

# | Products Catalogue



# Three product families to fully meet any market requirement and provide versatile and innovative industrial goods-lifts.

UP

## One-column goods-lift for goods and attendant

- from 300 Kgs to 2500 Kgs
- travel up to 16 metres
- certified for transport of one operator on board (attended)

DL

## 2 and 4 columns goods-lift for goods and attendant

- from 3000 Kgs to 5000 Kgs
- travel up to 16 metres
- certified for transport of one operator on board (attended)

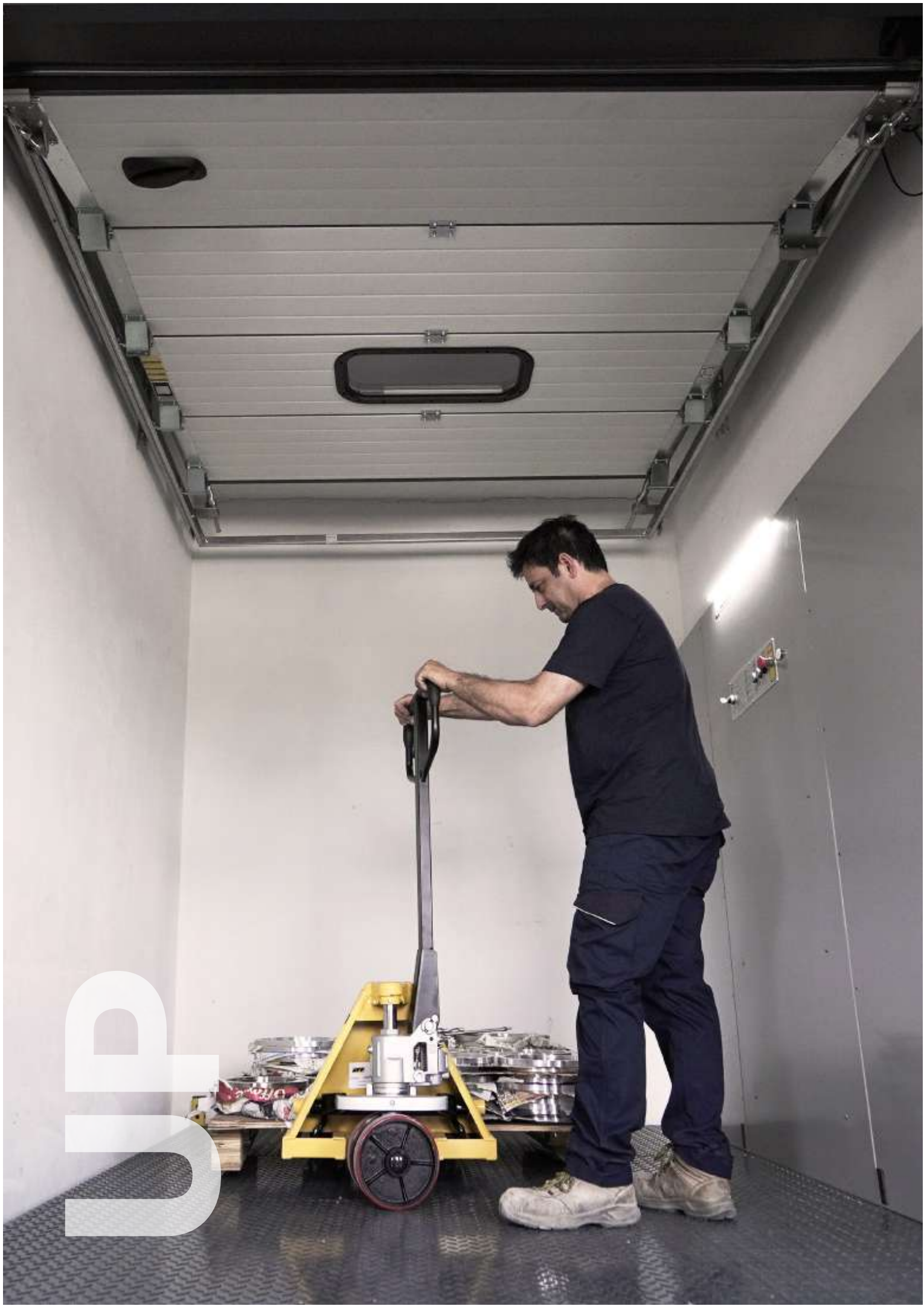
UPRT

## Goods-lifts with retractable roof that disappear underground

- from 300 Kgs to 2000 Kgs
- travel up to 16 metres
- certified for transport of one operator on board (attended)

### Applicable Regulation

All our goods-lifts comply with **Machinery Directive 2006/42/EC**. They also have the **EC type examination certificate** issued by a Notified Body.



# One-column hydraulic lifting system certified for transport of goods and one operator on board, with capacity ratings starting from 300 Kgs up to 2500 Kgs.

## UP for goods-only

It optimises the loading surface for the material only and is suitable for connecting several levels with operators at the floors. **Suitable to be used also in automated industrial plants.**

## UP SPB with operator on board

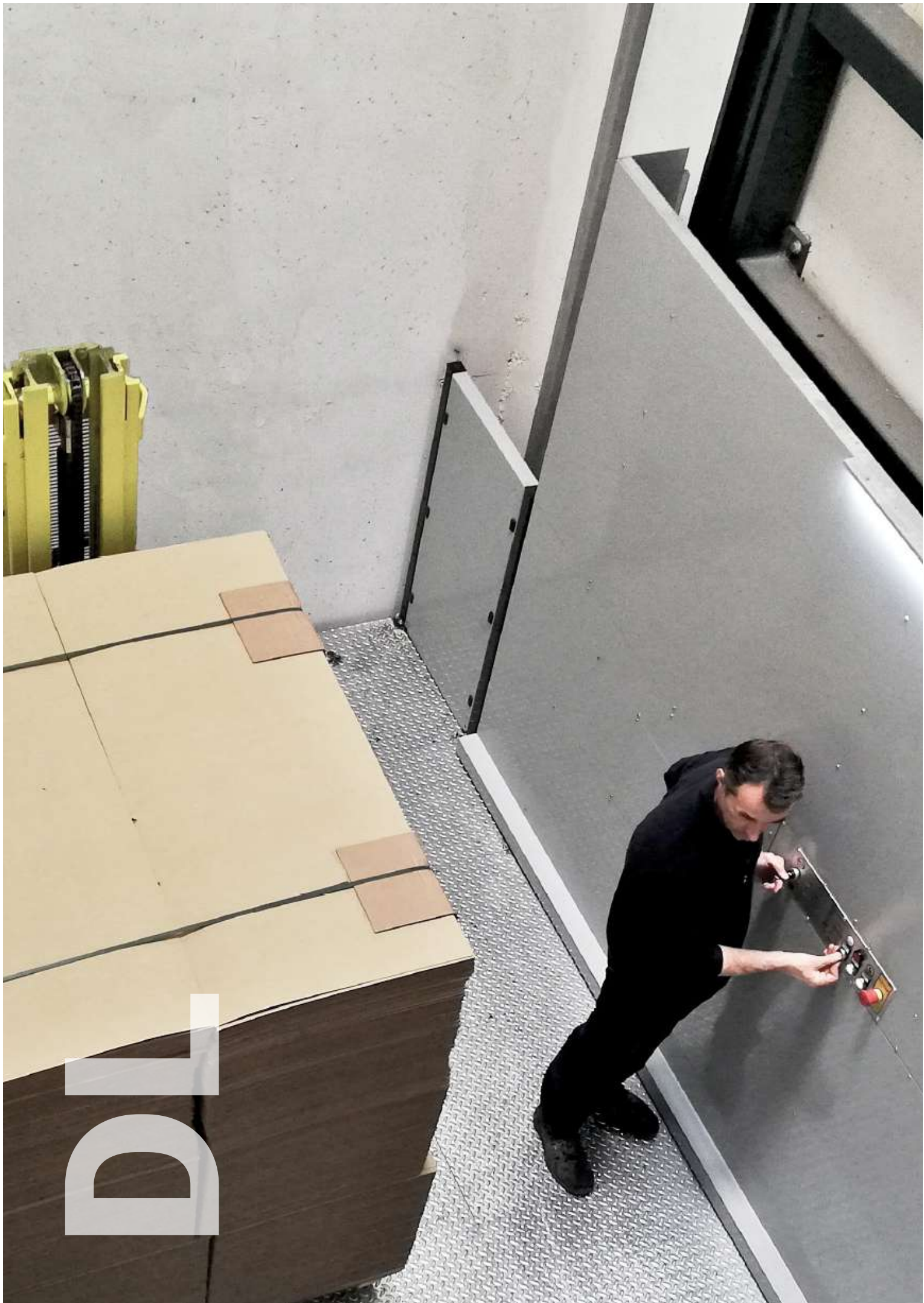
It allows the operator to **manoeuvre the system safely while on board.** Moreover, it permits to reduce the loading/unloading operations timings.

<b>UP3</b>	<b>UP6</b>	<b>UP10</b>	<b>UP15</b>	<b>UP20</b>	<b>UP25</b>
300 Kgs	600 Kgs	1000 Kgs	1500 Kgs	2000 Kgs	2500 Kgs

# UP - Models and main technical features

	<b>UP3</b>	<b>UP6</b>	<b>UP10</b>	<b>UP15</b>	<b>UP20</b>	<b>UP25</b>
Max capacity [Kgs]	300	600	1000	1500	2000	2500
<b>C</b> Max travel [m]	7	7	16	16	16	16
Number of stops	5	5	5	5	5	5
Accesses	1/2/3	1/2/3	1/2/3	1/2/3	1/2/3	1/2/3
<b>P</b> Platform depth [mm]	1300	1300	2000/2500	1700/1900	2000/2400	1800/2000
<b>L</b> Platform width [mm]	1700	1700	2800/2500	2500/1900	2800/2400	2500/2000
<b>F</b> Pit [mm]	120	120	150	150	250	250
<b>T</b> Min headroom [mm]	2150	2150	2150	2150	2150	2150
<b>J</b> Brackets distance [mm]	600	600	1000	1000	1000	1000
<b>S</b> Guide gauge [mm]	660	660	1000	1000	1000	1000
Fx Each cylinder load [kN]	12	18	30	35	40	45
Minimum speed [m/s]	0.10	0.10	0.10	0.10	0.10	0.10
Max speed [m/s]	0.15	0.15	0.15	0.15	0.15	0.15
Floor operation	Automatic	Automatic	Automatic	Automatic	Automatic	Automatic
On-board operation	Operator on board	Operator on board	Operator on board	Operator on board	Operator on board	Operator on board
Power supply	Single-phase	Single-phase	Three-phase	Three-phase	Three-phase	Three-phase
Switchboard	Pre-wired	Pre-wired	Pre-wired	Pre-wired	Pre-wired	Pre-wired
Clamping levelling device (standard)	1	1	2	2	2	2
Additional mechanical hooks (total)	3	3	4	4	4	4
Anchoring walls	1	1	1	1	1	1
Cylinder	1	1	1	1	1	1
Basic Motor [kW]	1.5	2.2	3	4	4	5.5
Hydraulic oil	Supplied ISO32	Supplied ISO32	Supplied ISO32	Supplied ISO32	Supplied ISO32	Supplied ISO32
Pipe length [mm]	4000	4000	4000	4000	4000	4000
Maximum working pressure [bar]	80	95/115	90/120/140	110/145/180	145/195	165





DL

# 2- and 4-columns hydraulic lifting system certified for the transport of goods and one operator on board, with capacity ratings from 3000 Kgs up to 5000 Kgs.

## DL for goods only

It optimises the loading surface for the material only and is suitable for connecting several levels with operators at the floors. Possibility to reach a **capacity up to 5000 Kgs or more.**

## DL SPB with operator on board

It allows the operator to **manoeuvre the system safely while on board.** Thanks to its platform robustness is **suitable to transport also a forklift truck and the operator.**

<b>DL2 Smart</b> 3000 Kgs	<b>DL2</b> 3000/4000 Kgs	<b>DL4</b> 4000/5000 Kgs
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# DL - Models and main technical features

	DL2 Smart	DL2		DL4	
Max capacity [Kgs]	3000	3000	4000	4000	5000
<b>C</b> Max travel [m]	16	16	16	16	16
Number of stops	5	5	5	5	5
Accesses	1/2/3	1/2/3	1/2/3	1/2/3	1/2/3
<b>P</b> Platform depth [mm]	2500	3000	2500	3000	3000
<b>L</b> Platform width [mm]	4500	6000	4500	6000	6000
<b>F</b> Pit [mm]	260	260	260	1150	1150
<b>T</b> Min headroom [mm]	2300	2300	2300	2300	2300
<b>J</b> Brackets distance [mm]	1000	1000	1000	1000	1000
<b>S</b> Guide gauge [mm]	2100	2900	2900	2500	2500
Fx Each cylinder load [kN]	38	40	48	25	30
Minimum speed [m/s]	0,10	0,10	0,10	0,10	0,10
Max speed [m/s]	0.15	0.15	0.15	0.15	0.15
Floor operation	Automatic	Automatic	Automatic	Automatic	Automatic
On-board operation	Operator on board	Operator on board	Operator on board	Operator on board	Not available
Power supply	Three-phase	Three-phase	Three-phase	Three-phase	Three-phase
Switchboard	Pre-wired	Pre-wired	Pre-wired	Pre-wired	Pre-wired
Clamping levelling device (standard)	4	4	4	4	4
Additional mechanical hooks (total)	8	8	8	4	4
Anchoring walls	1	1	1	2	2
Cylinder	2	2	2	4	4
Basic Motor [kW]	4	5.5	5.5	5.5	7.5
Hydraulic oil	Supplied ISO32	Supplied ISO32	Supplied ISO32	Supplied ISO32	Supplied ISO32
Pipe length [mm]	6000	6000	6000	6000	6000
Maximum working pressure [bar]	130	145	170	140	160





UP  
RT

# Single-column hydraulic system with retractable roof and cabin for indoor or outdoor installations.

## UPRT for goods only

The upper surface of the roof becomes a walkable and driveable **flooring of the upper floor. It can be equipped with a rainwater collection perimetral channel in case of outdoor installations.**

The manoeuvre must be performed only from the upper floor with deadman control.

## UPRT SPB with operator on board

The retractable roof solution is **certified for use with operator on board** foreseeing perimetral protections at the upper floor.

**The operating manoeuvre is attended from on-board of the cabin and it is automatic on the floors.**

<b>UP3RT</b>	<b>UP5RT</b>	<b>UP10RT</b>	<b>UP15RT</b>	<b>UP20RT</b>
300 Kgs	500 Kgs	1000 Kgs	1500 Kgs	2000 Kgs

# UPRT - Models and main technical features

	UP3RT	UP5RT	UP10RT	UP15RT	UP20RT
Max capacity [Kgs]	300	500	1000	1500	2000
<b>C</b> Max travel [m]	7	16	16	16	16
Number of stops	5	5	5	5	5
Accesses	1/2/3	1/2/3	1/2/3	1/2/3	1/2/3
<b>P</b> Platform depth [mm]	1300	2000/2500	1700/1900	2000/2400	1700/2000
<b>L</b> Platform width [mm]	1700	2800/2500	2500/1900	2800/2400	2500/2000
<b>F</b> Pit [mm]	975	1400	1400	1400	1400
<b>T</b> Min headroom [mm]	Free	Free	Free	Free	Free
<b>J</b> Brackets distance [mm]	600	1000	1000	1000	1000
<b>S</b> Guide gauge [mm]	660	1000	1000	1000	1000
Fx Each cylinder load [kN]	18	30	35	40	45
Minimum speed [m/s]	0.10	0.10	0.10	0.10	0.10
Max speed [m/s]	0.15	0.15	0.15	0.15	0.15
Floor operation	Automatic	Automatic	Automatic	Automatic	Automatic
On-board operation	Operator on board	Operator on board	Operator on board	Operator on board	Operator on board
Power supply	Single-phase	Three-phase	Three-phase	Three-phase	Three-phase
Switchboard	Pre-wired	Pre-wired	Pre-wired	Pre-wired	Pre-wired
Clamping levelling device (standard)	1	2	2	2	2
Additional mechanical hooks (total)	3	4	4	4	4
Anchoring walls	1	1	1	1	1
Cylinder	1	1	1	1	1
Basic Motor [kW]	2.2	3	4	4	5.5
Hydraulic oil	Supplied ISO32	Supplied ISO32	Supplied ISO32	Supplied ISO32	Supplied ISO32
Pipe length [mm]	4000	4000	4000	4000	4000
Maximum working pressure [bar]	120	140	180	195	165