

# Model 9925

for ADA Compliance



**ThyssenKrupp Elevator**  
Americas Business Unit



**ThyssenKrupp**



## Efficient. Dependable. ThyssenKrupp.

ThyssenKrupp Elevator's Model 99 is our most economical and cost-effective solution for meeting ADA requirements in 2-story churches, office buildings, schools, parking garages and any other application where quality, reliable elevator service is required.

As with all of ThyssenKrupp's Oilraulic® applications, the Model 99 is raised by a powerful hydraulic jack, resulting in smooth acceleration and deceleration, quiet operation and accurate flooring leveling. With our special front-mounted cylinder design, the Model 99 is perfect for add-on installations or where drilling a jack hole is difficult.

## Made in the USA

At ThyssenKrupp Elevator, we know that making the best elevator is the first step to installing the best elevator. We don't rely on other manufacturers to develop and supply any of the major components of our systems. We're not the assemblers. We manufacture the major components of our elevators to ensure that our long tradition of strict quality standards is met. We are ISO9001:2000 certified, keeping quality control inherent in every step of the process. You get superior results with the most reliable and durable end product on the market.

Model 99 includes the high-quality features that ThyssenKrupp Elevator is known for, while allowing your building to meet the requirements set forth by the Americans with Disabilities Act [ADA].

### Your Model 9925 elevator will include:

- 2500 pound capacity.
- 6'-8" x 4'-3" clear inside.
- 3'-6" x 7'-0" entrance opening.
- Single-speed, side slide doors [Right-hand only].
- 2 stops up to 14'-0" net travel.
- Speed of 65 feet per minute.
- Requirements to meet ASME A17.1-2000 Code.
- Devices to meet Fire Service Codes.
- Simplex car operation.
- Superior TAC20 control system, designed for 208v, 3 phase power supply.
- EP40 submersible power unit with 10HP motor.
- Across-the-line starting.
- Victaulic® shutoff valve and oil line kit.
- MicroLight® door detection device.
- Nudging operation.
- Omega® rails, brackets and shoes.
- Adjacent machine room location.
- Provisions for Seismic Zone 1, 2, 3 or 4.

### Architectural Product Features:

- Cab with FRPB wood core, faced with Formica® high-pressure plastic laminate in matte finish.
- Nominal 7'-11" overall cab height.
- Baked enamel entrances, cab doors and front returns.
- Flat ceiling with baked enamel finish.
- Surface-mounted fluorescent cab lighting.
- Signa4 signal fixtures with blue LED illumination.
- All normal operating devices, including floor pushbuttons.
- Keyed emergency stop switch.
- Discrete car position indicator.
- Emergency light.
- Floor passing tone.
- ADA hands-free phone.
- Column-mounted car riding lantern with arrows.
- One riser of hall stations.
- Hoistway access, with hoistway enable key switch in car and two hoistway access stations in hall.
- Door jamb symbols with indications for ★1 and 2.
- Aluminum cab and entrance sills.

Contact your local ThyssenKrupp Elevator Representative for more information on our Model 99 applications.

### Cab Interior

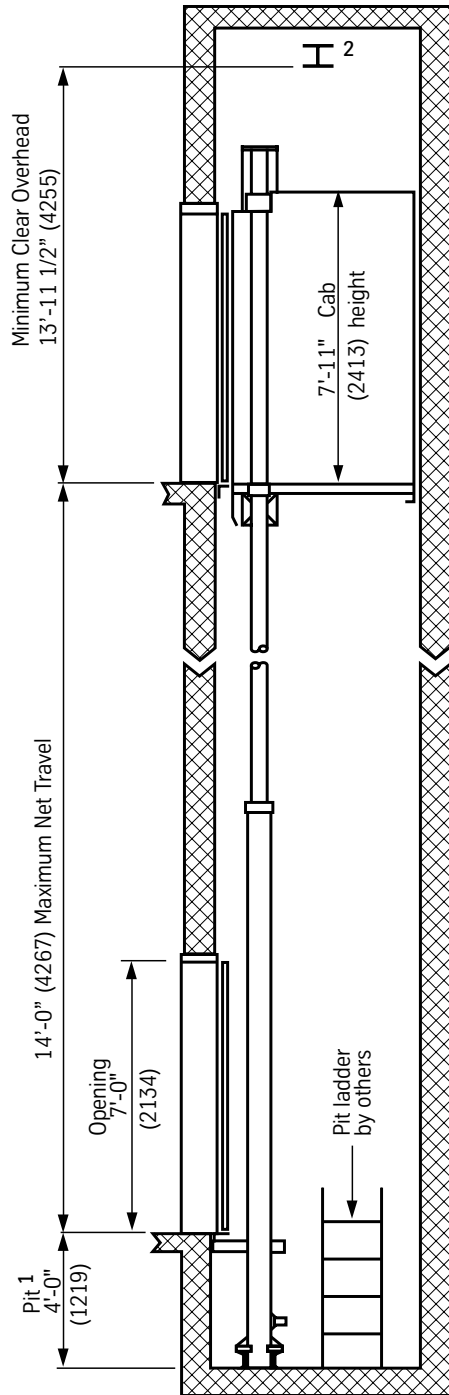


#### Plastic Laminate Color

Steel Matte Finish  
1484

#### Baked Enamel Color

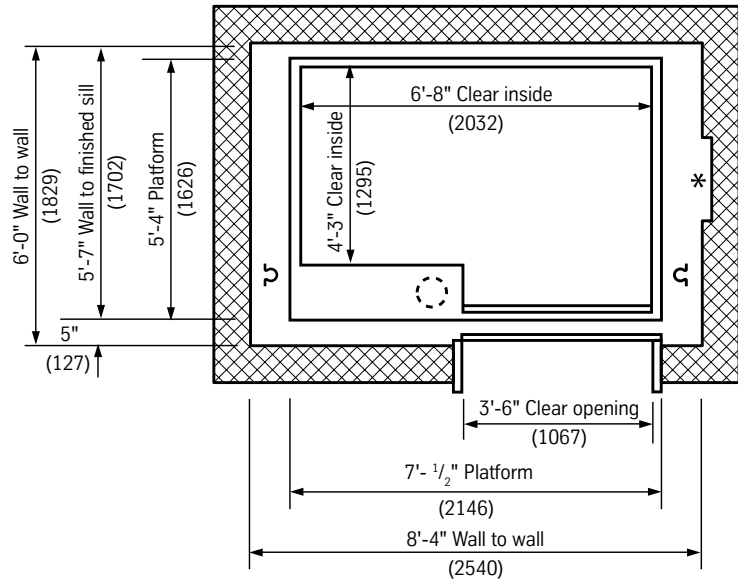
Light Grey  
F401



Model 9925		
Capacity	(lbs)	2500
	(kg)	1134
Speed	(fpm)	65
	(m/s)	0.33

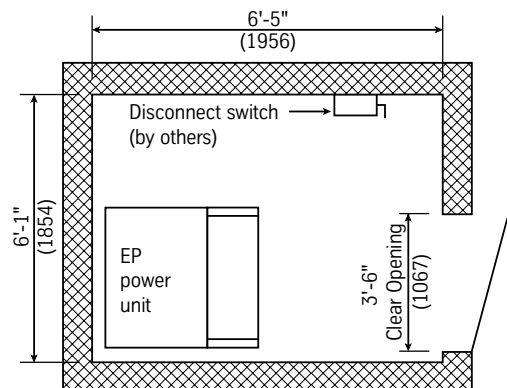
Model 9925 Loads on Car Rail			
10'-5" (3175) Max. spacing on rail bracket supports			
	(lbs)	F1	F2
	(kg)	734	924
		333	418

### Model 9925 Right Hand (only)



\* Hoistway wall must be notched 2'-0" (610) wide by 2 1/2" (64) deep for a 7" (178) deep pit ladder by others. Center line of notch must be located at center of hoistway.

### Machine Room Arrangement



- 1 Pit: 5'-2" (1575) in Ontario.
- 2 Safety beam required per OSHA 1926.502, provided and installed by others, as directed by ThyssenKrupp Elevator local office. Clear overhead is shown to the bottom of the hoistway beam.
- \* If hoist beams (by others) are used, they must not encroach into required clear overhead dimensions.

## Work Not Included\*

General contractor shall provide the following in accordance with the requirements of the Model Building Code and ANSI A17.1 Code\*\*. For specific rules, refer to ANSI A17.1, Section 300 for hydraulic elevators. State or local requirements must be used if more stringent.

1. Elevator hoist beam to be provided at top of elevator shaft. Beam must be able to accommodate proper loads and clearances for elevator installation and operation.
2. Supply in ample time for installation by other trades, inserts, anchors, bearing plates, brackets, supports and bracing including all setting templates and diagrams for placement.
3. Hatch walls require a minimum two hours of fire rating. Hoistway should be clear and plumb with variations not to exceed 1/2" at any point.
4. Elevator hoistways shall have barricades, as required.
5. Install bevel guards at 75° on all recesses, projections or setbacks over 2" (4" for A17.1 2000 areas) except for loading or unloading.
6. Provide rail bracket supports at pit, each floor and roof. For guide rail bracket supports, provide divider beams between hoistway at each floor and roof.
7. Pit floor shall be level and free of debris. Reinforce dry pit to sustain normal vertical forces from rails and buffers.
8. Where pit access is by means of the lowest hoistway entrance, a vertical ladder of non-combustible material extending 42" minimum, (48" minimum for A17.1-2000 areas) shall be provided at the same height, above sill of access door or handgrips.
9. Machine room to be enclosed and protected.
10. Machine Room temperature must be maintained between 55° and 90° F.
11. If machine room is remote from the elevator hoistway, clear access must be available above the ceiling or metal/concrete raceways in floor for oil line and wiring duct from machine room.
12. Access to the machinery space and machine room must be in accordance with the governing authority or code.
13. Provide an 8" x 16" cutout through machine room wall, for oil line and wiring duct, coordinated with elevator contractor at the building site.
14. All wire and conduit should run remote from either the hoistways or the machine room.
15. When heat, smoke or combustion sensing devices are required, connect to elevator machine room terminals. Contacts on the sensors should be sided for 120 volt D.C.
16. Install and furnish finished flooring in elevator cab.
17. Finished floors and entrance walls are not to be constructed until after sills and door frames are in place. Consult elevator contractor for rough opening size. The general contractor shall supply the drywall framing so that the wall fire resistance rating is maintained, when drywall construction is used.
18. Where sheet rock or drywall construction is used for front walls, it shall be of sufficient strength to maintain the doors in true lateral alignment. Drywall contractor to coordinate with elevator contractor.
19. Before erection of rough walls and doors; erect hoistway sills, headers, and frames. After rough walls are finished; erect fascias and toe guards. Set sill level and slightly above finished floor at landings.
20. To maintain legal fire rating (masonry construction), door frames are to be anchored to walls and properly grouted in place.
21. The elevator wall shall interface with the hoistway entrance assembly and be in strict compliance with the elevator contractor's requirements.
22. General Contractor shall fill and grout around entrances, as required.
23. Elevator sill supports shall be provided at each opening.
24. All walls and sill supports must be plumb where openings occur.
25. For applications with jack hole, free and clear access to the elevator pit area for the jack hole-drilling rig is required.
26. Locate a light fixture and convenience outlet in pit with switch located adjacent to the access door.
27. A light switch and fused disconnect switch for each elevator should be located inside the machine room adjacent to the door, where practical, per the National Electrical Code (NFPA No. 70).\*\*
28. As indicated by elevator contractor, provide a light outlet for each elevator, in center of hoistway (or in the machine room).
29. For signal systems and power operated door: provide ground and branch wiring circuits, including main line switch. For car light and fan: provide a feeder and branch wiring circuits, including main line switch.
30. Wall thickness may increase when fixtures are mounted in drywall. These requirements must be coordinated between the general contractor and the elevator contractor.
31. Provide supports, patching and recesses to accommodate hall button boxes, signal fixtures, etc..
32. Locate telephone and convenience outlet on control panel.

- \* Refer to elevator layout drawings for details of each requirement.  
\*\* Safety Code for Elevators and Escalators.  
\*\*\* National Fire Protection Code.

All illustrations and specifications are based on information in effect at time of publication approval. ThyssenKrupp Elevator reserves the right to change specifications or design and to discontinue items without prior notice or obligation.

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