pega 345 Queen	230 / 460 / 3 / 60 ±10% 18 kVA 46 amps @ 230 / 3 / 60 VAC 23 amps @ 460 / 3 / 60 VAC
(E2) P345hs 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 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 345	80 psi @ 8.8 ft3/min.
(A2) MP1225 Loader	75 psi @ 31.8 ft3/min.
Operator Control Station	
	
12"	12"
12"	12"
Scale	



End View - Pega 345 Queen



*Dimension will change with installed options

Elevation View - Pega 345 Queen

