

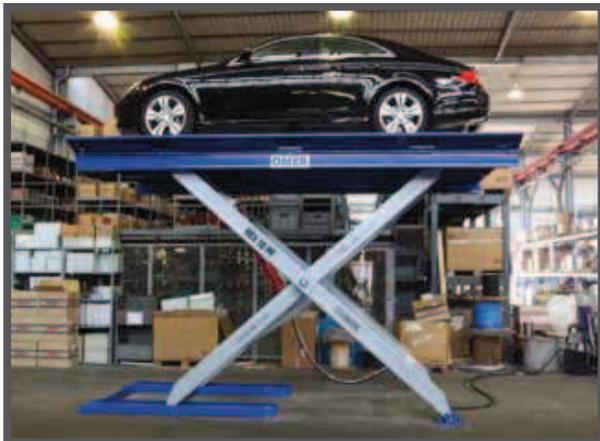
REX
PF



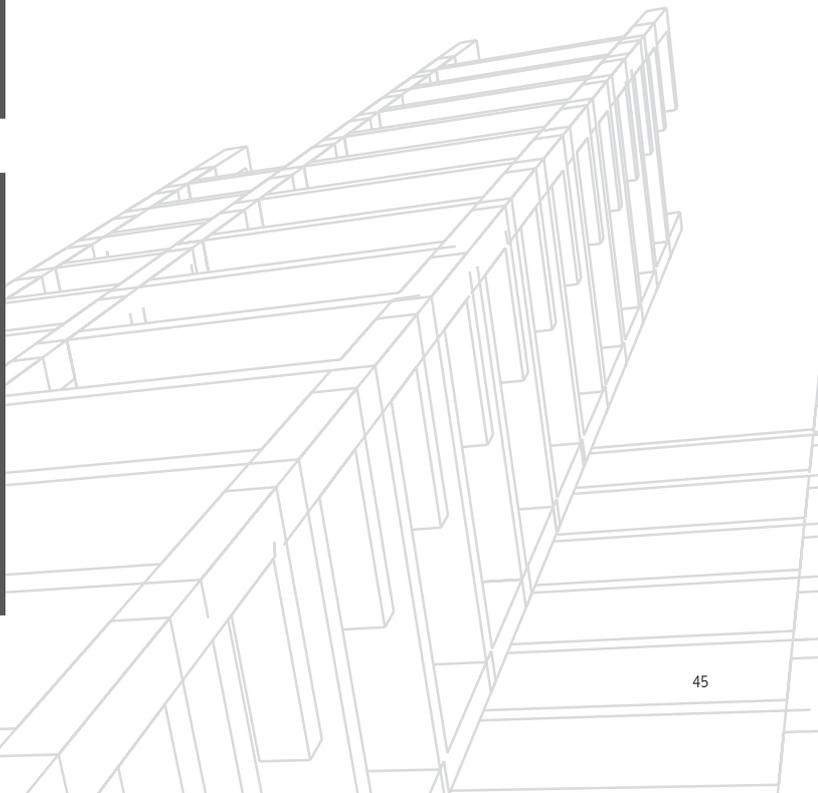
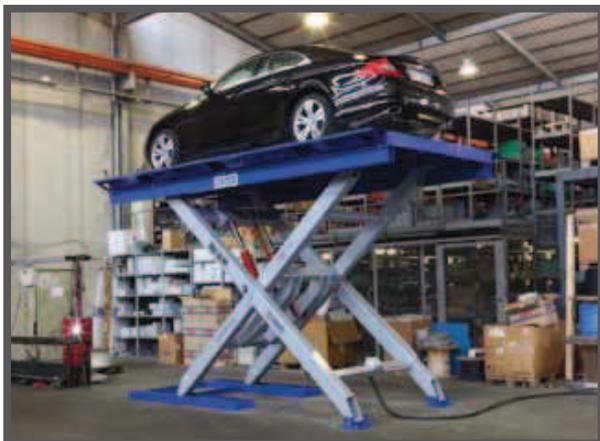


REX PF





This photo shows how versatile the platform Rex PF (fixed point) is for parking motor vehicles. It can even accommodate vehicles with heavy engines and an extremely long wheel base thanks to the dimensions of the platform (5,200 mm) and its weight bearing capacity (up to 3,000 Kg).



REX PF



The platform comprises a series of galvanized panels, with a low profile - and light weight.



The unit is extremely compact since the platform structure requires a pit of just 510 mm and yet is still extremely sturdy.



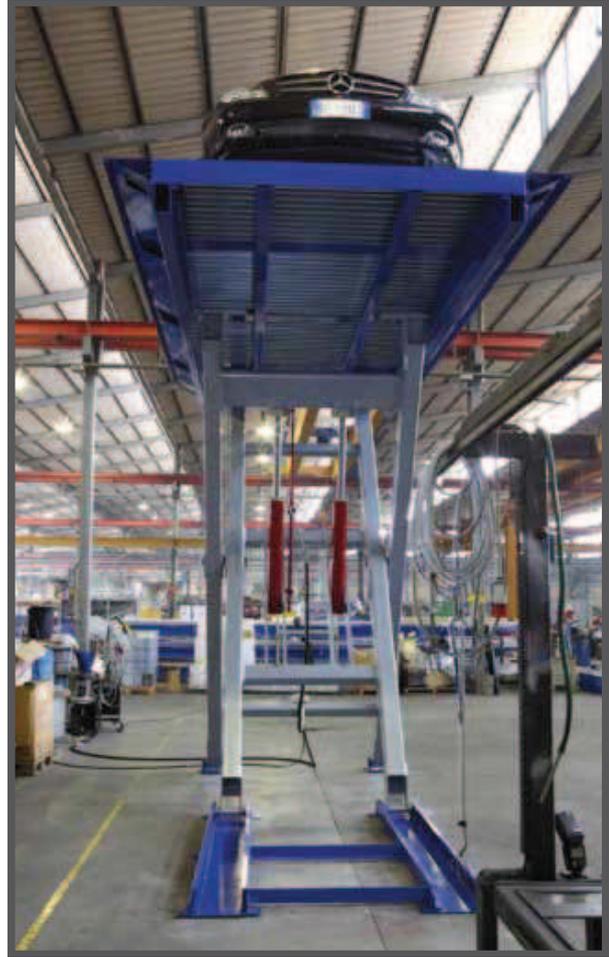


Note the platform wheel stop (standard) which ensures correct positioning of the vehicle from the front edge. This detail ensures utmost safety, preventing any abrupt forward movement of the vehicle while the platform is being moved. Another such stop is found at the rear.



Given the Omer product reliability, any type of vehicle can be parked with the heaviest section - that is the engine / transmission compartment at the front of the vehicle - set on the unsupported part of the platform as this does not compromise the platform in any way.

REX PF



The underlying part of the platform is supported by a steel skeleton that ensures the utmost reliability.

By varying the width of the side platform profile (as indicated in the photo) it is possible to adapt the width of the platform to the customer's car, increasing the support space.



The two bases on which the Rex PF legs slide are secured to the ground with mechanical anchors. The wheels are installed with wear-resistant plastic bushes that prevent friction and thus extend the life of the unit.



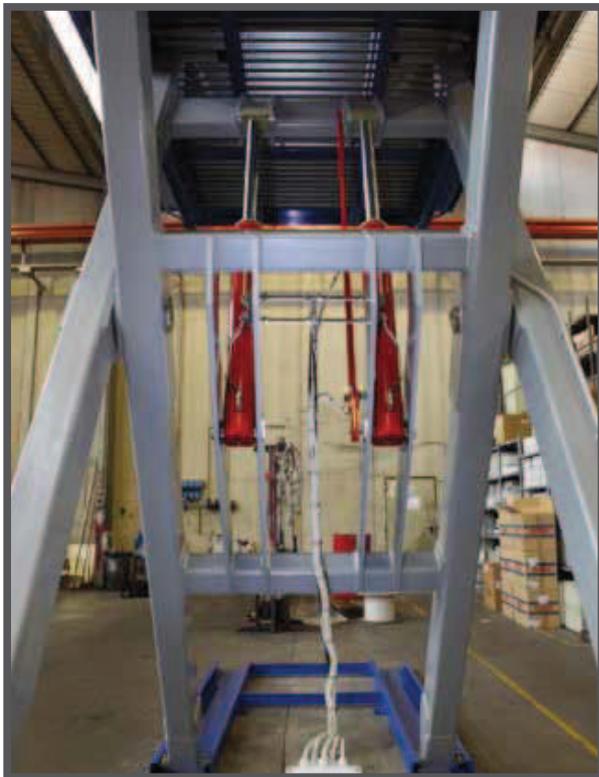
Likewise, the fixed frame has a base secured to the ground with mechanical anchors; it, too, installed with a pin inserted into the wear-resistant plastic bushings. This certainly increases the product lifespan.



The hydraulic system is composed of two pistons (manufactured by Omer S.p.A.), each fitted with a differential valve able to read differences in oil pressure. If such changes occur (for example, if a hydraulic connection breaks or there is a major oil leak), the solenoid valve immediately closes the connection between the piston and the hydraulic connections, thus preventing oil from flowing



out of the piston. Moreover, two separate limit switches are set on a shaft to the left of the piston (see photo) and used to regulate platform travel. The third limit switch (seen in the photo) is a safety back-up which cuts in if in the unlikely event of a double failure.

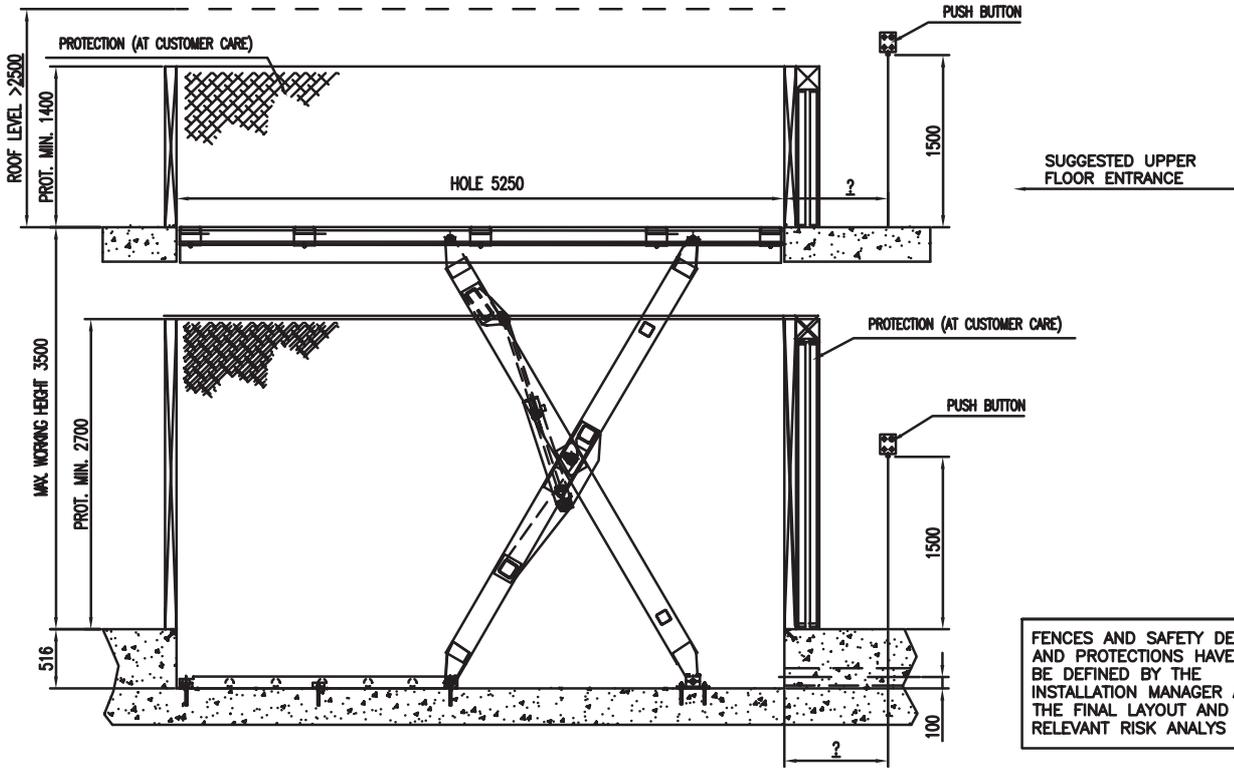


The photo shows how the electric circuit is perfectly integrated into the machine, while still easily accessible for maintenance.

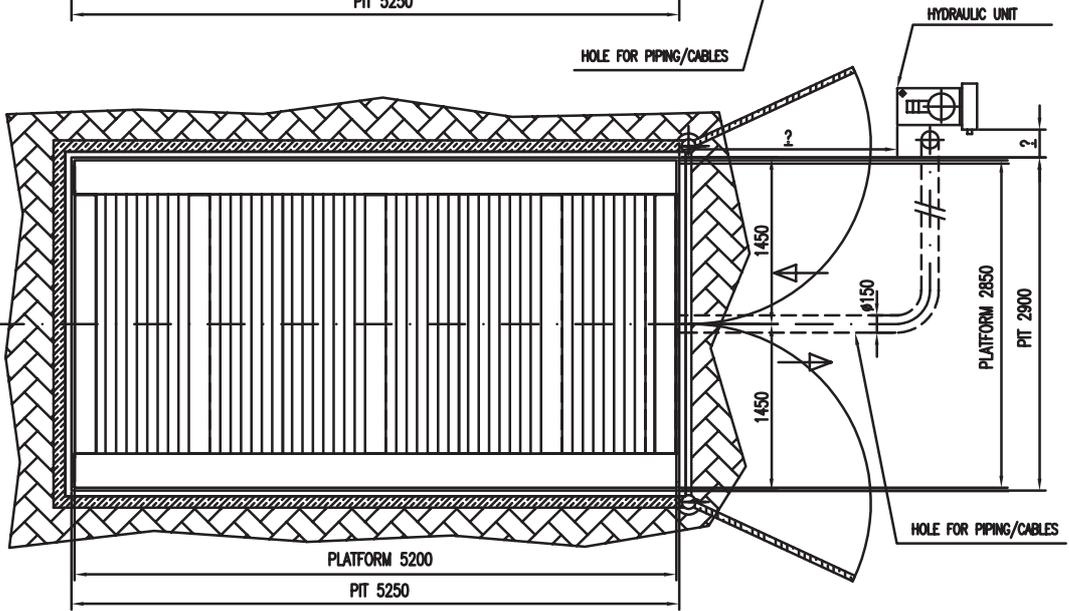
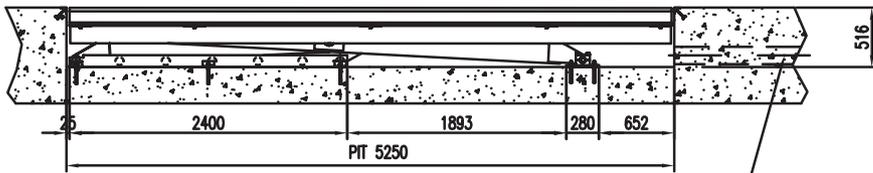


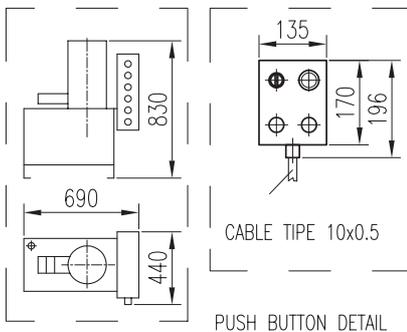
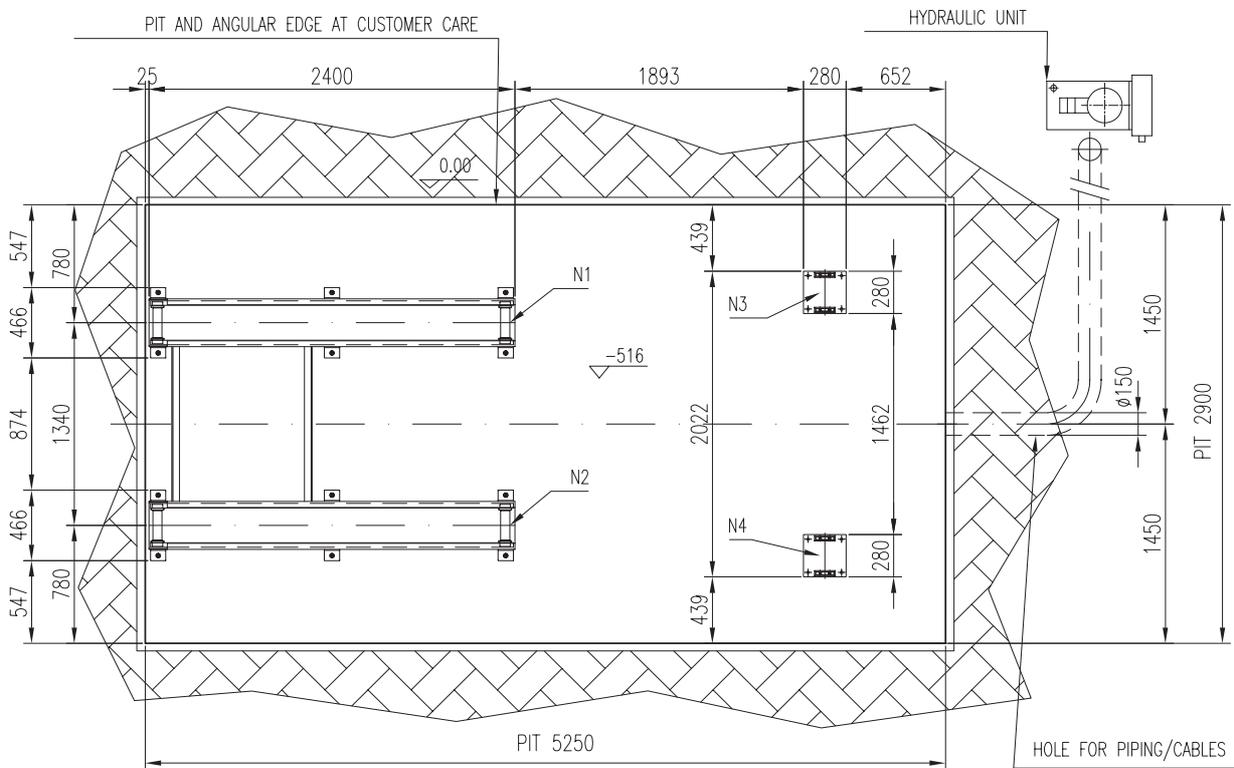
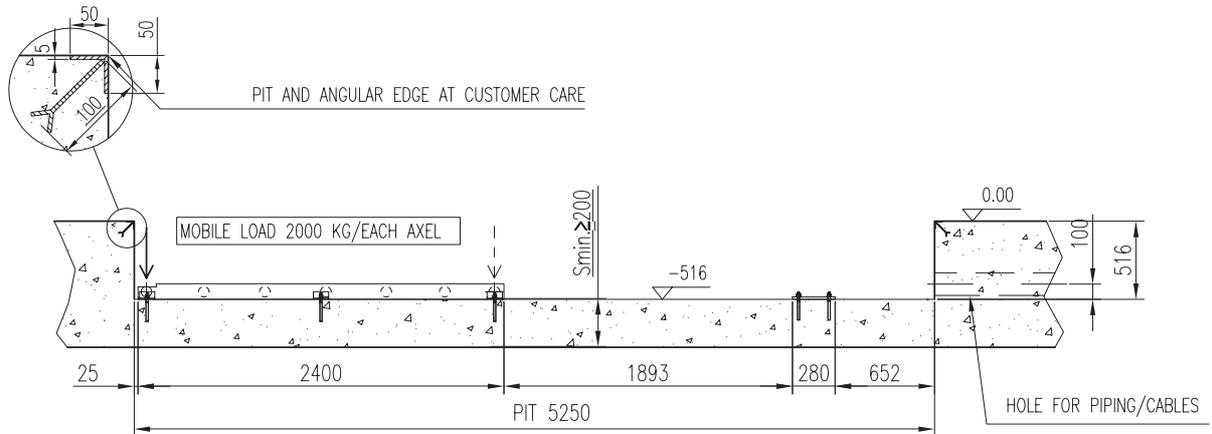
The junction box connecting the machine to the electrical control panel is set on the lower spacer of the fixed point leg, thus ensuring utmost accessibility. All systems are pre-installed on the unit to aid in a quick and smooth installation.

TECHNICAL DATA SHEET AND ACCESSORIES



FENCES AND SAFETY DEVICES AND PROTECTIONS HAVE TO BE DEFINED BY THE INSTALLATION MANAGER ACCORDING TO THE FINAL LAYOUT AND THE RELEVANT RISK ANALYSIS





HYDRAULIC UNIT

DIMENSIONS mm

	Capacity	Standard Lifting Height	Max Lifting Height	Minimum Platform	Standard Platform	Max Platform	Pit	Power	Speed	Power supply	Standard Weight
REX PF	3.000 kg.	3500 mm	3.500 mm	2.320x4.700 mm	2.850x5.200 mm	3.000x5.600 mm	516 mm	4 kw	0,08 m/s	400 v / 50 hz	3.100 kg.
	6.608 lbs	137,8 inch	137,8 inch	91,3x185 inch	112,2x204,7 inch	118,1x220,5 inch	20,3 inch	5,4 hp	3,1 inch/s	400 v / 50 hz	6.828 lbs

ACCESSORIES

■ STANDARD □ OPTIONAL

DESCRIPTION	REX PF	NOTES
Standard colours: BLU / BLUE RAL 5005 e/and ARGENTO / SILVER RAL 9006	■	
Nr. 1 platform composed by hot galvanised slats	■	
Max. Travel 4.100 mm.		
Max. Travel 3.400 mm.	■	
Scissor coupling flange		
Nr. 2 pit bases plate	■	
Nr. 2 lifting cylinder	■	
Nr. 2 "dead man" push-button board	■	
Security control module for sensors and safety locks	■	N.2 electromagnetic sensors included
Nr. 1 hydraulic control unit with motor	■	
Power Supply: 380-415V/3Ph/50-60Hz	■	
N° 2 stops wheels bars L=745 mm	■	
2 stops	■	
Mechanical and electrical safety devices	■	
Roof transiting capacity: 3.000 kg. (Not suitable to lift a vehicle)		
Roof supplied with diamond plate		
Roof for tiles application includes 3 cm. height perimeter frame		Tiles weight up to 70 Kg. square mt. Max - minimum travel 3000 mm - The pit dimensions are modified in order to take into account the tiles depth
Nylon Package	■	
Screws anchor	■	
Undersized / oversized non standard platform	□	
Smooth plate platform set for tiles application		Includes 3 cm. height perimeter frame - max. 70 kg. square m
Capacity until 8.800 Lbs.		
Additional Stop	□	
Additional push button board	□	
Safety lock for concertina and standard doors	□	
Additional electro - magnetic sensor	□	
Outside Pulse Recall for each Push Button Board	□	Suitable only for closed shaft
Pulse Command Return to Home Position Button	□	Suitable only for closed shaft
Outside Infra-red Remote Control - Each Receiver	□	Max. 5 mt. distance
Outside Infra-red Remote Control - Each Transmitter	□	Max. 5 mt. distance
Flashing light	□	
Audible warning kit	□	
Two-colours tower light (Red / Green)	□	
Waterproof galvanised cover for control unit for outdoor installation	□	
Waterproof push-button board IP 65	□	
Lifting speed increase from 0,05 to 0,10 m/s		
Energy Saving Soft Start	□	
Nr. 1 fixed handrail protection without grid H=1.200 mm.(each meter)	□	
Nr. 1 removable handrail protection without grid H=1.200 mm (each meter)*	□	
Light Barriers	□	
Roof Car Presence Sensor (Nr. 2)		
Non standard colour*	□	
Push button board people lift design*	□	
Hot Galvanisation	□	
Roof Hot Galvanisation		
Wood Pallet for Rex Machine	□	
Wood Pallet for Platform Plates	□	
Control Panel Crate	□	