



WALL-MAN

Improved safety. Increased production efficiency.
Enhanced working environment.

Pneumatically operated access platform for use in paint spraybooths and preparation areas

- Improved safety
- Better work access
- Efficient work positions
- Better access improves quality and paint transfer efficiencies
- Low air consumption, proven design in use worldwide
- Reduces operator strain and fatigue
- Controls and air supply point in the cage
- Keeps work areas clear off obstructions
- Durable, reliable, requires minimal maintenance



PNEUMATIC ACCESS PLATFORM





WALL-MAN

specification:

Construction:	Welded steel	
Finish:	Platform and mast:	Two-pack paint RAL 5015
	Rails and brackets:	Primer for on site-finishing
Max. payload:	150kg (1 man + equipment)	
Dimensions:	Wall to front of platform (retraced)	1.120mm
	Wall to front of platform (extended)	2.120mm
	Floor height (raised)	3.275mm
	Platform width	900mm
	Height to top of upper rail	4.170mm
Non standard models:	Dimentional variations within the limits can be accomodated to suit particular applications and site requirements.	
Controls:	In cage:	Up/down; left/right; in/out
	At ground level:	Up/down
Compressed air requirements:	Min. 6 bar, min. 350ltr./min. Air is supplied to the platforms via hoses and selv-retracting reels. A compressed air outlet for sprayguns provided in the cage. IMPORTAINT: Use only filtered and dried air!	
Outward movement:	Model 500/100:	500mm powered and 500mm manual
	Model 1000/100:	1.000mm powered
Installation:	The Wall-Man platform system is suspended from the rails attached to the booth and high level. The bottom guide weels run on a flat strip or rail at the base of the booth walls and exert only horizontal forces. No contact to floor.	
Imposed loads:	(Standard Wall-Man at 150kg payload)	
	Upper rail, vertical load	420kg
	Upper rail, horizontal load	120kg
	Lower support wheels, vertical load	0kg
	Lower support wheels, horizontal load	120kg
Rail fixing:	Fixings for top rail are required at 2m intervals at approx. 4.1m height	
Spares and maintenance:	Pneumatic components are Norgren-Martonair and Atlas Copco. Other spares readily obtainable from manufacturer. Weekly operator checks and cleaning. Minimal maintenance at 6 monthly intervals.	
Approvals:	CE, TÜV, SAQ, UL, UTD, SZU, NATO, LOLER...	
Sales areas:	Europe, America, Australia, Asia, Africa.	





Why platforms?



Working efficiently

- No pushing of ladders
- No climbing on ladders and scaffold towers
- Compressed air outlet in the cage
- Working effectively
 - less strain
 - less fatigue
 - higher motivation
- Higher quality paint finish
- Higher paint transfer efficiency
- Less paint rectification work

Result: Confirmed time saving up to 20-30%

Working safely

- No climbing and balancing
- Both hands free for working
- Cage prevents accidents by falling
- Safe for use in flammable atmospheres
- No trailing hoses on the floor
- Approved internationally

Result: Less accidents and sick leave



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Operation & Maintenance

Operation

The Wall-Man is controlled by 3 levers in the cage:

Lever no. 1 controls lifting/lowering.
Lever no. 2 controls in/out movement of the cage.
Lever no. 3 controls driving along the wall.

Lever no. 4 The emergency valve on the mast is for lifting/ lowering from floor level.

Air outlet in cage for tools. Use of safety harness is required.



Maintenance

High temperatures in spray booths cause the lubricate to dry out and spray dust will adhere to the platform. This has to be removed to avoid leaks.



- **Weekly:**

1. Clean and lubricate piston rods
2. Check for leaks
3. Check of chain-slack device

- **6-monthly:**

1. Check/tighten all mech. connections
2. Vent and lubricate cylinders with little oil
3. Lubricate air motor with little oil

- **Annually:**

Main service conducted by authorised body.

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Drawing & Models

In/Out Movement

Model 500/100

Pneumatic	:	500	mm
Manually	:	500	mm
Total	:	1.000	mm

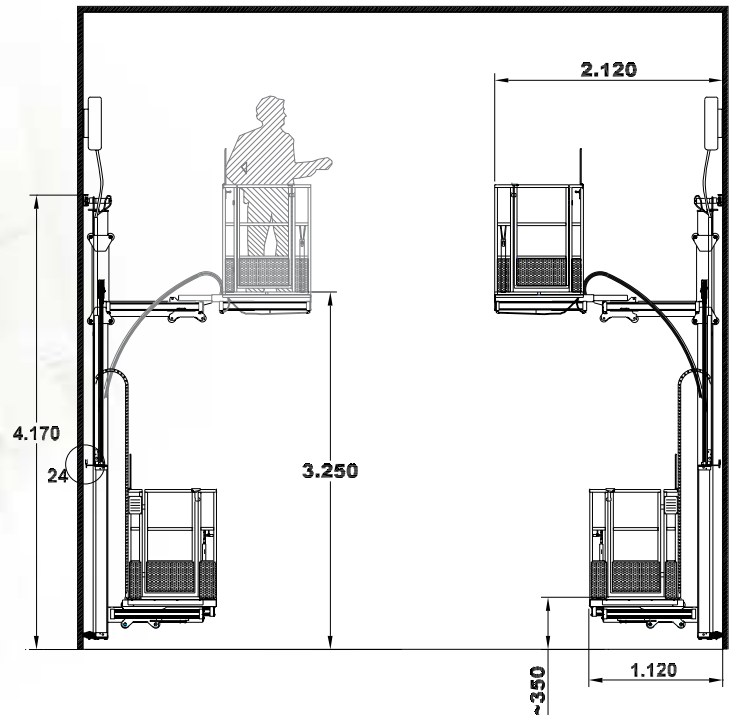
Model 1000/100

Pneumatic	:	1.000	mm
Manually	:	0	mm
Total	:	1.000	mm

All Models

Max. payload	:	150	kg
Working height	:	5- 5 1/2	m
Max. lifting speed	:	~10-12	cm/sec
Max. driving speed	:	~50	m/min

Net weight	:	~280	kg/pc
Air pressure	:	min. 6-8	bar
Air consumption (Driving/ Lifting)	:	~350	ltr/min



- Easy installation and upgrading for existing booths
- Space saving parking in upper position from floor level
- Compressed air is ready available and clean (no oil mist damaging the paint)
- International suppliers for original pneumatic spare parts world-wide
- Pneumatic parts are reliable, easily maintained and cheaper than hydraulic parts

PNEUMATIC ACCESS PLATFORM





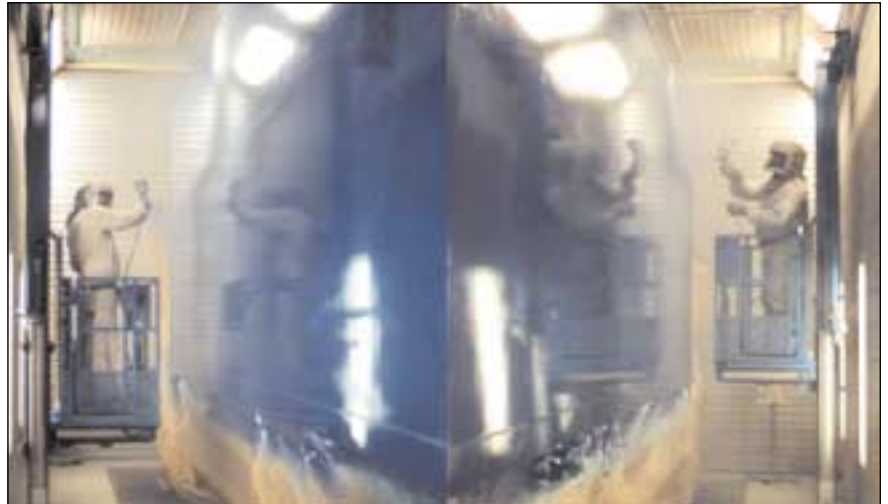
Adaptility

Small booth / oversize objects

The platforms can be constructed smaller.
Cage size and in-out movement are reduced.

Lights / obstacles on the wall

The mast can be set forward from the wall to create more space.
The rail remains mounted on the wall.
Space between platforms for objects is reduced.



High objects / low ceiling

The platforms can be adapted in height.
It is recommended that the lifting height is selected such that maintenance work such as filter changing is possible from the platform.

Dividing doors

Dividing doors can be passed with the Wall-Man.
Details on request.



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Installation

Rails

The rails are fixed every 2m with G-profile brackets. A standard Wall-Man, at max. payload (150kg = 1 person + tools), applies the following forces to the wall:

Upper rail:	horizontally:	120kg	vertically:	420kg
Lower support wheels:	horizontally:	120kg	vertically:	0kg



Air Supply

Compressed air is supplied via self-retracting hose reels. These can be placed on top of the mast or on the wall (ideally in the middle of the booth).



Installation

- Brackets and rails are fixed in correct height and welded together.
- Wall-Man (delivered ready assembled) is placed in rail and compressed air connected.
- Functional and load tests. Completion of documents.

Installation can be done by yourself. Installation time is around 2-4 days, depending on booth length. Installation has to be approved by authorised body.

Existing personal doors should be secured or equipped with warning systems to prevent accidents.

PNEUMATIC ACCESS PLATFORM





References

Installations by countries

Australia, Austria, Belarusia, Belgium, Brazil, Bulgaria, Canada, China, Cyprus, Czech Republik, Denmark, Egypt, Finland, France, Germany, Greece, Hungary, Ireland, Kasakstan, Lithuania, Luxemburg, Malaysia, Mexico, Netherlands, Norway, Poland, Russia, Saudi Arabia, Singapore, Spain, Sweden, Switzerland, United Kingdom, Uzbekistan.

Happy customers

ABB Industri, ABB Scandia, ABB Traction, ABB Transmit, Abro Catterick, ADTranz, Aeronautica, Airport Link, Alstom Train, Arabien Electro, Arbel Fauvet Rail, Aregarn, Arna Bruk, Arriva The Shires, B.O.D. Donnington, BAE Airbus, BAE Systems Eurofighter, BALÜ, Belarusia Railway, Bemo, Beulas, Blond Baudouin, Bombardier, BREFA, Brisbane Transport Workshops, Buch, Buskerud Karosseri, Bussbygg, BVG Berlin, Carroserifabriek Heering, Caterpillar, City Bus, CJ Montage/Scandia, Col McGrath, Componentpaint, Compaan, Cottbusverkehr, CPN, Cummins Engines, Dennis Eagle, Deutsche Bahn, Dietrich, DP Ostrawa, DP Zlin, Dronningborg Autolakkering, DSB, DSDC Aschurch, Duisburger Verkehrs AG, E.R.F., East Midlands Motorservices, Egypt Group of Industri (MAN), Elin, Elverum Videreg. Skole (school), Elvo Abe, Empl Fahrzeugwerk, English-Welsh-Scottish, Essener Verkehrs AG, Euro Daewoo, Euroboxen, Europaint, Evobus / Kässbohrer Setra, Faun, First Bus, Frank Mohn, Freiburger Verkehrs AG, Frontier Peterbilt, Garmat, GEC Alstom, Gehab, General Trailer, George Nolan, Go Ahead Group, Grazer Stadtwerke, GUG Effekt-Lack-System, GVB Amsterdam, Hampshire Body & Paint, Harms, HAVAG, Heil Europe, Hiab, Holmestrand Lakkering, Hong Kong Mass Transit, HSD Service, Hyoleg, Iarnrod, Igeno, Interconsult, Jema, John Deere, Joka, Jospin, Kalmar Lagab, Karosa, Kiesling Fahrzeugbau, Klima AG, Komatsu, Kowloon Bus, Kran + Stahlbau, Kutschke Fahrzeugbau, Linssen Yachts, Lithuanian State Railways, London Underground, Longmore Army Base, Lyngdal Karosseri, Malmø Trafik, MAN (Truck + Bus), MAN Steyr, Marshall SPV, Irizar, Mercedes Benz, Messrs. Ghabboun, Metso Minerals, Mono, MWB Fahrzeugtechnik, Måleriproduksjon, Nahverkehr Schwerin, Navistar, Neoplan, Nijwa, Nissan, NKF, Norba, Nor-Slep, NSB, Närko, Närpes Trä & Metall, Oslo Sporveier, Outokumpu, Peecon, Plymouth Citybus, Pohjois-Savon Ammatillisen Koulutuksen, RAF, Railcare, Renault, RFS Doncaster, Rieber Thorsen Bergen, Rijan Erhverv, RM Lack, Robert Wright, Rolls Royce Marine, Rostocker Verkehrs AG, Roy Humphrey, Royal Post Paint Dep., Salzburger Verkehrsbetriebe, Sandvik Tamrock, S-Bahn Berlin, SC Coachworks, Scania Vest, Schwarzmüller, Sefo, Servizio Militar, Singapore Land Transport, SJV, Sket, Skotterud, Spier Fahrzeugwerk, Spijkergroup, Stagecoach, Stat. Hochbauamt, Ste. Bennes/Dalby, Stil, Stockholms Lokaltrafik, System Instandhaltung, Säffle Karosserie, Tammer Neon, TFM, Thrall Europa, TICE, Transbus Alexander, Translink, Trent Buses, Turbo's Hoet, Ulstein Bergen, VBK, Vest Karosseri, Viessmann, Volvo, VR Hyvinkää Konepaja, Warsteiner, Wessex Traincare, Westrum, Wilken Nutzfahrzeuge, Wilson, Winterthur Farhzeugbau, Wist, WME Excavator, Üstra, ÖBB, Ømi, Aabenraa Karosseri, Åkermans, **and many more ...**





Warranty

Reglo AS provides its machines with a 12-monthly warranty covering fabrication faults and parts under the following conditions

1. The machines are warranted for a 12 month period from delivery date.
2. By installation, installation control, training and maintenance conducted by Reglo-authorized body, the warranty period is prolonged to 24 months.
3. When claiming under warranty the serial number of the machine is to be stated.
4. Under warranty all repairs are carried out at the manufacturer's works or at authorized service centres. The machine must be delivered and returned at the user's cost and risk. For warranty repairs carried out at the user's address, costs of travelling, board and lodging will be charged at cost. Repair time and spare parts are covered by the warranty.
5. The manufacturer disclaims all responsibility for any damage that may be caused, directly or indirectly, by misuse of the equipment or failure to carry out maintenance as specified in the documentation supplied. All operators/users and maintenance staff must be trained for the platforms.
6. The warranty does not cover:
 - a) Any damage on the wheels caused by wear.
 - b) Any parts which are damaged due to misuse, negligence or carelessness in use, lack of maintenance, repairs carried out by non-authorized personnel or damage caused by transport.
 - c) Any damage or failure not attributable to manufacturing or design fault.

And they still work without problems...





Approvals/ Certificates

