



Portable Wheelchair Boarding Lift
for Railway Stations &
Public Infrastructure

MAKE IN INDIA

Portable Wheelchair Boarding Lift | Railway Stations & Public Infrastructure

Sahaj Lift is a purpose-built, portable wheelchair boarding lift designed to provide safe, dignified, and reliable access for specially abled passengers and senior citizens at railway stations and public infrastructure across India.

Designed and manufactured by **Kamgar Engineering Works India Pvt Ltd, Mumbai**, Sahaj Lift requires no electrical power — it is operated entirely by a manual hand crank, making it dependable in all conditions and easy to maintain. It is fully mobile, mounted on lockable caster wheels, and stored at the platform until needed.

"Accessibility should never be an afterthought."

No Electricity	1 ft Positioning Gap	6" Ramp Engagement	4 Locking Wheels
Hand-crank operated works anywhere	Safe distance from train during setup	Ramp bridges into train coach securely	Fully mobile — stores away when not in use

First Installation — CSMT Mumbai

Parameter	Detail
Location	Chhatrapati Shivaji Maharaj Terminus (CSMT), Mumbai
Operator	Central Railway / Indian Railways
Status	Successfully Installed and Operational
Beneficiaries	Wheelchair users, specially abled persons, senior citizens

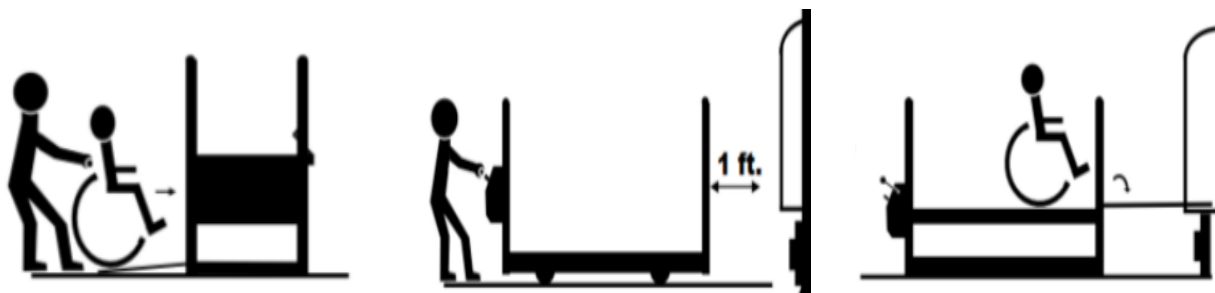
Technical Specifications

Parameter	Specification
Product Name	Sahaj Lift — Portable Wheelchair Boarding Lift
Manufacturer	Kamgar Engineering Works India Pvt Ltd, Mumbai
Country of Origin	India — Make in India
Type	Portable, Mobile, Manually-Operated Wheelchair Boarding Lift
Drive / Lift System	Manual hand crank (Handle lever / Crank) — no electricity required
Height Adjustment	Clockwise rotation to raise; anti-clockwise to lower
Mobility	4 heavy-duty lockable caster wheels

Wheel Locking	Individual brake lock on each caster wheel
Safety Lever	UP / DOWN locking lever — locks platform before operation
Access Ramp	Folding ramp — deploys to ground or extends into train
Ramp Engagement	Minimum 6 inches into train coach for secure boarding
Positioning Gap	1 foot clearance maintained from train during setup
Frame / Structure	Heavy-duty welded steel, yellow powder-coat finish
Operation Mode	Attendant-operated (railway staff / RPF personnel)
Power Requirement	None — fully manual operation
Standards	As per applicable Indian Railway / BIS requirements
Warranty	To be specified — contact Kamgar Engineering Works

Note: Dimensions, load capacity, and platform size provided on request. Contact us for a detailed technical proposal tailored to your site.

How It Works — Operation Steps



Step 1: Passenger boards lift via folding ramp at ground level	Step 2: Staff wheel lift to train (1 ft positioning gap maintained)	Step 3: Crank raised to train height Ramp extended 6" into coach
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Staff set the locking lever to **UP**, turn the hand crank clockwise to raise the platform to the train floor level, extend the ramp into the coach, and assist the passenger aboard. After boarding, the ramp is raised, the lever set to **DOWN**, and the platform lowered. The lift is then wheeled to its storage position.

Product Details



UP / DOWN safety locking lever — must be set to UP before raising platform



Lockable castor wheels — brake locks on all 4 wheels for stable operation

Key Features

✓ Manual hand-crank — no electricity required	✓ Fully mobile on 4 lockable castor wheels
✓ UP / DOWN safety locking lever	✓ Folding access ramp (ground & train modes)
✓ 6-inch ramp engagement into train coach	✓ 1-foot safe positioning gap from train
✓ Heavy-duty welded steel construction	✓ Yellow powder-coat weather-resistant finish
✓ Attendant-operated — minimal training needed	✓ No power infrastructure required
✓ Compact storage when not in use	✓ Made in India — locally serviceable

Applications

■ Railway Stations	■ Metro Stations	■ Foot Over Bridges
✈ Airports	■ Hospitals	■ Government Buildings
■ Temples & Sites	■ Public Infrastructure	■ Senior Citizen Facilities

Contact & Enquiry

Contact	Details
Company	Kamgar Engineering Works India Pvt Ltd
Location	Mumbai, Maharashtra, India

WhatsApp	+91 99206 10206
Website	www.kamgar.in
Enquiry	www.kamgar.in/Sahajlift

Sahaj Lift — Supporting Every Journey | Making India's public infrastructure accessible for all | Made in India