

Архангельск (8182)63-90-72  
Астана (7172)727-132  
Астрахань (8512)99-46-04  
Барнаул (3852)73-04-60  
Белгород (4722)40-23-64  
Брянск (4832)59-03-52  
Владивосток (423)249-28-31  
Волгоград (844)278-03-48  
Вологда (8172)26-41-59  
Воронеж (473)204-51-73  
Екатеринбург (343)384-55-89  
Иваново (4932)77-34-06

Ижевск (3412)26-03-58  
Иркутск (395)279-98-46  
Казань (843)206-01-48  
Калининград (4012)72-03-81  
Калуга (4842)92-23-67  
Кемерово (3842)65-04-62  
Киров (8332)68-02-04  
Краснодар (861)203-40-90  
Красноярск (391)204-63-61  
Курск (4712)77-13-04  
Липецк (4742)52-20-81

Киргизия (996)312-96-26-47

Магнитогорск (3519)55-03-13  
Москва (495)268-04-70  
Мурманск (8152)59-64-93  
Набережные Челны (8552)20-53-41  
Нижегород (831)429-08-12  
Новокузнецк (3843)20-46-81  
Новосибирск (383)227-86-73  
Омск (3812)21-46-40  
Орел (4862)44-53-42  
Оренбург (3532)37-68-04  
Пенза (8412)22-31-16

Россия (495)268-04-70

Пермь (342)205-81-47  
Ростов-на-Дону (863)308-18-15  
Рязань (4912)46-61-64  
Самара (846)206-03-16  
Санкт-Петербург (812)309-46-40  
Саратов (845)249-38-78  
Севастополь (8692)22-31-93  
Симферополь (3652)67-13-56  
Смоленск (4812)29-41-54  
Сочи (862)225-72-31  
Ставрополь (8652)20-65-13

Казахстан (772)734-952-31

Сургут (3462)77-98-35  
Тверь (4822)63-31-35  
Томск (3822)98-41-53  
Тула (4872)74-02-29  
Тюмень (3452)66-21-18  
Ульяновск (8422)24-23-59  
Уфа (347)229-48-12  
Хабаровск (4212)92-98-04  
Челябинск (351)202-03-61  
Череповец (8202)49-02-64  
Ярославль (4852)69-52-93

[www.maha.nt-rt.ru](http://www.maha.nt-rt.ru) | | [mha@nt-rt.ru](mailto:mha@nt-rt.ru)

## Технические характеристики на подъемники плунжерные компании МАНА

**Модели:** VS SQUARE II 6.5 MC, VS SQUARE II 6.5 VAN.

# VS SQUARE II 6.5 VAN

## LIFTING TECHNOLOGY



## SQUARE

VP 252285

Four Post Inground Lift with 6500 kg load capacity

### DESCRIPTION:

Four-post in-floor lift with driving platforms for transporters

Driving platform:

- ◆ Driving platform length 5600 mm ideal for cars and transporters
- ◆ Ample freedom of movement below the lifting platform thanks to the compact post-lifting unit and resulting optimum lighting below the raised vehicle
- ◆ Optional conversion to chassis measurement lift with precisely aligned driving platforms, sliding plates for tension-free wheel support, driving platform levelling and Displacement device with latch rail
- ◆ Optionally, can be upgraded to vehicle check-in lift with axle play tester to inspect chassis assemblies
- ◆ Optionally prepared for wheel-free jack and level driving platforms with levelling plate sets
- ◆ A high-quality powder-coated platform covering assists in corrosion protection and adds a significant upgrade in terms of appearance
- ◆ Optional driving platform coating with granulate coating
- ◆ Additional corrosion-resistant treatment in the seam region and body cavity-sealing increases the service life
- ◆ Pre-integrated compressed air connection and optional 230V/1PH energy supply in runways
- ◆ All cables are protected inside the SQUARE post
- ◆ Optional, no-dazzle rotatable LED lighting
- ◆ Various assembly variants for optimum use:
  - Driving platform resting on floor with low drive-on height and platform movement area with no tripping hazard edges
  - Driving platforms flush with floor to facilitate driving onto the lift, no protruding assemblies in the lift area
  - Driving platforms flush with floor to facilitate driving onto the lift, no protruding assemblies in the lift area with complete floor levelling of the platform movement area with no tripping hazard edges

- ◆ Runways and ground levelling pre-equipped for the use of an optional axle lift
- ◆ Pinch point and shear point protection thanks to CE stop

SQUARE lift unit:

- ◆ Outstanding rigidity and optimum safety thanks to torsion-resistant square post
- ◆ Very quiet pump and very quiet electric motor in corrosion-proof oil-submerged design, optionally with bio oil
- ◆ Electronic lift control with no-contact, wear-free limit switches and visual error display
- ◆ Very smooth running due to special long-life nickel coating on posts that promotes sliding, with robust, low-maintenance post design
- ◆ Protected internal hydraulic safety cylinder guarantee lengthy service life
- ◆ Mobile synchronisation and safety yoke for careful distribution of force in the post guide as standard
- ◆ High lifting/lowering speeds are guaranteed (max. 38/38 s)
- ◆ Lift system with synchronisation for electronic synchronism of the front and rear piston couple guarantees optimum precision of the front and rear piston couple
- ◆ Battery-operated emergency lowering
- ◆ Optimisation of workplace ergonomics mentioned thanks to optional, standard-independent control via traffic-light energy module or flush-mounted switching system

## STANDARD DELIVERY:

- ♦ Driving platform 5600 mm powder-coated anthracite (RAL 7016)
- ♦ Lift unit with hydraulic assembly
- ♦ Ramps and drive-on plates
- ♦ Rapid-action compressed-air coupling mounted on driving platform
- ♦ Wiring and mounting material
- ♦ Installation box/installation frame not included in delivery
- ♦ Emergency DOWN cable for connection to switch box
- ♦ Control unit with 4 x 10 m control cables (flexible oil cables)
- ♦ Lockable master switch
- ♦ Operating manual and test log
- ♦ EC Declaration of Conformity CE

## TECHNICAL DATA:

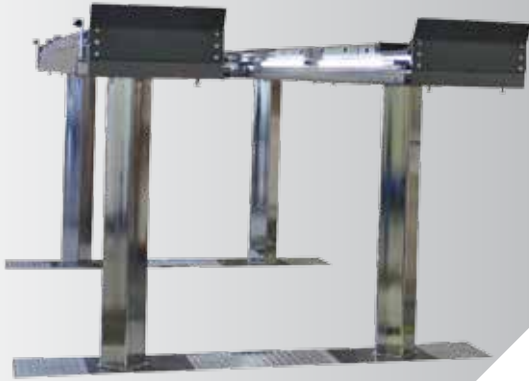
Load capacity CE	6500 kg
Lifting height max.	2050 mm
Raising / Lowering time (load-dependent) approx.	38 s / 38 s
Installation depth	2382 mm
Inner drive-through width	848 mm
Post axle spacing in driving direction	3500 mm
Piston centers	1580 mm
Post dimensions, square	180 mm
Operating pressure	180 bar
Motor power	2 x 3 kW
Fuse gG	25 A
Power supply	3/N/PE 400 V 50 Hz
Control unit (H x W x D)	600 mm x 400 mm x 150 mm
Dimensions total (L x W x H)	6958 mm x 2245 mm x 175 mm
Runway dimensions (L x W x H)	5600 mm x 650 mm x 175 mm
Hydraulic fluid quantity (not included in standard delivery)	56 l

## ACCESSORIES:

VZ 975013	Runways with granulate coating
VZ 970164	Wheel-Free Jack 3.5 for Four Post Inground Lift
VZ 975586	Rubber chocks set 20 x 150 x 100 mm
VZ 975632	Rubber Blocks Set 60x150x150 mm
VZ 975069	Plastic chocks set 47 x 132 x 340 mm
VZ 972474	Safety Control for Six Post In-Ground Lift
VZ 990432	LED Illuminant 2 pieces
VZ 990433	LED Illuminant 4 pcs
VZ 990444	LED Illuminant 6 pcs
VZ 990012	Shockproof socket 230 V
VZ 975181	Compressed-Air Servicing Unit
VZ 972425	Flush-fitted Runway
VZ 972153	Auto chocks (2 pcs.)
VZ 972482	Approach Ramps 1600 mm
VZ 972483	Exit Ramps 1300 mm
VZ 972484	Exit Ramps 1600 mm
VZ 972528	Installation frame VS 5600 mm
VZ 972529	Installation frame VS 5600 mm
VZ 972530	Floor compensation for runway 5600 mm
VP 985007	PMS 3/X
VP 985024	PMS 3/XL
VP 985057	SSA 4000 Lift
VZ 972481	Lowering System for Wheel- Alignment
VZ 975026	Sliding plates 60 mm lateral motion
VZ 970027	Sliding plates long 1465 mm
VZ 971316	Sliding plates high-precision
VZ 970159	Sliding Plates 1800 mm length
VZ 975027	Sliding plate covers, standard aluminium
VZ 975032	Compensating plates without turning plates
VZ 975807	Set of Compensating plates 5600
VZ 975808	Set of Compensating plates 5600
VZ 975809	Compensating Plates VS WFJ 5600
VZ 971104	L. barrier safety device to avoid ceiling contact
VZ 972560	Installation tub four-post inground lifts
VZ 972565	Installation frame Megaflex 2/2170
VZ 972566	End cover plates MEGAFLEX
VZ 995755	zinc-sprayed MEGAFLEX frame
VZ 972383	Positioning assistance for box and installation frame
VZ 972471	Cover for installation box 2150 mm galvanized
VZ 972531	Additional Leakage Test for Double Installation Box
VZ 972265	Oil Level Indicator, 2 pieces
VM 999035	Hydraulic Oil (HLP-D 22) per litre
VW 997572	Packing Costs Four Post Inground Lift, Europe
VW 997573	Packing Costs Four Post Inground Lift, Overseas
VW 997577	Packing Installation Box for Four Post Inground Lift
VW 997479	Packing for floor compensation -Europe-
VW 997480	Packing for floor compensation -overseas-
VW 997481	Packing installation frame -Europe/overseas-

# VS SQUARE II 6.5 MC

## LIFTING TECHNOLOGY



## SQUARE

VP 252286

Four Post Inground Lift with 6500 kg load capacity

### DESCRIPTION:

Four-post in-floor lift with driving platforms for cars

Driving platform:

- ◆ Driving platform length 4400 mm ideal for cars and small transporters
- ◆ Ample freedom of movement below the lifting platform thanks to the compact post-lifting unit and resulting optimum lighting below the raised vehicle
- ◆ Optional conversion to chassis measurement lift with precisely aligned driving platforms, sliding plates for tension-free wheel support, driving platform levelling and Displacement device with latch rail
- ◆ Optionally prepared for wheel-free jack and level driving platforms with levelling plate sets
- ◆ A high-quality powder-coated platform covering assists in corrosion protection and adds a significant upgrade in terms of appearance
- ◆ Optional driving platform coating with granulate coating
- ◆ Additional corrosion-resistant treatment in the seam region and body cavity-sealing increases the service life
- ◆ Pre-integrated compressed air connection and optional 230V/1PH energy supply in runways
- ◆ All cables are protected inside the SQUARE post
- ◆ Optional, no-dazzle rotatable LED lighting
- ◆ Various assembly variants for optimum use:
  - Driving platform resting on floor with low drive-on height and platform movement area with no tripping hazard edges
  - Driving platforms flush with floor to facilitate driving onto the lift, no protruding assemblies in the lift area
  - Driving platforms flush with floor to facilitate driving onto the lift, no protruding assemblies in the lift area with complete floor levelling of the platform movement area with no tripping hazard edges

- ◆ Runways and ground levelling pre-equipped for the use of an optional axle lift
- ◆ Pinch point and shear point protection thanks to CE stop

SQUARE lift unit:

- ◆ Outstanding rigidity and optimum safety thanks to torsion-resistant square post
- ◆ Very quiet pump and very quiet electric motor in corrosion-proof oil-submerged design, optionally with bio oil
- ◆ Electronic lift control with no-contact, wear-free limit switches and visual error display
- ◆ Very smooth running due to special long-life nickel coating on posts that promotes sliding, with robust, low-maintenance post design
- ◆ Protected internal hydraulic safety cylinder guarantee lengthy service life
- ◆ Mobile synchronisation and safety yoke for careful distribution of force in the post guide as standard
- ◆ High lifting/lowering speeds are guaranteed (max. 38/38 s)
- ◆ Lift system with synchronisation for electronic synchronism of the front and rear piston couple guarantees optimum precision of the front and rear piston couple
- ◆ Battery-operated emergency lowering
- ◆ Optimisation of workplace ergonomics mentioned thanks to optional, standard-independent control via traffic-light energy module or flush-mounted switching system

## STANDARD DELIVERY:

- ♦ Driving platform 4400 mm powder-coated anthracite (RAL 7016)
- ♦ Lift unit with hydraulic assembly
- ♦ Ramps and drive-on plates
- ♦ Rapid-action compressed-air coupling mounted on driving platform
- ♦ Wiring and mounting material
- ♦ Installation box/installation frame not included in delivery
- ♦ Emergency DOWN cable for connection to switch box
- ♦ Control unit with 4 x 10 m control cables (flexible oil cables)
- ♦ Lockable master switch
- ♦ Operating manual and test log
- ♦ EC Declaration of Conformity CE

## TECHNICAL DATA:

Load capacity CE	6500 kg
Lifting height max.	2050 mm
Raising / Lowering time (load-dependent) approx.	38 s / 38 s
Installation depth	2382 mm
Inner drive-through width	848 mm
Post axle spacing in driving direction	3400 mm
Piston centers	1580 mm
Post dimensions, square	180 mm
Operating pressure	180 bar
Motor power	2 x 3 kW
Fuse gG	25 A
Power supply	3/N/PE 400 V 50 Hz
Control unit (H x W x D)	600 mm x 400 mm x 150 mm
Dimensions total (L x W x H)	5758 mm x 2245 mm x 175 mm
Runway dimensions (L x W x H)	4400 mm x 650 mm x 175 mm
Hydraulic fluid quantity (not included in standard delivery)	56 l

## ACCESSORIES:

VZ 975013	Runways with granulate coating
VZ 970164	Wheel-Free Jack 3.5 for Four Post Inground Lift
VZ 975586	Rubber chocks set 20 x 150 x 100 mm
VZ 975632	Rubber Blocks Set 60x150x150 mm
VZ 975069	Plastic chocks set 47 x 132 x 340 mm
VZ 990432	LED Illuminant 2 pieces
VZ 990433	LED Illuminant 4 pcs
VZ 990012	Shockproof socket 230 V
VZ 975181	Compressed-Air Servicing Unit
VZ 972425	Flush-fitted Runway
VZ 972153	Auto chocks (2 pcs.)
VZ 972482	Approach Ramps 1600 mm
VZ 972483	Exit Ramps 1300 mm
VZ 972484	Exit Ramps 1600 mm
VZ 972535	Installation frame VS 4400 mm
VZ 972536	Installation frame VS 4400 mm mB
VZ 972480	Floor compensation VS pneumatic
VZ 972481	Lowering System for Wheel- Alignment
VZ 975026	Sliding plates 60 mm lateral motion
VZ 970027	Sliding plates long 1465 mm
VZ 971316	Sliding plates high-precision
VZ 975027	Sliding plate covers, standard aluminium
VZ 975032	Compensating plates without turning plates
VZ 975810	Set of Compensating plates 4400
VZ 975811	Set of Compensating plates 4400
VZ 975812	Compensating Plates 4400
VZ 971104	L. barrier safety device to avoid ceiling contact
VZ 972560	Installation tub four-post inground lifts
VZ 972565	Installation frame Megaflex 2/2170
VZ 972566	End cover plates MEGAFLEX
VZ 995755	zinc-sprayed MEGAFLEX frame
VZ 972383	Positioning assistance for box and installation frame
VZ 972471	Cover for installation box 2150 mm galvanized
VZ 972531	Additional Leakage Test for Double Installation Box
VZ 972265	Oil Level Indicator, 2 pieces
VM 999035	Hydraulic Oil (HLP-D 22) per litre
VW 997572	Packing Costs Four Post Inground Lift, Europe
VW 997573	Packing Costs Four Post Inground Lift, Overseas
VW 997577	Packing Installation Box for Four Post Inground Lift
VW 997479	Packing for floor compensation -Europe-
VW 997480	Packing for floor compensation -overseas-
VW 997481	Packing installation frame -Europe/overseas-

Архангельск (8182)63-90-72  
Астана (7172)727-132  
Астрахань (8512)99-46-04  
Барнаул (3852)73-04-60  
Белгород (4722)40-23-64  
Брянск (4832)59-03-52  
Владивосток (423)249-28-31  
Волгоград (844)278-03-48  
Вологда (8172)26-41-59  
Воронеж (473)204-51-73  
Екатеринбург (343)384-55-89  
Иваново (4932)77-34-06

Ижевск (3412)26-03-58  
Иркутск (395)279-98-46  
Казань (843)206-01-48  
Калининград (4012)72-03-81  
Калуга (4842)92-23-67  
Кемерово (3842)65-04-62  
Киров (8332)68-02-04  
Краснодар (861)203-40-90  
Красноярск (391)204-63-61  
Курск (4712)77-13-04  
Липецк (4742)52-20-81

Киргизия (996)312-96-26-47

Магнитогорск (3519)55-03-13  
Москва (495)268-04-70  
Мурманск (8152)59-64-93  
Набережные Челны (8552)20-53-41  
Нижний Новгород (831)429-08-12  
Новокузнецк (3843)20-46-81  
Новосибирск (383)227-86-73  
Омск (3812)21-46-40  
Орел (4862)44-53-42  
Оренбург (3532)37-68-04  
Пенза (8412)22-31-16

Россия (495)268-04-70

Пермь (342)205-81-47  
Ростов-на-Дону (863)308-18-15  
Рязань (4912)46-61-64  
Самара (846)206-03-16  
Санкт-Петербург (812)309-46-40  
Саратов (845)249-38-78  
Севастополь (8692)22-31-93  
Симферополь (3652)67-13-56  
Смоленск (4812)29-41-54  
Сочи (862)225-72-31  
Ставрополь (8652)20-65-13

Казахстан (772)734-952-31

Сургут (3462)77-98-35  
Тверь (4822)63-31-35  
Томск (3822)98-41-53  
Тула (4872)74-02-29  
Тюмень (3452)66-21-18  
Ульяновск (8422)24-23-59  
Уфа (347)229-48-12  
Хабаровск (4212)92-98-04  
Челябинск (351)202-03-61  
Череповец (8202)49-02-64  
Ярославль (4852)69-52-93

[www.maha.nt-rt.ru](http://www.maha.nt-rt.ru) | | [mha@nt-rt.ru](mailto:mha@nt-rt.ru)