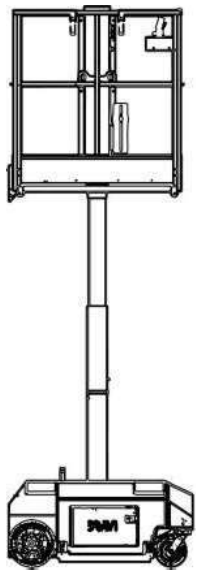


BRAVI

— PLATFORMS



THE ULTIMATE DRIVABLE PLATFORM

LEONARDO HD is the ultimate drivable lift platform: it is the only platform able to completely replace scaffoldings, ladders and traditional lifts on all trades on job sites with a height of up to 5mt, both in new constructions and renovation works.

One single piece of access equipment from start to finish all your trades on Institutional, Commercial and Health Care Building project





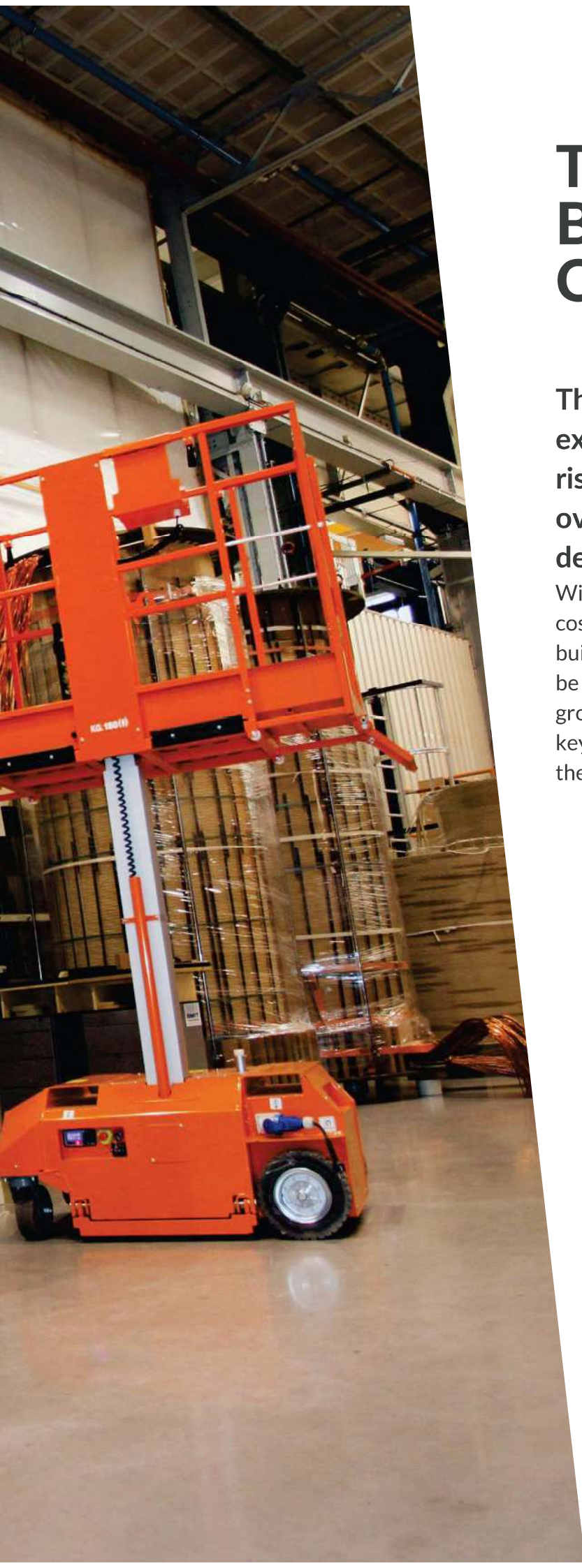
Used globally across a growing range of business sectors

- Mechanical, Electrical & Plumbing Contractors: Lighting, Heating/HVAC, Sprinkler, Decorations, Fit-out.
- Ceiling & Walls Contractor: Drop, Acoustic, Metal and Texture Ceiling; Plasterboard Partitions, Wall Molding and Covering; Drywall and Insulation.
- IT Services: Structured Cabling; Analog, Voice, and VOIP Data Cabling; Distributed Antenna Systems; Security camera and monitors
- Plumbing Contractors, Panelized Slab Formwork, Shuttering and striking, as well as reworking task and dismantling the shoring construction.
- Building maintenance: changing lights, hanging banners, laying bricks, pouring concrete, changing signs, accessing utilities, cleaning and many other tasks, even over fixtures and shelving.
- Renovation Contracting, Painting Contracting, Facilities Management



Growth hack your business with Bravi's intelligent approach to operational spaces.

Discover a multipurpose platform vehicle designed to tick all the boxes.



THE FUTURE BRINGS MORE COMPETITION

The construction industry is experiencing increasing competition, rising legal costs related to cost overruns and schedule delays, and decreasing profit margins..

With the cost of materials now the same for everyone, cost, quality and schedule are even more vital for any building company, not only to stay in business, but to be truly profitable. In this perspective, productivity growth and reduction in work related accidents are the key determinant of international competitiveness in the long term.

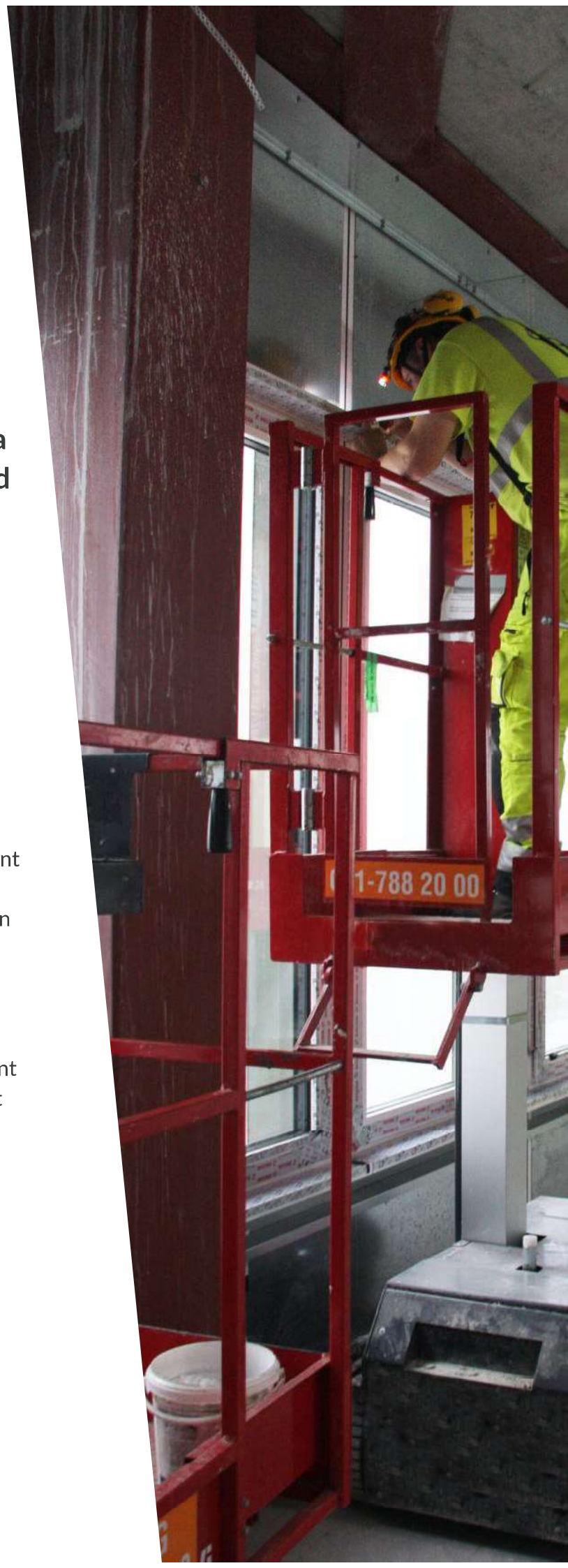
FALLS FROM LOW HEIGHT STATISTICS

According to the World Health Organization, globally, falls represent a major public health issue. An estimated 650 000 fatal falls occur each year, making it the second leading cause for deaths through unintentional injuries, after those caused by road accidents.

In the US alone, each year, there are more than 164 000 emergency room-treated injuries and 300 deaths that are caused by falls from ladders. These falls are the leading cause of death on construction sites, with most occurring under 10 feet heights.

By completely replacing non-self-propelled equipment on all trades in Institutional, Commercial and Health Care building projects, with the Leonardo HD you can effectively engage in preventive action meant to eliminate fall accidents at work and all the related socio-economic costs.

Contractors can finally put all push-around equipment away and create a more controlled environment that minimizes fall hazards while maximizing efficiency.





PRODUCTIVITY

Traditional scaffolding vs. the Leonardo HD

When compared with traditional methods such as non-self-propelled equipment, the Leonardo HD can allow the operator to drastically improve his productivity and double his output, safely and comfortably. The operator no longer wastes valuable energy climbing up ladders or manually moving the rolling scaffold and push-around lifts. A more productive work scenario coupled with less physical effort will serve as an incentive for most operators.

$$A + R_n + D + S_q M = X_h$$

A = Assembly

R_n = Repositioning

D = Dismantling

S_q M = Square M

X_h = Total hours

Non self propelled equipment (Traditional scaffolding)

Assembly = 30 min

Repositioning = 330 min - 110 R_n/100 S_q M

Dismantling = 10 min

Square M = 100 S_q M

Progress Work Time = 17.34 hours (work completed)

Total hours = 23.5 hours

Self propelled Leonardo HD

Assembly = 0 min

Repositioning = 25 min - 110 R_n/100 S_q M

Dismantling = 0 min

Square M = 100 S_q M

Progress Work Time = 12.59 hours (work completed)

Total hours = 13 hours



ONE SOLUTION, ENDLESS POSSIBILITIES.

Leonardo HD is extremely agile even in very congested construction projects and packed work environments. More units can be present on the jobsite than any other similar mast/scissor lifts, allowing operators to work independently and increase productivity.

It has an ultra-compact design, a low weight and spacious basket. It is not a single attribute that distinguishes the Leonardo HD, but rather the unique combination of key features that make it ideal for a higher number of applications than any other machine in its category.



Onboard drive

Zero Inside Turning Radius

Wheel lock system

Active pothole protection

Outstanding ground clearance

Proportional joystick (movement, ascent, descent)

Ergonomic design with rear lever enabling the functions, allowing for a comfortable, safe grip

Battery life and recharging

A fully-charged battery will travel a total of over 12 km.

The on-board machine battery charger system automatically stops charging when complete

Battery charge status indicator on board

Now available with optional AGM maintenance-free batteries

One man one platform

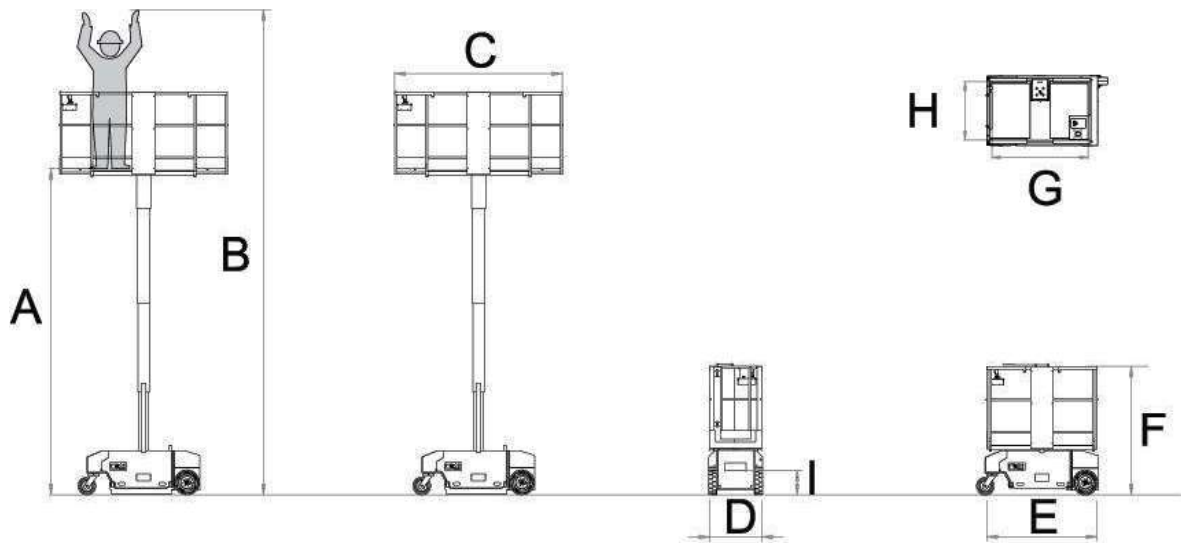
Compact footprint

More platforms on the same work production area whilst maintaining all health and safety standards

Materials can be loaded on the Leonardo HD due to its generous basket that allows you more room for tools and materials.



TECHNICAL DETAILS



Measurements

A	Platform Height	2900 mm	Unit Weight (CE)	510 kg
B	Working Height	4900 mm	Rated Number of Occupants (CE)	1
C	Platform Length W/ decks ext.	1710 mm	Drive Speed Stowed	3 km/h
D	Width	739 mm	Drive Speed Elevated	0,6 km/h
E	Base Length	1192 mm	Raise/Lower Speed	16 / 21 sec
F	Height Stowed	1747 mm	Inside Turning Radius	ZERO
G	Platform Length	1115 mm	Outside Turning Radius	1253 mm
H	Platform Width	680 mm	Controls	One hand proportional controller
I	Entry Step	400 mm	Gradeability	35%
	Ground Clearance - front	92 mm	Hydraulic System Capacity	5.3 gal
	Ground Clearance - middle	87 mm	Power Source	110/220 V ca 24Vcc
	Platform Capacity w/ decks ext.	180 kg	Batteries	n° 2 - 12V; 85Ah@20h

Leonardo HD
Outdoor Edition




555 kg - 1212 lbs

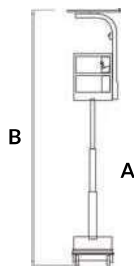
SOLO GYPS

Installing drywall is usually a two-man job. Solo Gyps allows one person to work independently, greatly simplifying the positioning of panels and saving manpower.

Solo Gyps eliminates manual drywall lift. It has a lightweight, electric powered track and detachable adjustable frame to hold and lift sheets. The setup of the device is tool-free and fast, and once the job is complete, you can easily remove it for storage.

Measurements

A	4200 mm
B	4900 mm
	45 kg
	40 kg
	Max. 3650 mm






SKYDECK PANEL HOLDER

The result of our R&D collaboration with Peri, it greatly simplifies the positioning of slab formwork panels.

The Skydeck Panel Holder allows the operator to work more efficiently when performing forming operations with a systematic assembly sequence. It eliminates most manual exertion and makes work safer, faster and more productive.

A lightweight and detachable accessory with a total weight of only 4.2 kg., it can hold a load weight of 16 kg.



Measurements	
Capacity	1
Panel  KG	16 kg
 KG	4.2 kg
	1500 x 750 x 120 mm
Max N° Holders	3







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