

### FEATURES

- Sound Isolated Enclosure
- Fail Safe Emergency Locking
- Self Diagnosing
- Power Failure Reset
- Isolated Power & Signal Feeds
- Programmable Height Positions
- Precise Stop & Start Positions
- Vertical Return +/- 1/8 @ 60'
- 2 pc Rigid Vertical Rail Frame
- Phone Home Capable
- Ceiling Docking Station
- Quietized Ventilation
- Adjustable Projector Rack
- Low Voltage Control Box
- Wall Mounted Controller



### Cinema Projector Lift

Adaptive Technologies Group's family of cinema projector-lifts compliments the needs of emerging booth-less cinema auditoriums. These designs offer quieter running and a smoother, safer and more efficient operation. The low profile two-piece vertical framework is a bolt-in, sound-isolated, structure which secures to the auditorium's rear wall, installing quickly, safely and easily. **(See Architectural Specifications)**

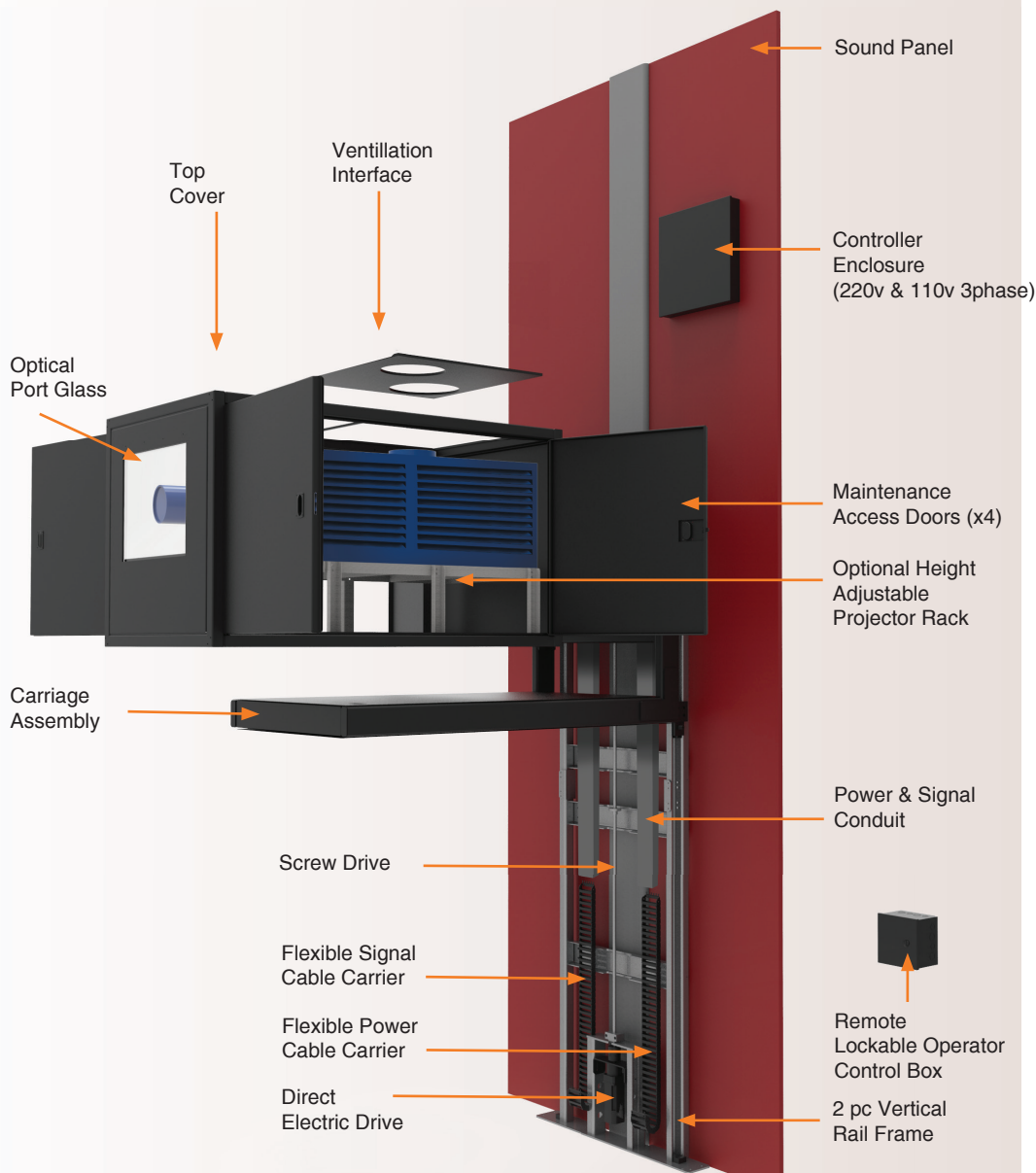
Its spacious projector enclosure is acoustically-treated to reduce noise and it assembles on-site, thus assuring its transportability through narrow hallways and corridors. Ventilation is achieved by way of a docking-style interface between the enclosure and the ceiling; and, inside the ventilated enclosure is an internal projector rack, a 110V power strip and an oversized optical glass port. Its redundant emergency braking system, low-voltage lockable controller, protective side-guards and phone home capability make it perhaps the industry's most functional and safest projector-lift system available.

**WARNING:**

Mounting and / or suspension of audio, video or projection lifts requires experienced professionals. Improperly installed equipment can result in property damage, personal injury and / or liability to the installing contractor.

### SPECIFICATIONS:

LIFT ASSEMBLY	ENCLOSURE
Depth: 78"	Depth: 77.87"
Width: 36.25"	Width: 41"
Height: 131.75"	Height: 43.5"
Electric Motor: Servo Drive	Optical Port Glass: 24"X24"
Return Accuracy:	Exhaust:
• Vertical: +/- 1/8" @ 60'	• 8.25" ducting port to docking plate
• Horizontal: +/- 0.5 degree @ 60'	Intake:
	• 10.25" ducting port to docking plate
Travel Speed:	Doors:
• 20 feet per minute preset	Removable. Compression latched with circular lock.
Base Plate:	Optional Rack:
• 48W" X 6.75"D X 1/2"H	Height adjustable. 46"L x 31"W x 14"H
Cross-braces:(5plcs) 35.5"W X4"HX1.75"D	Sound ISO:
	Internal 1/2" thick all around
Finish: Powder Coat Black	Finish: Powder Coat Black
Power:	Power:
Drive Motor: 208 3-Phase 10 amp	• Projector: 220v 3P 50amp • Aux: 120v



### Technical:

Adaptive Technologies Group has blended its structural design talents with its precision fabrication talents into a revolutionary new cinema projector lift for booth-less auditoriums using the latest in industrial control technologies. Its first design, the Pro-Lift PL-144 supports smooth vertical travel up to 12 feet high on structural rails and anchors into the auditorium's back wall, hidden behind a 2-piece safety cover with finger guards.

This premier design starts with a spacious quiet-ized and well ventilated enclosure that houses high powered cinema projectors, power supplies and 3D attachments. Four side doors on compression locks provide significant access to make servicing projectors efficient. An upper panel connects internal ventilation to a ceiling mounted docking station.

The computerized controller makes this projector lift a "smart" system. Once programmed, it requires no further settings. Speed control, precise start/stop settings, return memory, torque limits and power failure reset are all important features of the programmable Logic Controller (PLC).

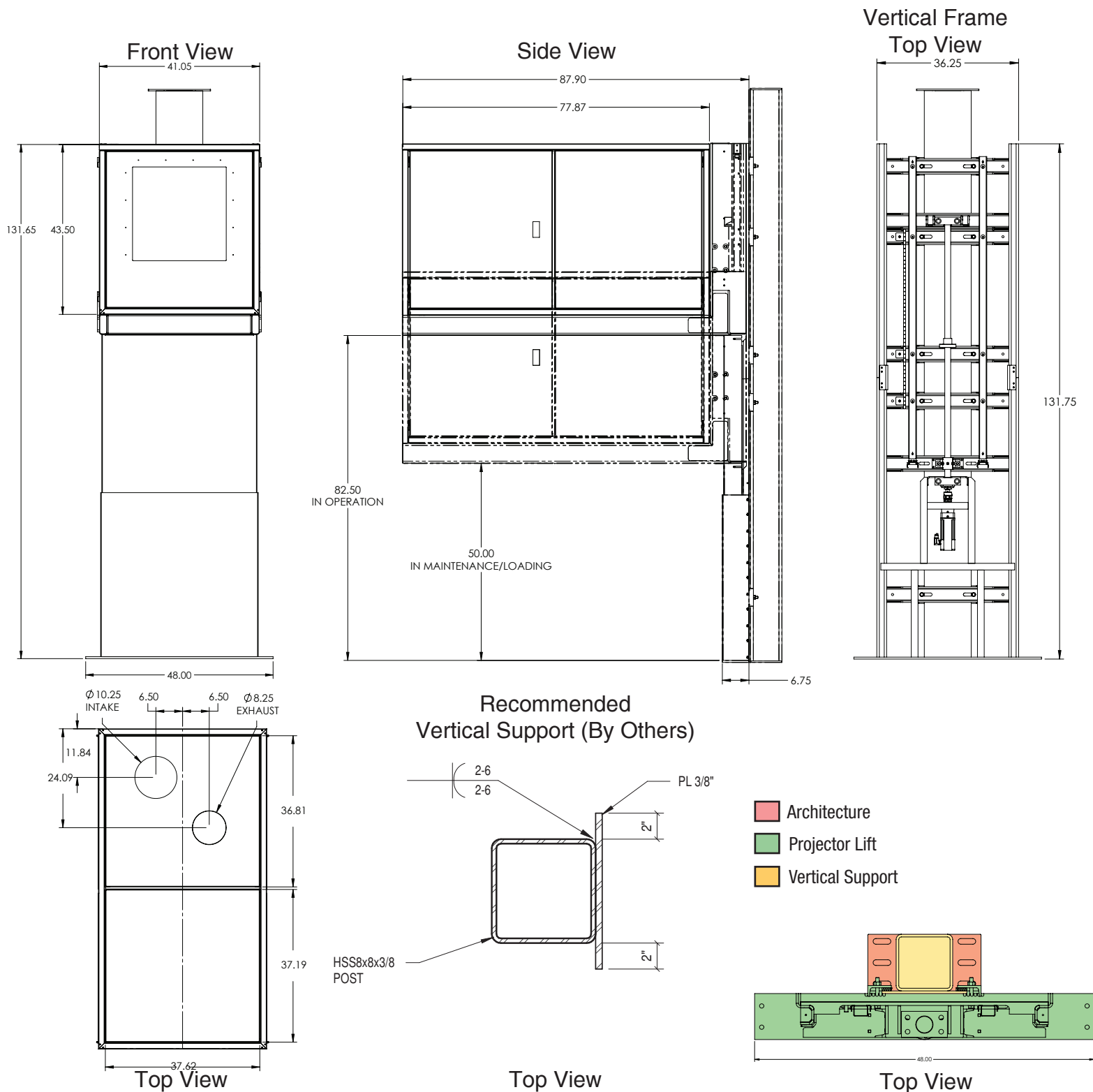
The "smart" controller program commands a 208V 3-phase servo-motor and high-strength alloy screw drive that are mounted within the vertical rail assembly and connects to the enclosure's under-carriage. Redundant fail-safe devices are included via an on board solenoid actuator, serving as a back-up safety precaution. This entire lift assembly ships knocked down for easy transporting.

The redundant emergency braking system, low voltage control box and protective finger guards make this one of the safest motorized lift systems in the industry.

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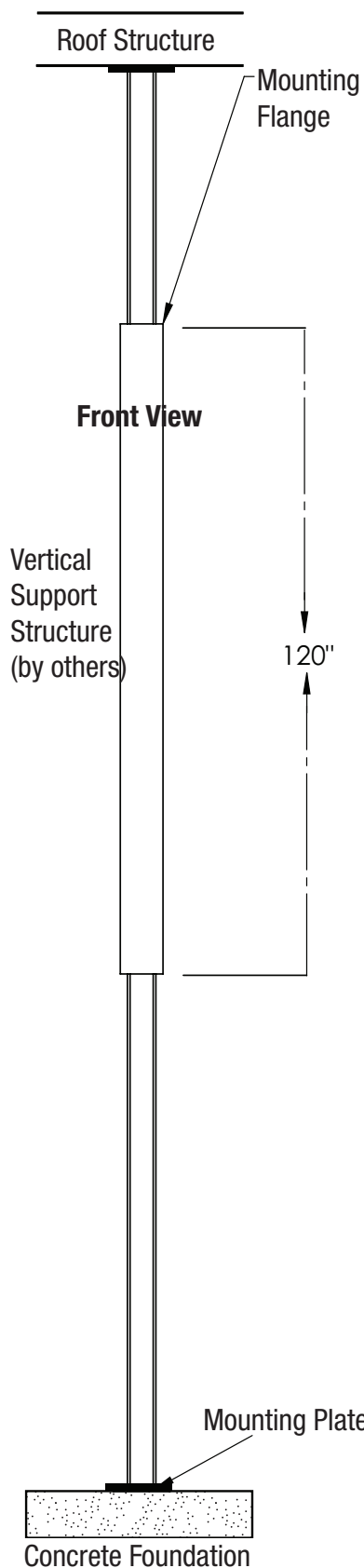
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### LIFT ASSEMBLY

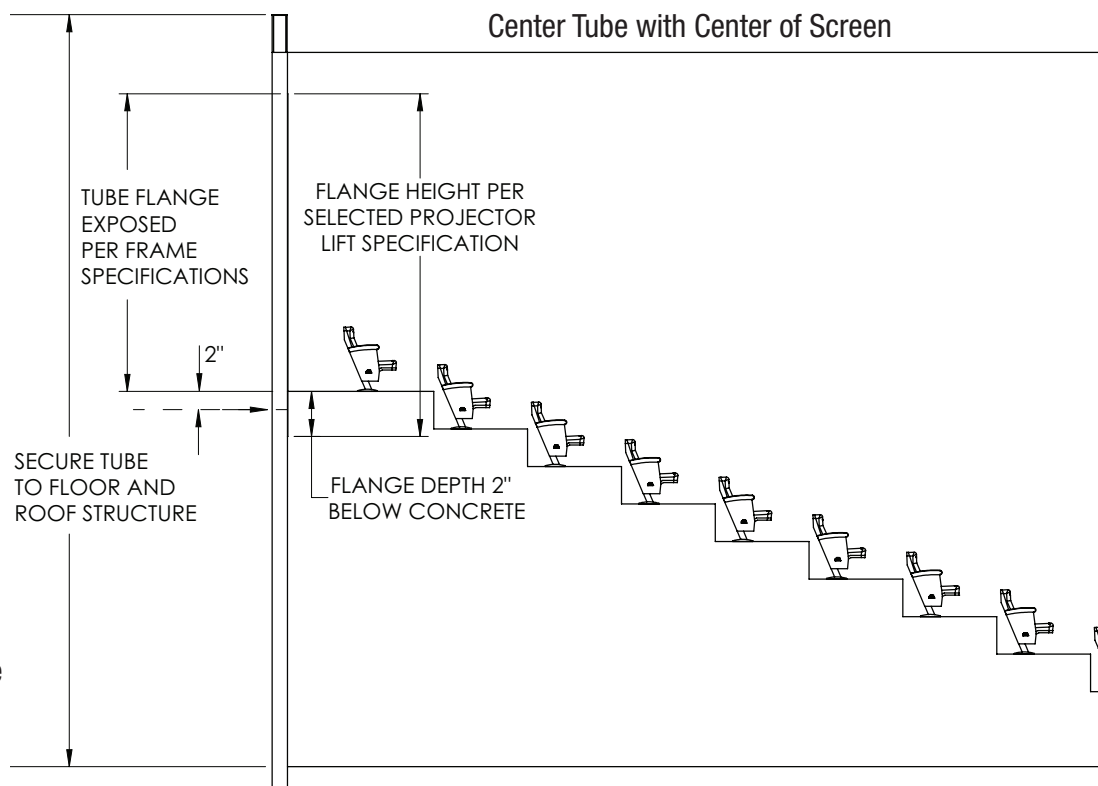
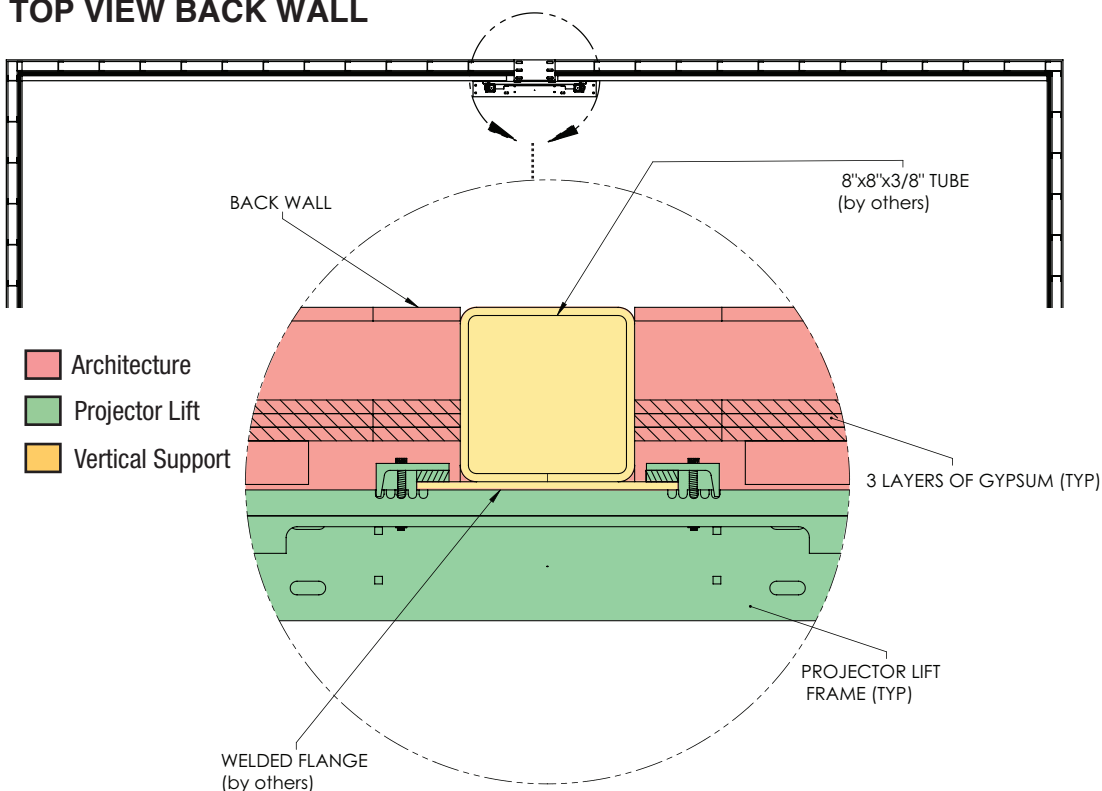


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### TOP VIEW BACK WALL



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