

X12 VERTICAL PLATFORM LIFT SYSTEMS

INVALIFTS LTD.

GENERAL

110 VERTICAL PLATFORM LIFT SYSTEM: Service Lift/ Dumbwaiter (100Kg)

- System supplier: Invalifts Limited. 6 Falcon Park, Tame Valley Ind.Est. Tamworth, Staffs B77 5DQ. Tel:0845 468 2543 Fax:0845 006 1275 sales@invalifts.com
- Number of levels served (including lowest): 6 maximum.
- Arrangement: Free standing, self supporting structure- support walls are not required.
- Lubrication: Manual
- Capacity: 100Kg
- Speed: 0.40m/s.
- Drive type: Traction
- Machine room: Integral.
- Pit: not required
- Lighting: car lighting optional

- **Controls:**
- Operational: Call and send buttons from landing.

SYSTEM PERFORMANCE

210 DESIGN:

- Design: Enclosed vertical platform lift system. Cladding to be done by others.
- User group: Goods only
- Environment: Internal or external with a separate Kingspan waterproof enclosure.

220 SYSTEM PERFORMANCE:

- CE Marked in accordance with the Revised Machinery Directive (2006/42/EC)
- Rated load: 100KG (50KG available)
- Rated speed (maximum): 0.40m/s.

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PRODUCTS

310 PRODUCTS GENERALLY:

- Standard: Machinery Directive

350 LIFTING PLATFORM:

- **Car dimensions:**
- Width: 835 mm. (other sizes available)
- Depth: 800 mm. (other sizes available)
- Height: 800 mm

351 LIFTING ENCLOSURE:

- Width: 1100 mm for top drive (1250mm for bottom drive option)
- Depth: 980 mm
- Sill height: 800mm
- Headroom Height: 2700 mm above FFL on top floor (top drive). 2125mm bottom drive
- Construction: Welded and bolted steel modular units
- Lighting: None
- Fire rating: None (fire rated cladding by others)

370 DOORS TO LANDINGS:

- Arrangement: Front only (other arrangements available with different dimensions)
- Clear width opening: 800mm
- Height: 800 mm.
- Door frame: Integral to shaft enclosure
- Finishes: Door and frames grade 304 stainless steel with brush 240 grit finish
- Fire rating: 4 hour fire rated doors
- Door operation: Manual opening electrically and mechanically interlocked.
- Opening: Rise and fall shutters

400 POWER:

- Supply: 415V, 3 phase, 50Hz supply (single phase option)
- Type and location: Lockable isolator

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410 SECONDARY POWER:

- None

420 LIGHTING:

- Car lighting optional

430 OPERATIONAL CONTROLS:

- Control system: Microprocessor
- Operation: Call and send buttons on landings
- Communication: Intercom option.

440 EMERGENCY CONTROLS:

- Safety gear (when required by regulators)

450 ACCESS CONTROLS:

- Type: Self locking key locks.

460 SIGNS AND NOTICES:

- As per regulations.

EXECUTION

620 INSTALLATION GENERALLY:

- By installation team of 2

COMPLETION

910 TESTING AND COMMISSIONING:

- Standards: Machinery Directive
- Operational tests: Weight/load test
- Test certificate: 1 hard copy and 1 electronic copy on CD

920 ELECTRICAL INSPECTION AND TESTING:

- Electrical inspection and testing: Machinery Directive & manufacturers Recommendations

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930 NOTICES AND INSTRUCTIONS:

- Standard: As per regulations.
- Single line diagrams: In user's Manual
- Maintenance instructions: To Machinery Directive.

935 EQUIPMENT LABELLING:

- Switches, controls, enclosures and terminations: Clearly and indelibly label describing their purpose. Identify the off position.

970 DOCUMENTATION:

- Operation and maintenance instructions: Yes.
- Record drawings: Yes.
- Certificates: Yes.
- Number of copies: 2.
- Instruction manual: Yes.
- Number of copies: 2.
- Content: Drawings and diagrams necessary for normal use of the lift, emergency use, rescue, maintenance, repair and periodic checking.
- Log book: Individual for each lift.

975 TRAINING

- Timing: At time of installation
- Scope to include:
 - Daily operation
 - Cleaning and daily care
 - Emergency passenger release procedure

980 MAINTENANCE:

- Servicing and maintenance: Optional
- Duration: Minimum 2 per annum