



Apex WalkIn MRI

The first walk-in MRI trailer.

Modular Access. Mobile Freedom. Step-Free Entry.



At a glance

Patient entry

10" from the ground, step-free

Entrance doors

Double sliding, 52" clear opening

Internal ceiling

110"

Overall

57' x 8.5' x 13.5', four rooms

Transport

Standard truck. No crane, no foundation, no building permit.

Magnet

Stays on field between locations.

Programs

Design & Production. Sales. Rental.

A 10" step-free entrance with double sliding doors. Patients walk in, wheelchairs and stretchers roll in, and there is no lift cycle at all.

THE IDEA

Bring the floor down to the patient.

A conventional mobile MRI trailer puts its floor about 60 inches above the ground. Every patient who cannot climb stairs has to be lifted — a wheelchair lift or a stretcher lift, a cycle that takes time, takes staff, and is uncomfortable for the person being scanned.

Apex applied the low-floor principle used by city buses to a diagnostic imaging trailer. The entrance sits 10 inches from the ground, with double sliding doors and a 52-inch clear opening. Patients walk in. Wheelchairs and stretchers roll straight in. There is no wheelchair lift, no stretcher lift, and no lift cycle — so the trailer is quicker to load and easier to staff.

Apex WalkIn MRI entry 10" from the ground Step-free, double sliding doors, 52" clear opening.	Conventional trailer entry 55" – 60" off the ground Single 41" door, plus a patient lift and a roll door.	The difference About 50 inches Removed from every single patient transfer.
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What changes on site

- No wheelchair lift, no stretcher lift, no lift cycle.
- Travels on a standard truck — no crane, no poured foundation, no building permit.
- Deployed in days, on a level surface.
- The magnet stays on field between locations, so there is no ramp-down and ramp-up cycle when it moves.



The Apex WalkIn MRI on site, entrance side.

FEATURES

Where it earns its place.

Nine things the walk-in platform changes about running a mobile imaging service.

No lift Patients and stretchers roll in No wheelchair lift, no stretcher lift, no lift cycle.	Standard truck No specialised transport No oversize transport permit required.	No crane Nothing to lift into place No counterweights, no crane pad, no lift plan.
No foundation A level surface is enough No poured pad and no groundwork permit.	Days, not months Deployment measured in days Position, connect, commission, scan.	Magnet on field Stays on field in transit No ramp-down and ramp-up cycle when it moves.
Shore power 75 ft cable on a reel Remote-controlled spooling with a drip pan underneath.	On-board water Sink with hot and cold water Supply and wastewater tanks on board — no site plumbing.	Easy relocation Move it when demand moves Same standard truck, same level surface, same days.

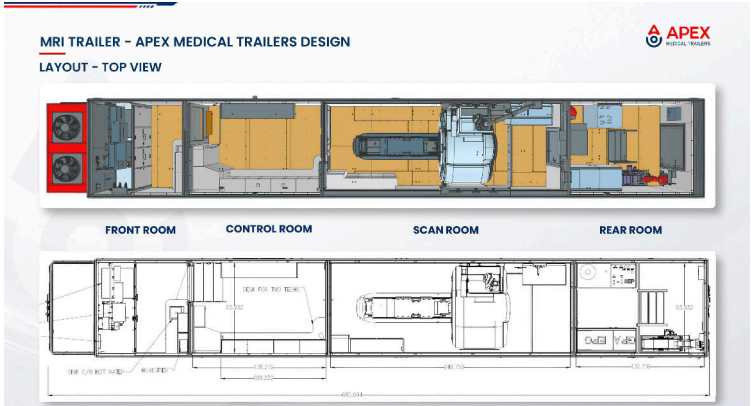


The step-free entrance with the double sliding doors open.

LAYOUT

Inside the trailer.

Four rooms across 57 feet, with a 110-inch internal ceiling and a 92.5-inch scan room.



Left: the scan room. Right: the top-view layout with all four rooms.

Front room • Electrical section: transformers, breakers, control panel, automatic transfer switch, batteries • Staff area and cabinets • Sink with hot and cold water • Humidifier • Supply and wastewater tanks, pumps and heater	Control room • Full glass RF door — the first trailer to feature one • Glass sliding entrance doors bringing daylight in while keeping patient privacy • Changing area with bench, privacy curtain and secure storage • Storage cabinets, with overhead cabinets housing scanner, data and phone equipment • Monitoring and alarms: HVAC, fire system, trailer status, CCTV and shock monitoring
Scan room • Cabinets for coil, phantom and accessory storage • Transport bracket and wiring for a contrast injector • LED skylights with RGB perimeter lighting • Roof hatch for future MRI replacement	Rear technical room • MRI electrical cabinets, filter panel and rear entry to the scan room • MRI cooling cabinet and MRI UPS • Fire suppression tank and fire panel • Shock logger alarm • Hospital connections: phone, data, fire, code blue and code red • Shore power plug, cable reel and cable entry flap

SPECIFICATIONS

The unit, in numbers.

Overall dimensions 57' x 8.5' x 13.5'	Patient entry 10" from the ground	Entrance doors Double sliding, 52" clear opening
Internal ceiling height 110"	Scan room width 92.5"	Layout Four rooms
On-board water Sink with hot and cold water	Shore power 75 ft cable on a reel	Electrical 600V to 480V on board

Interior, against a conventional trailer

Feature	Apex Walkin MRI	Conventional trailer
Ceiling height	110"	89" – 91"
MRI room width	92.5"	87"
Patient comfort	Spacious scan environment with a complete ceiling throughout the room	More enclosed scan environment; the ceiling ends where the MRI begins
MRI service	All service can be completed without opening a roof hatch	Some service procedures require opening a roof hatch
Patient entry	Step-free near-ground entry, no lift required	55" – 60" off the ground; single door 41" wide plus a patient lift and roll door



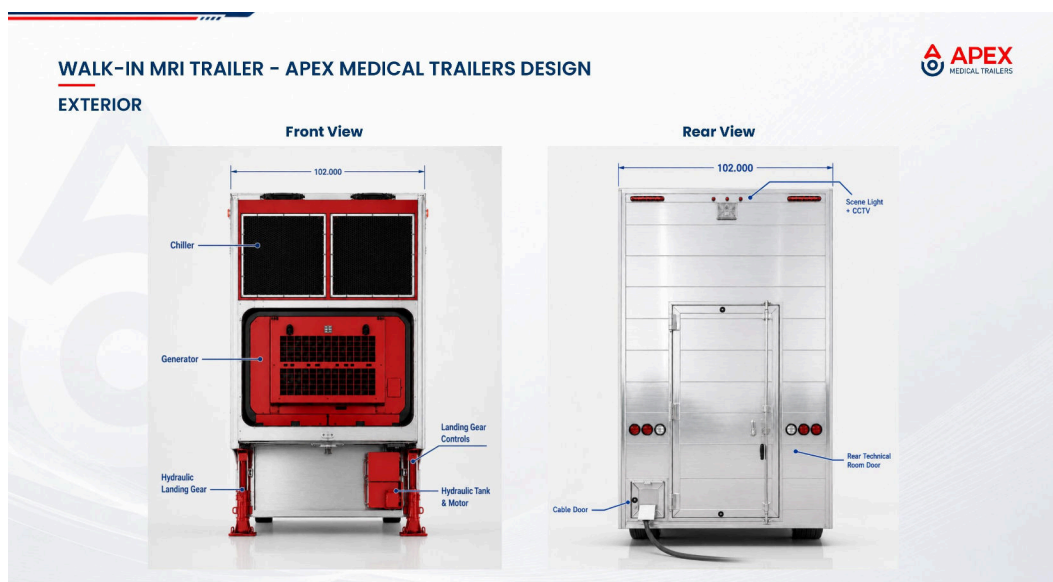
The scan room, looking toward the bore.

COMPARISON

Against the other formats.

How the walk-in trailer compares with a conventional trailer, a modular unit and a hybrid/modular unit.

Requirement	Apex WalkIn MRI	Conventional trailer	Modular	Hybrid / modular
Transport permit	None	None	Oversize permit required	Oversize permit required
Transport method	Standard truck	Standard truck	Specialized flatbed	Specialized flatbed
Crane	Not required	Not required	Crane required	Not required — self-loading
Pad or foundation	Level surface	Level surface	Foundation or pad — permit likely	Foundation or pad — permit likely
Magnet in transport	On field	On field	May need ramp-down or removal	May need ramp-down or removal
Entry height	Near-ground, no lift required	54" off the ground; lift and stairs	Near-ground, 10" – 15"	Near-ground, 10" – 15"
Internal ceiling	110"	89" – 91"	95"	95"
Serviceability	Higher ceiling and layout allow improved access	Restricted by layout, height and width	Hospital equivalent	Hospital equivalent
Site maneuvering	Trailer and truck positioning	Trailer and truck positioning	Truck, trailer, crane and counterweights	Trailer and truck positioning



Front and rear views, with dimensions.

SYSTEMS

Power, cable reel and transport.

Point	Apex WalkIn MRI	Other trailers
Where the equipment lives	Inside the front room, in a separate section	In a belly compartment underneath the trailer body
Service access	From the control room — indoor service, easy access	Only from outside; crouching, exposed to the weather
Canadian power	On-board 600V to 480V transformer; the site provides a 600V plug and disconnect panel	No room for the transformer; each site buys a standalone 600V to 480V unit
Operating voltage	Operates from both 600V and 480V	480V only

Apex cable reel

- Remote-controlled spooling
- Manual unspooling with adjustable tension
- Cable and plug securely stowed during transport
- Drip pan underneath the reel

Conventional handling

- Manual pulling out and stowing of a heavy cable with a large plug
- Rubbing on belly door edges damages rubber gaskets over time
- Cable and plug stowed loose in the belly compartment
- Grime, snow and water from the cable enter the belly compartment

MRI TRAILER – APEX MEDICAL TRAILERS DESIGN

CABLE REEL



Cable reel for convenient storage of 75 ft long shore power cable

- Remote-controlled spooling
- Manual unspooling with adjustable tension
- Cable with plug is securely stowed during transport
- Drip pan underneath cable reel

VS



75ft long shore cable is stored loose in the belly compartment

- Manual pulling out and stowing of heavy cable with large plug
- Rubbing on edge of belly doors damages rubber gaskets over time
- Cable with plug stowed loose in the belly compartment
- Grime, snow and water from cable goes into belly compartment

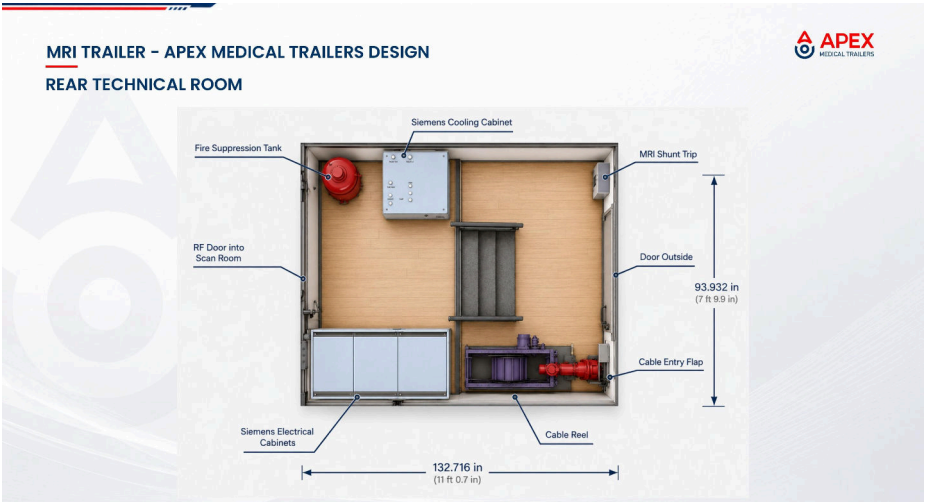
The shore power cable on its 75 ft reel, behind its own door.

TRANSPORT

Transport status panel.

A single panel on the trailer reports whether the unit is ready to move and ready to scan.

Run flat engaged On when the tires are automatically inflating or deflating.	Transport ready Green when all doors are closed, suspension is at ride height and pressure is OK.	MRI ready Green when the air bladder compressor is on.
MRI cooling OK Green when the cooling cabinet reports no errors and cryo is working.	Batteries charging Green when the 12V battery system is charging.	Fuel level OK Green when fuel level is OK.
Low brake pressure Red on low brake pressure.	Shore power connected Green when the 75 ft shore power cable is plugged in and the site supply is live.	Cable reel stowed Green when the shore power cable is fully reeled in and stowed for transport.



The rear technical room.

PROGRAMS

How to work with us.

Design & Production Built to your specification Engineering and build in Toronto, Ontario, around the scanner your team specifies.	Purchase Own the unit The same walk-in platform, delivered on a standard truck and commissioned on site.	Rental Bridge or seasonal capacity Cover a refit, a backlog or a peak, and relocate when demand moves.
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Pricing is quoted per project. Nothing in this brochure is a price or an offer.

COMING NEXT

The WalkIn family.

Apex WalkIn MRI Available now The first walk-in MRI trailer, built in Toronto, Ontario.	Apex WalkIn CT Coming soon The same walk-in platform, configured for CT.	Apex WalkIn PET-CT Coming soon The same walk-in platform, configured for PET-CT.
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Talk to us directly.

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