

STRETCHER AND FIRE SERVICE ELEVATORS

TK Elevator has got you covered in medical emergencies

It's important to understand stretcher and Fire Service Access Elevator (FSAE) requirements when planning and designing buildings. This helps ensure you select the correct elevators.

Stretcher Requirements

International Building Code (IBC) section 3002.4 requires at least one elevator to accommodate an open ambulance stretcher if the building has four or more stories.

This ensures emergency personnel can safely and efficiently evacuate passengers in medical emergencies. The elevator must be easily identified by the "Star of Life" – the international symbol for emergency medical services.

We offer standard elevator cab configurations in full compliance with IBC guidelines, along with the emergency medical services symbol.



Star of Life signage

Star of Life signs are available; contact your sales representative.

Fire service access elevator requirements

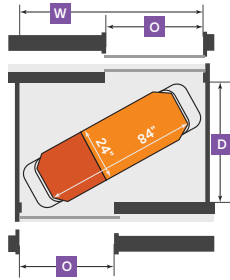
With taller buildings, IBC section 403.6 requires two stretcher-capable elevators with 3500 lbs capacity or greater. This requirement goes into effect when an occupied floor is at least 120 feet above the street or fire truck-access level.



TK Elevator cab configurations designed for stretchers

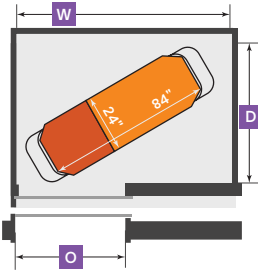
IBC section 3002.4 requires buildings of four or more stories to have an elevator that accommodates a 24" x 84" open stretcher in the horizontal position, with no less than five-inch radius corners. We offer elevator cab configurations that meet these requirements, with options for five-inch radius corners.

Configuration A



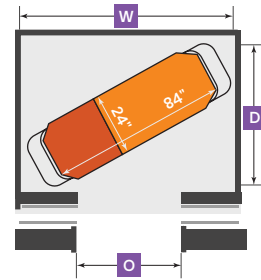
Front and rear – side slide opening
(Opposite of shown is available)

Configuration B



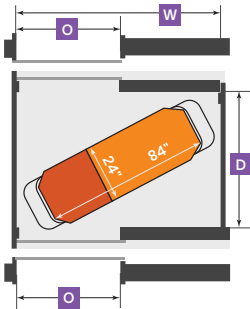
Front only – side slide opening
(Opposite of shown is available)

Configuration C



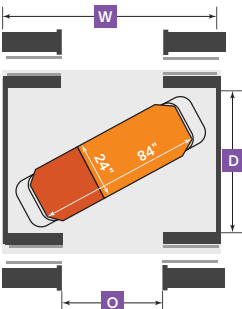
Front only – center opening

Configuration D



Front and rear – side slide opening
(Opposite of shown is available)

Configuration E



Front and rear – center opening

Stretcher-compliant cab specifications

Capacity	Front/Rear Doors	Inside Cab Dimension WxD	Door Opening Size O	Cab Configuration	FSAE Compliant
2500*	F/R	6'-8" x 4'-3½"	42" side slide (staggered)	A	No
3000	F	6'-8" x 4'-9"	42" side slide	B	No
3000	F/R	6'-8" x 4'-9½"	42" side slide (staggered)	A	No
3500	F	6'-8" x 5'-5"	42" side slide	B	Yes
3500	F/R	6'-8" x 5'-5½"	42" side slide (staggered)	A	Yes
4000	F	7'-8" x 5'-5"	42" side slide	B	Yes
4000	F	7'-8" x 5'-5"	48" center opening	C	Yes
4000	F/R	7'-8" x 5'-5½"	42" side slide	A, D	Yes
4000	F/R	7'-8" x 5'-5½"	48" center opening	E	Yes

* 2500 lbs front and rear cab type limited to steel shell, laminate and applied panel with ½" thick nonremovable wall panels with ADA shell

Local jurisdictions vary on number of stories and car sizes; for details, please contact your local sales representative or visit <https://www.tkelevator.com/us>