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MOVE 30 L



OVERALL VIEW

of the unit (to ensure easy understanding, the photos were taken during maintenance because the doors cannot be opened unless the platform is at floor level).







AT THE MAXIMUM TRAVEL

height, the piston assembly, guide-shoulder and lock mechanisms protrude by 1,618 mm.

The shoulder-guide can be hidden for protrusion-free platforms where the top part does not protrude at all. In this case, the depth of the pit must be increased from 215 mm to 1,715 mm.



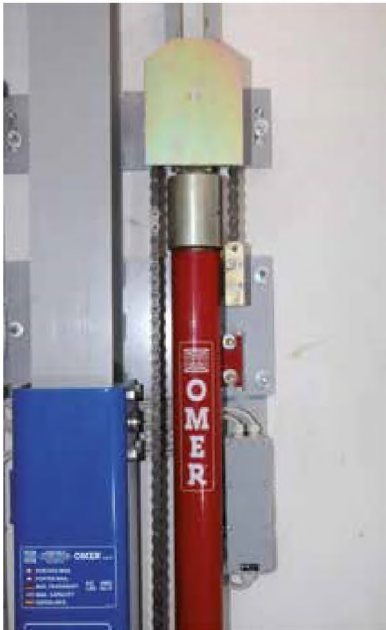
Front view of the columns once the machine has been installed. Besides the columns, the photo shows the two pistons, shoulder-guides, torsion bar positioning rack and piston assembly for mechanical locking to the floor, including spacers between columns.



DETAIL OF THE FRONT WHEEL STOP TO GUARANTEE

that the vehicle is properly positioned and to prevent it from shifting while the platform is being moved. Another such stop is found at the back.





DETAIL OF HOW THE COLUMN

is secured to the wall using plates prewelded to the column and chemical anchors. The photo also provides details of the lift chain and pulley connection. A protection is secured on the outside of the pulley to prevent the chain from leaving its seat.



The photo above shows an example of the limit switch positioned on the unit.



At the bottom, the photo shows the deceleration and travel regulation limit switch in action, highlighting the length of the operating cam (longer than the stop cam).



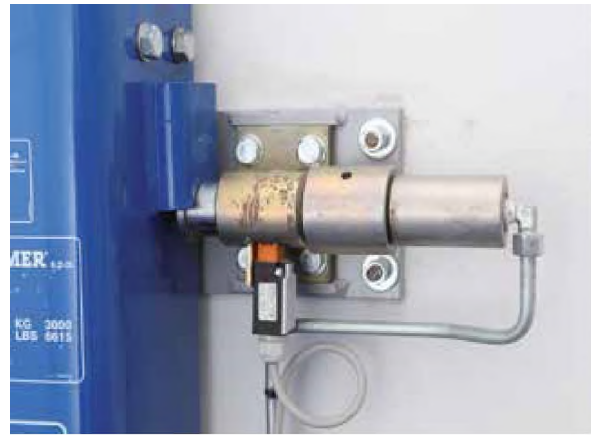
Instead, this angle shows
THE OPERATION
of the stop limit switch, located on
the column opposite the deceleration
limit switch, and highlights the shorter
operating cam.

This series of photos shows
THE MECHANICAL ASSEMBLY
that hydraulically locks the platform to
the floor.



THEN THE SHOULDER DROPS

down again and thanks to the connection groin it rests on the piston itself, protruding from its housing and ensuring overall stability. At this point the hydraulic lift system of the two pistons under the platform revert to the resting position, preventing the continuous stress the hydraulic circuit would be subject to if they were to remain constantly pressurized. Note that this platform does not present any movement as the vehicle drives on, a condition which would be seen if the platform were supported only by the pressure of the pistons. Indeed, this condition is easier on the user's peace of mind.



THE PISTON THAT MECHANICALLY

locks the unit to the floor is further controlled by an "all out, all in" limit switch that analyzes the correct position. In case of piston malfunction - when it is not possible to set the platform in safety mode with pulsed operation from the electrical control panel - the limit switch sends the platform to the next floor so that it can then be secured. The shoulder of the platform passes beyond the point where the piston is mechanically blocked to the floor, thus allowing it to protrude.

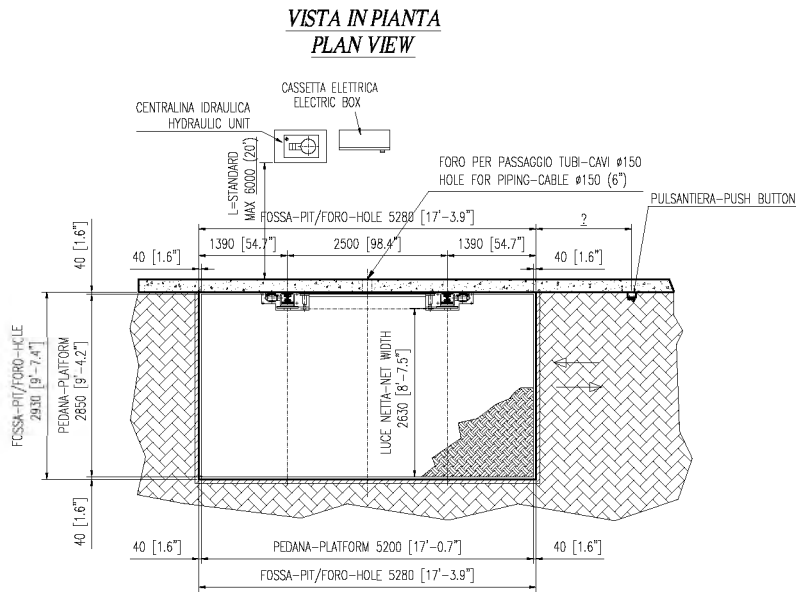
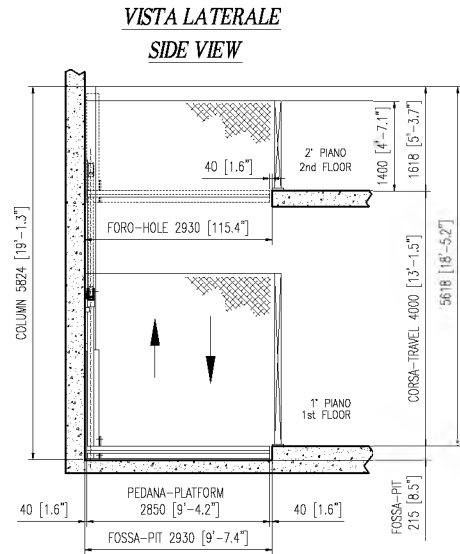
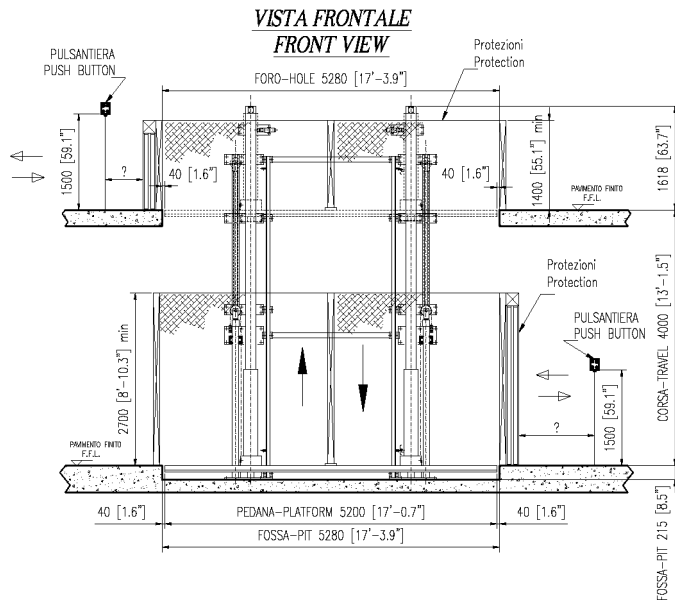


THE HEAD PINION

on the torsion bar has a notched ring (one on each end) that is engaged and runs along the rack (one per column). The same torsion bar has position-adjustable supports so that it is perfectly connected to the racks.

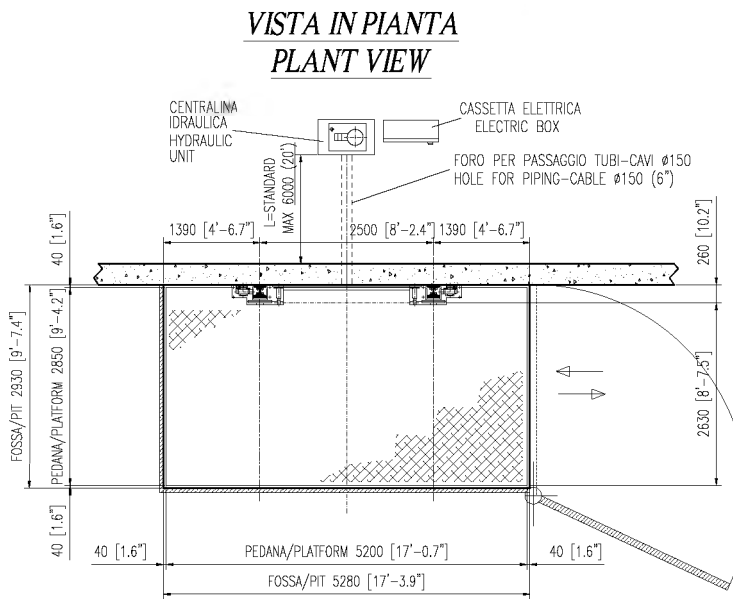
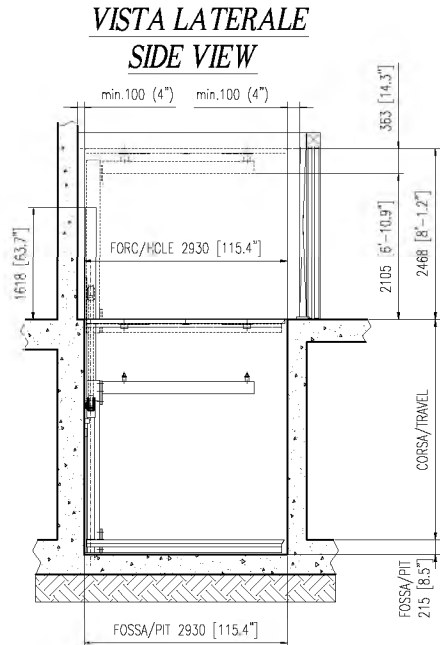
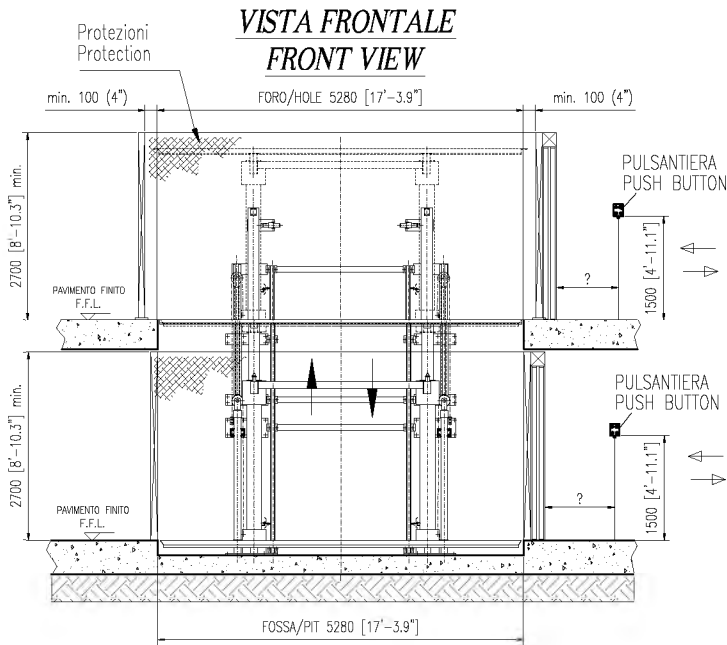
MOVE 30 L

MOVE 30 L GD



MOVE 30 L

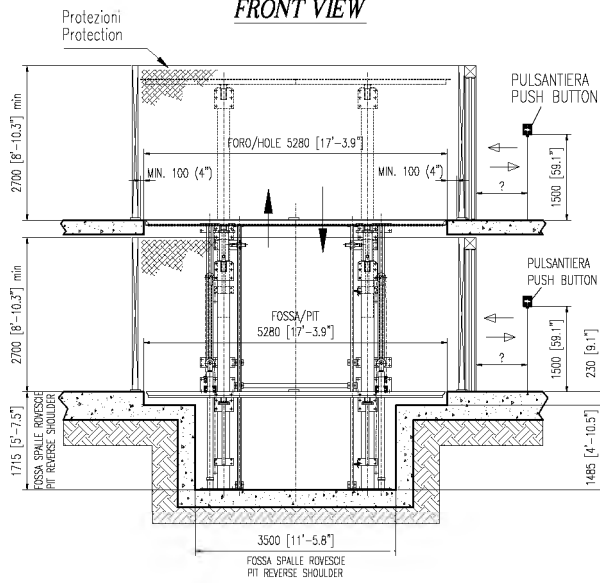
MOVE 30 L GD + T



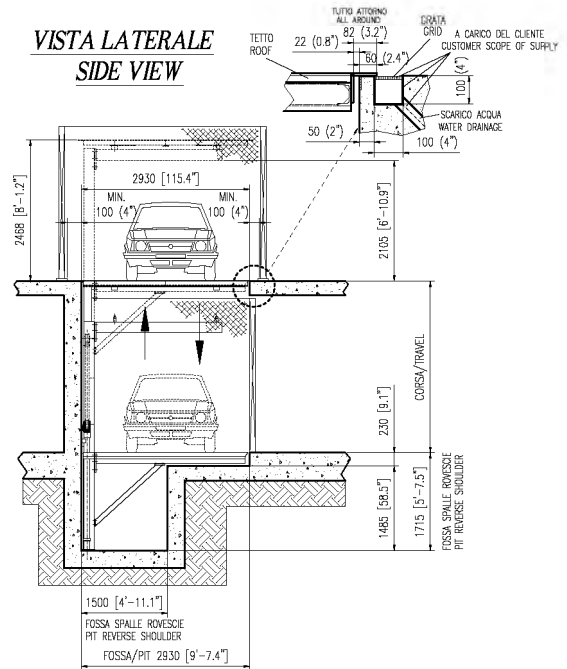
MOVE 30 L

MOVE 30 L GR + T

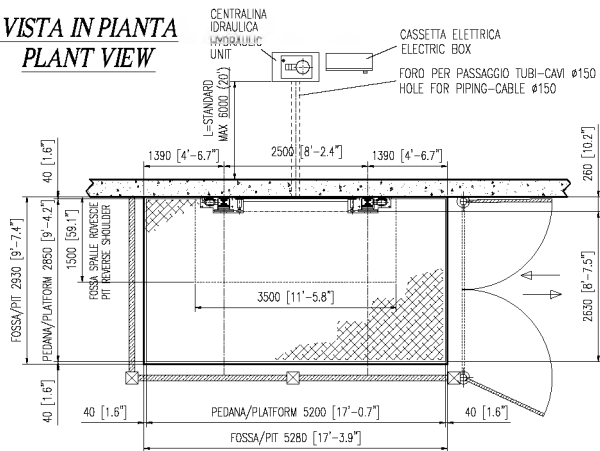
VISTA FRONTALE
FRONT VIEW



VISTA LATERALE
SIDE VIEW



VISTA IN PIANTA
PLANT VIEW



	Capacity	Standard Lifting Height	Max Lifting Height	Minimum Platform	Standard Platform	Max Platform	Useful height	Pit	Power	Speed	Power supply	Standard Weight	Notes
MOVE 30 L	3.000 kg.	4.000 mm	16.000 mm	2.000x2.400 mm	2.850x5.200 mm	3.000x6.000 mm		215 mm	4 kw	0,06 m/s	400 v / 50 hz	3.200 kg.	
	6.608 lbs	157,5 inch	629,9 inch	78,7x94,5 inch	112,2x204,7 inch	118,1x236,2 inch		8,5 inch	5,5 hp	2,4 inch/s	400 v / 50 hz	7.048 lbs	
MOVE 30 L-T	3.000 kg.	4.000 mm	11.000 mm	2.000x2.400 mm	2.850x5.200 mm	3.000x5.600 mm	2.100 mm	215 mm	7,5 kw	0,08 m/s	400 v / 50 hz	6.000 kg.	with roof
	6.608 lbs	157,5 inch	433,1 inch	78,7x94,5 inch	112,2x204,7 inch	118,1x220,5 inch	82,7 inch	8,5 inch	10,2 hp	3,1 inch/s	400 v / 50 hz	13.216 lbs	

ACCESSORIES

■ STANDARD □ OPTIONAL

DESCRIPTION	MOVE 30 L	MOVE 30 L-T	Notes
Standard Colors BLU RAL 5005 and SILVER RAL 9006	■	■	
Nr. Nr. 2 columns complete with lifting cylinders and tooth rack	■	■	
Nr. 1 checker plate platform	■	■	
Nr. 1 torsion bar	■	■	
Nr. 2 "Dead man present" push button boards with key at floors	■	■	
Security control module for sensors and safety locks	■	■	
Nr. 1 hydraulic pump with motor	■	■	
Nr. 1 Electrical panel board	■	■	
Standard power supply 230-400 V/3Ph/50 - 460 V/3Ph/60	■	■	
Nr. 1 slowing kit	■	■	
Standard height up to 4 mt.	■	■	
2 stops	■	■	
Nr. 2 stopping wheel L=745 mm	■	■	
Level locking mechanical devices	■	■	
Nylon Package	■	■	
Screws anchors	■	■	
Emergency push button board for pit access	■	■	
Transittable roof in checker plate		■	Roof transittable: 3000 kg. (Not suitable to lift a vehicle)
Stainless steel roof laying edge		■	
Tileable and transittable roof		□	Roof transittable: 3000 kg. (Not suitable to lift a vehicle)
Stainless steel roof laying edge		□	

ACCESSORIES

■ STANDARD □ OPTIONAL

DESCRIPTION	MOVE 30 L	MOVE 30 L-T	Notes
Predisposition for tileable platform	<input type="checkbox"/>		Tray 30 mm. - max. 70 kg. per m2 - pit depth increase of 30 mm. Claimed capacity decrease of the weight value of the tiles. reverse guides option advisable
Reverse guides	<input type="checkbox"/>	<input type="checkbox"/>	Advisable for tileable platform
travel over 4 mt. (each 500 mm.)	<input type="checkbox"/>		Applicable up to max. H=11 mt.
Upper travel at 16 mt.	<input type="checkbox"/>		Up to max. 16 mt, with a prior approval by OMER
Platform in 4 pieces	<input type="checkbox"/>	<input type="checkbox"/>	
Non standard platform	<input type="checkbox"/>	<input type="checkbox"/>	See the technical data sheet
Non standard roof		<input type="checkbox"/>	See the technical data sheet
Additional stop (third stop)	<input type="checkbox"/>	<input type="checkbox"/>	Suitable up to 6 Stops
Additional further Stops	<input type="checkbox"/>	<input type="checkbox"/>	
Columns split in two or more pieces (each split)	<input type="checkbox"/>	<input type="checkbox"/>	Verify accessibility of the shaft
Additional cost for speed increase (da 0,06 a 0,14 m/sec.)	<input type="checkbox"/>	<input type="checkbox"/>	Applicable for cylinders with a rod from 65 mm up to a travel of 6.5 mt; advisable for travels over 4 mt
Additional cost for speed increase (da 0,04 a 0,10 m/sec.)	<input type="checkbox"/>	<input type="checkbox"/>	Applicable for cylinders with a rod from 80 mm diameter up to a travel of 11 mt; advisable for travels over 4 mt..
Additional cost for speed increase (from 0,07 to 0,15 m/sec.)	<input type="checkbox"/>		Applicable for cylinders with a rod from 90 mm diameter up to a travel of 16 mt; advisable for travels over 4 mt..
Additional push button board	<input type="checkbox"/>	<input type="checkbox"/>	
Additional push button board design style	<input type="checkbox"/>	<input type="checkbox"/>	
Push button board in stainless steel	<input type="checkbox"/>	<input type="checkbox"/>	
Safety lock for concertina and standard doors	<input type="checkbox"/>	<input type="checkbox"/>	
additional key for push button	<input type="checkbox"/>	<input type="checkbox"/>	
Electrical supply for Kronenberg or Pruchomme	<input type="checkbox"/>	<input type="checkbox"/>	
Additional Electromagnetic sensors	<input type="checkbox"/>	<input type="checkbox"/>	
Outside pulse recall for each push button board	<input type="checkbox"/>	<input type="checkbox"/>	Applicable just on enclosed shaft
Pulse button return to home position (just with pulse manouver)	<input type="checkbox"/>	<input type="checkbox"/>	Applicable just on enclosed shaft
Automatic repositioning to the floor in case of fire	<input type="checkbox"/>	<input type="checkbox"/>	Applicable just on enclosed shaft
Remote control each receiver	<input type="checkbox"/>	<input type="checkbox"/>	Max. ray 5 mt
remote control each transmitter	<input type="checkbox"/>	<input type="checkbox"/>	Max. ray 5 mt
Flashing light	<input type="checkbox"/>	<input type="checkbox"/>	
Siren	<input type="checkbox"/>	<input type="checkbox"/>	
2 colors traffic light (Red / Green)	<input type="checkbox"/>	<input type="checkbox"/>	

DESCRIPTION	MOVE 30 L	MOVE 30 L-T	Notes
2 colors traffic light (Red / Green) design style	<input type="checkbox"/>	<input type="checkbox"/>	
Soft Starter	<input type="checkbox"/>	<input type="checkbox"/>	
Hydraulic pump with low acoustic emission	<input type="checkbox"/>	<input type="checkbox"/>	On request
Hand pump kit	<input type="checkbox"/>	<input type="checkbox"/>	
Back up battery for auxiliary circuits	<input type="checkbox"/>	<input type="checkbox"/>	Allows emergency descent with platform not on floor
Waterproof galvanized cover for control unit for outdoor installation	<input type="checkbox"/>	<input type="checkbox"/>	
Waterproof push button board IP 54	<input type="checkbox"/>	<input type="checkbox"/>	
Under platform set of 2 cylinders for stabilizing platform	<input type="checkbox"/>	<input type="checkbox"/>	
Nr. 1 fix handrail H=1.200 mm. (per meter)	<input type="checkbox"/>	<input type="checkbox"/>	
Nr. 1 removable handrail H = 1.200 mm (per meter)	<input type="checkbox"/>	<input type="checkbox"/>	
Fix external ramos in two pieces	<input type="checkbox"/>	<input type="checkbox"/>	On request: verify with OMER installation mode
Long fix external ramp in one piece	<input type="checkbox"/>	<input type="checkbox"/>	On request: verify with OMER installation mode
Nr. 2 Photocells barriers H=600 mm. for forward and backward control	<input type="checkbox"/>	<input type="checkbox"/>	
Control photocells for car's height (Nr. 2)		<input type="checkbox"/>	
Photocell barrier for doors' area control H= 150 mm	<input type="checkbox"/>	<input type="checkbox"/>	
Photocell barrier for doors' area control H= 300 mm	<input type="checkbox"/>	<input type="checkbox"/>	
Laser scanner for control area	<input type="checkbox"/>	<input type="checkbox"/>	
Non standard power supply	<input type="checkbox"/>	<input type="checkbox"/>	On request
Non standard colour*	<input type="checkbox"/>	<input type="checkbox"/>	
Screws anchors for walls different than concrete	<input type="checkbox"/>	<input type="checkbox"/>	On request
Hot dip galvanization (platform, columns and guides)	<input type="checkbox"/>	<input type="checkbox"/>	
Hot dip galvanization over 4 Mt. (each 500 mm.)	<input type="checkbox"/>	<input type="checkbox"/>	
Hot dip galvanization set of 2 anchoring frontal supports			
Hot dip galvanization set of 2 anchoring floor supports			
Roof hot dip galvanization (standard sizes)		<input type="checkbox"/>	
Hot dip galvanization for fix ramps in two pieces	<input type="checkbox"/>	<input type="checkbox"/>	On request
Hot dip galvanization of long fix ramp	<input type="checkbox"/>	<input type="checkbox"/>	On request
Columns on pallet (nr.2)	<input type="checkbox"/>	<input type="checkbox"/>	
tooth rack on pallet	<input type="checkbox"/>	<input type="checkbox"/>	
Platform on pallet	<input type="checkbox"/>	<input type="checkbox"/>	
Control panel crate	<input type="checkbox"/>	<input type="checkbox"/>	

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