Single Column Pneumatic ATEX Mixer Lift

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PML/50/200-1200/M

Single Column Pneumatic ATEX Mixer Lift Description

This single column pneumatic ATEX Mixer lift was designed to raise and lower a mixer in an ATEX Zone 1 Environment. The machine is constructed from Grade 304 stainless steel and is fully TIG welded throughout to a pharmaceutical environment standard. The Mixer Lift was mobile on two fixed and two swivel braked castors. The lifting arm is raised and lowered using a pneumatic cylinder via push button control. The control valves and push buttons were mounted in a stainless steel enclosure. The Ytron Mixer was operated via an Extronics Stahl ATEX Controller suitable for a Zone 1 Hazardous Area with Start, Emergency Stop and Reset push buttons as well as a 'Running' indicator, Contactor and Overload.

Single Column Pneumatic ATEX Mixer Lift

Call now on **01495 312 172**
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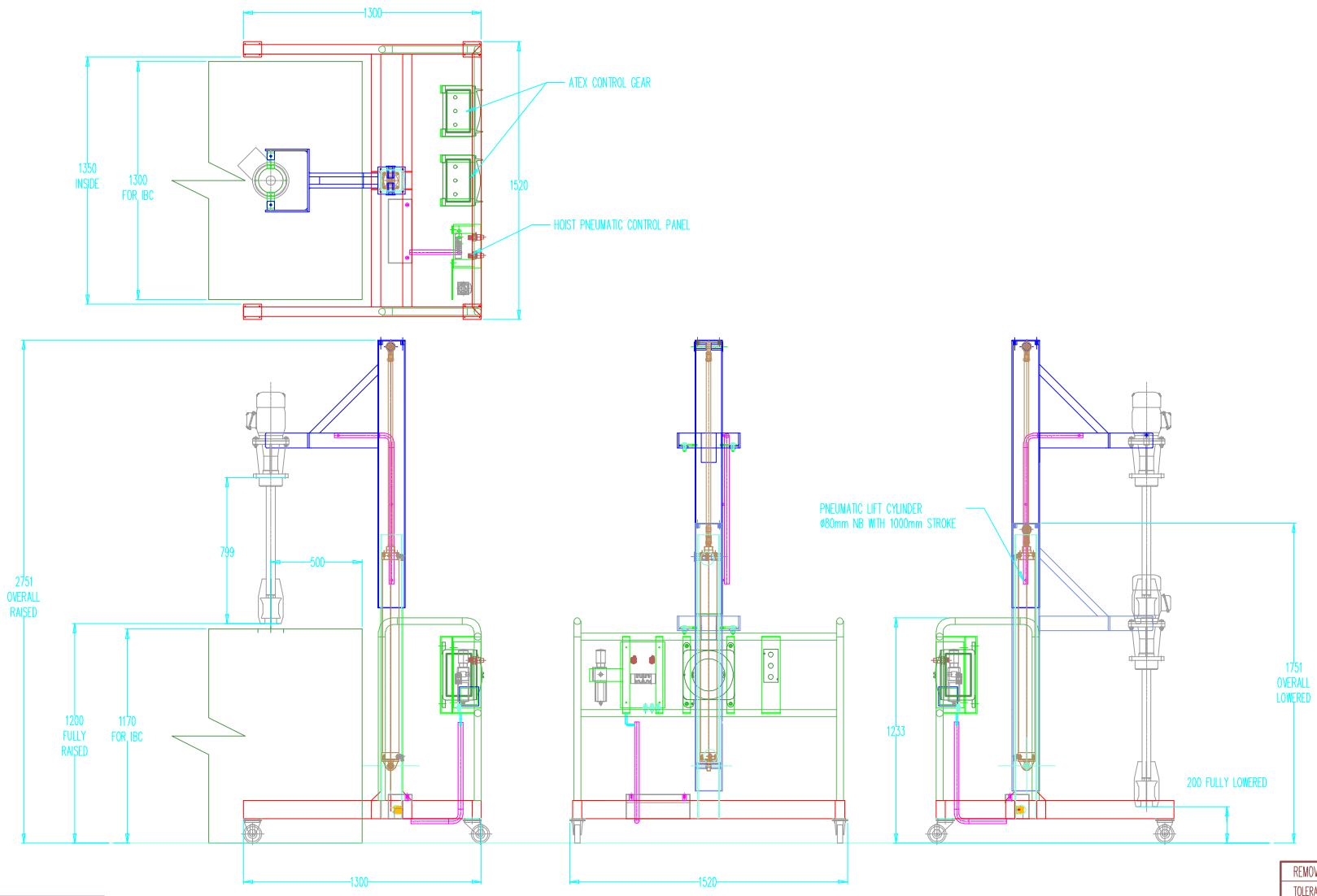
ATEX Mixer Lift Specification

DESCRIPTION	PNEUMATIC ATEX MIXER LIFT
MODEL No.	PML/50/200-1200/M
CAPACITY	75 Kgs
MINIMUM HEIGHT	200mm
MAXIMUM HEIGHT	1200mm
EXTENDED OVERALL HEIGHT	2600mm
RETRACTED OVERALL HEIGHT	< 2000mm
STROKE	1000mm
BASE ARRANGEMENT	MOBILE ON CASTORS

ATEX Mixer Lift Application Story

This ATEX Mixer Lift was required to raise and lower a Ytron Mixer into a drum in an ATEX environment. Once the mixer was lowered, various liquids and powders were added into the drum to be mixed. Once the mix was completed, the mixer was raised out of the drum using the hoist and the drum removed for further processing.



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DRAWN THIRD ANGLE PROJECTION

REMOVE ALL BURRS AND SHARP EDGES

TOLERANCES : UNLESS OTHERWISE STATED
FABRICATIONS : +/- 2.0mm
MACHINING : +/- 0.2mm
SHEET METAL WORK : +/- 1.0mm AND +/- 1.0 DEG

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REVISION NUMBER									DRAWN	CHECKED	DATE
									MRJ		09.08.05

CUSTOMER

DRAWING TITLE

ATEX SINGLE COLUMN PNEUMATIC MIXER LIFT

DRAWING NUMBER

BP3013-1