

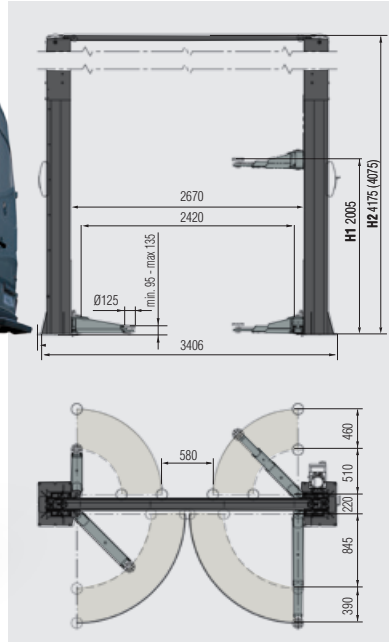


EQUIPMENT CATALOGUE

VOLKSWAGEN GROUP MALAYSIA

Recommended Equipment





VGM KPH 370.42 K
VAR KPH 370.42 K VW



Electro-hydraulic 2 post lift.

Baseless
Capacity: 4.200 kg
Inner clearance between posts: 2.670 mm
Min pad height: 95/135 mm (adjustable)
Pad diameter: 125 mm
Altezza max di sollevamento: 2.005 mm
Ideal for any car and light commercial vehicle up to middle wheelbase versions

Recommended also for Audi R8 and Q7

VGM KPN 250 LIKT
VAR KPN 250 LIKT VW

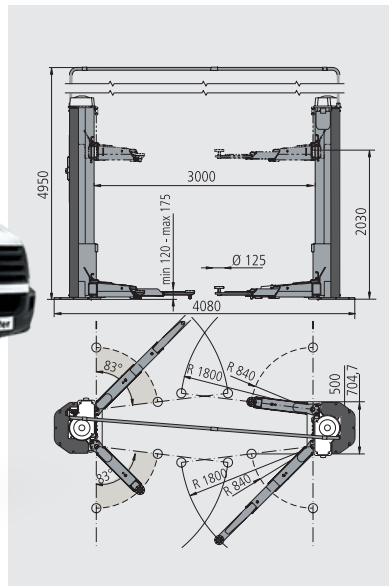


Electromechanical 2 post lift

Baseless
Electronic synchronisation between carriages
Capacity: 5.000 kg
Inner clearance between posts: 3.000 mm
4 extra long arms 1.800 mm
Min pad height: 120 / 175 mm (adjustable)
Pad diameter: 120 mm
Max lifting height: 2.030 mm

Ideal for any car and light commercial vehicle, including long wheel base.

Recommended for VW CRAFTER with 4.350 mm wheelbase



Accessories

VGM S 224 A4: Set of 4 spacers, 140 mm height, for vans and off road vehicles

VGM S370A17: Set of adjustable supports for VW CRAFTER (to be used with S224A4)

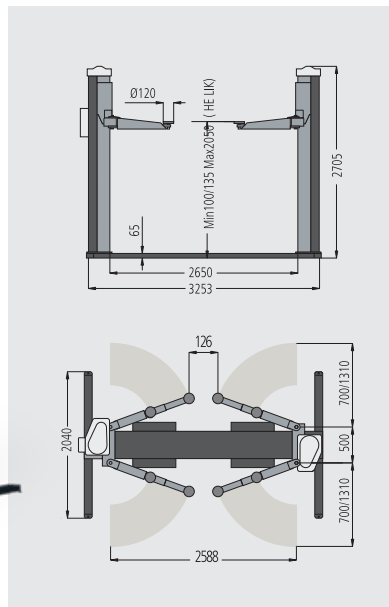
VGM KPN 250 LIK A
VAR KPN 250 LIK A VW



Electromechanical 2 post lift

Baseless
Electronic synchronisation between carriages
Capacity: 5.000 kg
Inner clearance between posts: 2.800 mm
Two long 3-stage arms and two long 4-stage arms
Min pad height: 120 / 175 mm (adjustable)
Pad diameter: 120 mm
Max lifting height: 2.035 mm

Ideal for any car and light commercial vehicle, including long wheel base.



VGM KPS244HEK
VAR KPS 244 HEK VW



Electromechanical 2 post lift

With self-supporting base
Transmission by shaft with conical gear boxes
Capacity: 4.000 kg - twin motor
Inner clearance between posts: 2.650 mm
Min pad height: 100 / 160 mm (adjustable)
Pad diameter: 120 mm
Max lifting height: 2.050 mm

Ideal for any car and light commercial vehicle (excluded long wheel base models)

Recommended also for Audi R8 and Q7
Cannot be used with VAS6131 and VAS6131A

VGM KPS 244 HELIK
VAR KPS 244 HELIK VW



Electromechanical 2 post lift

As VGM KPX244HEK
but equipped with 4 long arms

Specifically recommended for VW Commercial Vehicle Centers
Cannot be used with VAS6131 and VAS6131A

Accessories

VGM S 224 A4: Set of 4 spacers, 140 mm height, for vans and off road vehicles



INGROUND PISTONS LIFTS



VGM RAV 1110 NK VAR RAV 1110 NK VW



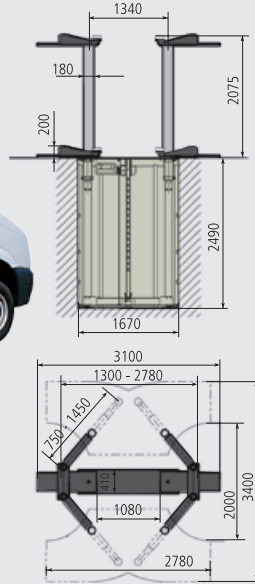
Electro-hydraulic in-ground pistons lift
Capacity: 3.500 kg
Four 3-stage arms
Min pad height: 90/125 (adjustable)
Pad diameter: 120 mm
Max lifting height: 2.045 mm

VGM S 1110 A5

Waterproof frame required for in-ground installation



VGM RAV 1150 U



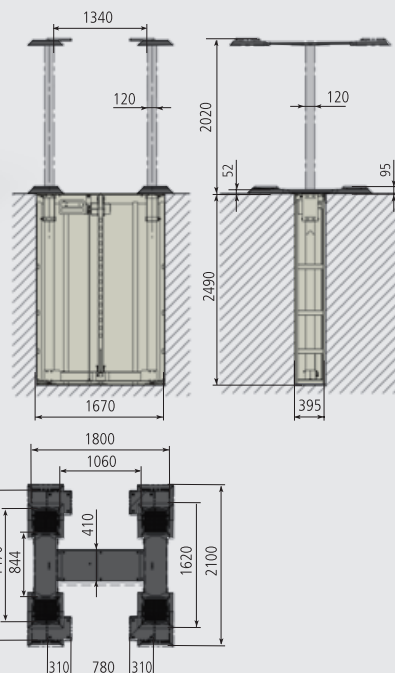
VGM RAV 1150 U VAR RAV 1150 U VW



Electro-hydraulic in-ground pistons lift
Capacity: 5.000 kg
Universal usage - Four long 3-stage arms
Min pad height: 95/130 (adjustable)
Pad diameter: 120 mm
Max lifting height: 2.130 mm

VGM S1150A5

Waterproof frame required for in-ground installation



VGM RAV 1120 VAR RAV 1120 VW



Electro-hydraulic in-ground pistons lift
Capacity: 3.500 kg
"Low profile" lifting plates: thickness 95 mm
Lifting plates length: 1.450 / 1950 mm (extendable)
Plates distance: 810 mm

VGM RAV 1125 M VAR RAV 1125 M VW



Electro-hydraulic in-ground pistons lift
Capacity: 3.500 kg
"Low profile" lifting plates: thickness 95 mm
Lifting plates length: 1.470 / 1950 mm (extendable)
Plates distance: 780 / 1060 mm (adjustable)

VGM S 1110 A5

Waterproof frame required for in-ground installation for VGM RAV 1120 and VGM RAV 1125 M



ELECTRO-HYDRAULIC SCISSORS LIFTS FOR WHEEL ALIGNMENT



VGM RAV 650.2.55 ISI VAR RAV 650.2.55 ISI VW

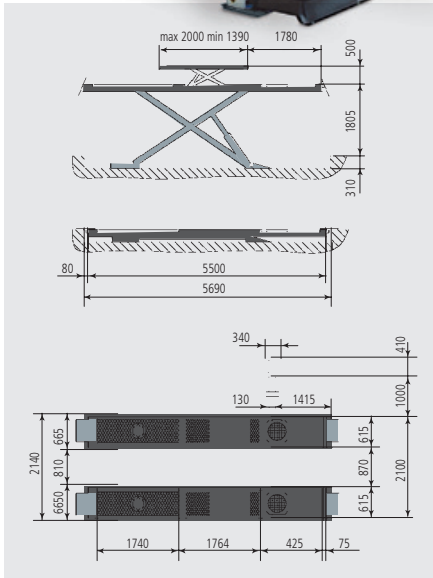


Electro-hydraulic scissor lift
For total wheel alignment

Platforms for total wheel alignment, with front recess for turn plates and rear slip plates with pneumatic locking. Rear low-friction slip plates with pneumatic locking in central position. Transverse and angular movements in both directions.

Includes built-in wheel free lift capacity 4.000 kg
with lifting plates extendable from 1.390 to 2.000 mm

Capacity:	5.000 kg
Runways length:	5.500 mm
Runways width:	615 mm
Max lifting height:	1.805 mm
Installation in-ground	VGM RAV 650.2.55 ISI
Installation above floor	VGM RAV 650.2.55 SI



Accessories

VGM S 650 LA1: spacers for turn plates

VGM RAV 640.2.55 ISI SWA VW



Electro-hydraulic scissor lift
For total wheel alignment

Capacity:	4.200 kg
Runways length:	4.600 mm
Runways width:	615 mm
Max lifting height:	1.805 mm

Perfect runway level granted at 3 heights:

ground level, working height and maximum height.

Transversal and longitudinal tolerance: $\pm 0,5$ mm

Diagonal tolerance: ± 1 mm

Platforms for total wheel alignment, with front recess for turn plates and rear slip plates with pneumatic locking. Rear low-friction slip plates with pneumatic locking in central position. Transverse and angular movements in both directions.

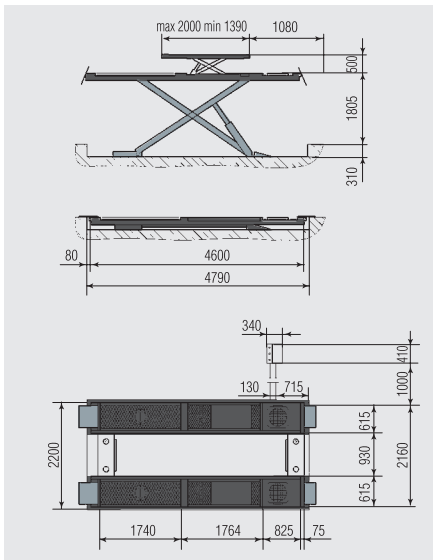
Includes built-in wheel free lift capacity 3.500 kg
with lifting plates extendable from 1.390 to 2.000 mm

Includes 2 units VW wheel free jacks with push button controls for single or synchronized operation.

Equipped with lighting kit.

Includes special spacers for turn plates to enable installation of VAG 1925 cross member.

Installation in-ground	VGM RAV 640.2 ISI SWA VW
Installation above floor	VGM RAV 640.2 SI SWA VW



VGM RAV 635.2 ISI VAR RAV 635.2 ISI VW

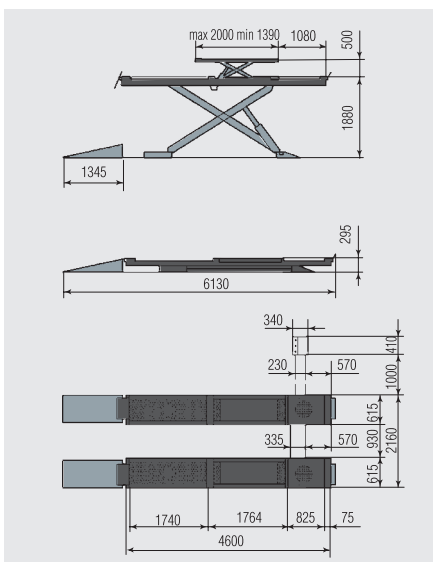


Electro-hydraulic scissor lift
For total wheel alignment

Platforms for total wheel alignment, with front recess for turn plates and rear slip plates with pneumatic locking. Rear low-friction slip plates with pneumatic locking in central position. Transverse and angular movements in both directions.

Includes built-in wheel free lift capacity 3.500 kg
with lifting plates extendable from 1.390 to 2.000 mm

Capacity:	3.500 kg
Runways length:	4.600 mm
Runways width:	615 mm
Max lifting height:	1.805 mm
Installation in-ground	VGM RAV 635.2 ISI
Installation above floor	VGM RAV 635.2 SI



Accessories

VGM S 640 A1: spacers for turn plates



DOUBLE SCISSORS LIFTS



VGM RAV 518 NL VAR RAV 518 NL VW



Low profile double scissors lift

Capacity:	3.000 kg
Min height:	110 mm
Platform length:	1.420 / 1.950 mm (adjustable)
Platform width:	610 mm
Distance between platforms:	800 mm
Platforms required area:	1.950 X 2.020 mm
Max lifting height:	1.900 mm
Version for floor installation	VGM RAV 518 NL
Version for in-ground installation	VGM RAV 518 NLI
Acoustic alarm in the last part of the descent for feet safety	

VGM RAV 535 - UE 2822 VAR RAV 535 VW - UE 2822



Low profile double scissors lift

Capacity:	3.300 kg
Min height:	100 mm
Platform length:	1.420 / 2.050 mm (adjustable)
Platform width:	610 mm
Distance between platforms:	800 mm
Platforms required area:	2.050 X 2.020 mm
Max lifting height:	1.900 mm
Version for floor installation	VGM RAV 535
Version for in-ground installation	VGM RAV 535 I
Acoustic alarm in the last part of the descent for feet safety	
Recommended for Audi Q7	



VGM RAV 540 VAR RAV 540 VW



Double scissors lift

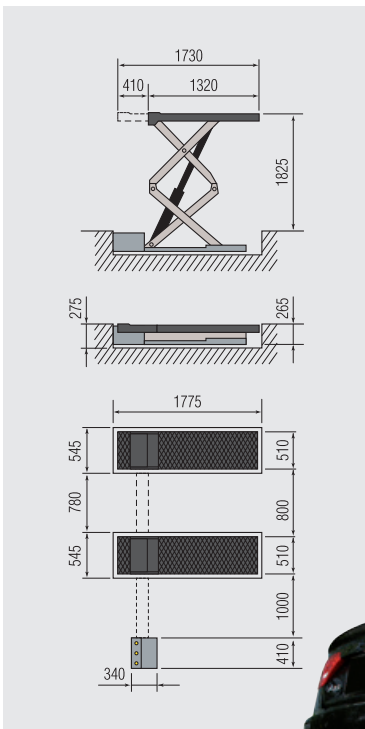
Capacity:	4.000 kg
Min height:	135 mm
Platform length:	1.450 / 2.080 mm (adjustable)
Platform width:	620 mm
Distance between platforms:	790 mm
Platforms required area:	2.060 X 2.030 mm
Max lifting height:	2.000 mm
Version for floor installation	VGM RAV 540
Version for in-ground installation	VGM RAV 540 I
Acoustic alarm in the last part of the descent for feet safety	
Recommended for Audi Q7	



VGM RAV 508 I  
VAR RAV 508 I VW

Double scissors for in-ground installation

Capacity:	3.000 kg
Thickness:	265 mm
Platform length:	1.320 / 1.730 mm (adjustable)
Platform width:	510 mm
Distance between platforms:	800 mm
Platforms required area:	1.775 X 1.870 mm
Max lifting height:	1.825 mm
Installation:	ad incasso
Acoustic alarm in the last part of the descent for feet safety	



VGM RAV 1450 N  
VAR RAV 1450 N VW

Mid-rise mobile scissors lift

Capacity:	3.200 kg
Thickness:	100 mm
Platform length:	1.420 / 1.950 mm (adjustable)
Platform width:	420 mm
Distance between platforms:	900 mm
Platforms required area:	1.950 X 1.740 mm
Max lifting height:	1.000 mm
Installation:	above floor, mobile
Acoustic alarm in the last part of the descent for feet safety	
Recommended for tyre service and body shop	

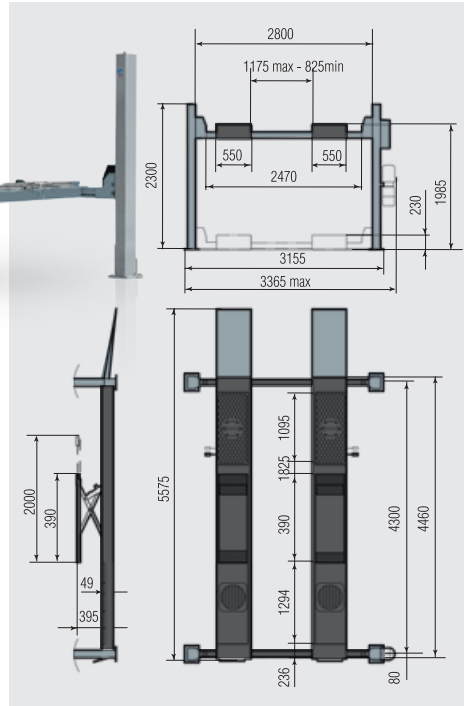
Accessori

VGM S 1450 NA1: Portable lift kit
 (lift without vehicle)





4 POST LIFTS



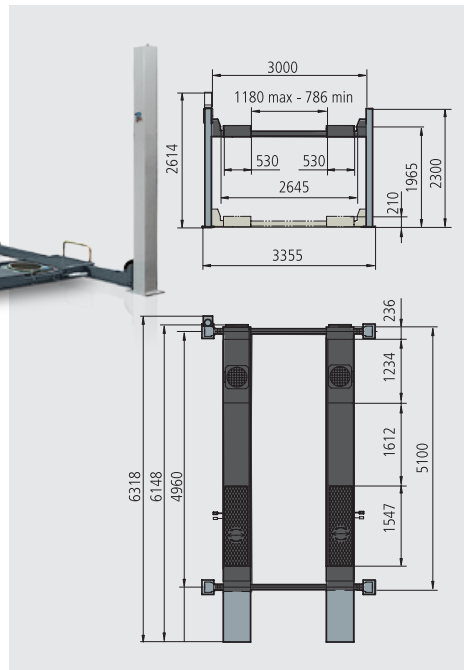
VGM RAV 4402 SI VAR RAV 4402 SI VW



Electro-hydraulic 4-post lift

For total wheel alignment

Capacity:	4.000 kg
Runways length:	4.460 mm
Runways width:	550 mm
Max lifting height:	1.985 mm
Inner clearance between posts:	2.800 mm
Equipped with rear slip plates with angular and transversal movement in both directions.	
Equipped with built-in wheel free lift, capacity 3.500 kg, with lifting plates length adjustable from 1.390 to 2.000 mm.	



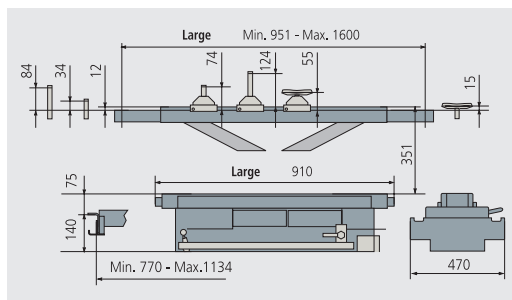
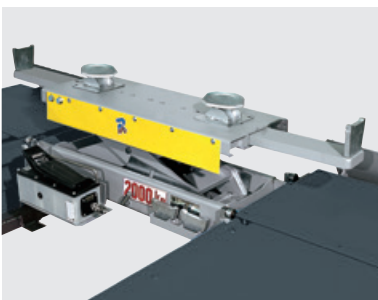
VGM RAV 4502E VAR RAV 4502E VW



Electro-hydraulic 4-post lift

For total wheel alignment

Capacity:	5.000 kg
Runways length:	5.700 mm
Runways width:	530 mm
Max lifting height:	1.965 mm
Inner clearance between posts:	3.000 mm
Equipped with rear slip plates with angular and transversal movement in both directions.	



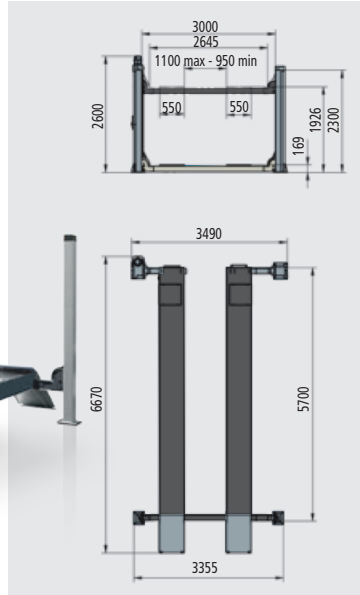
VGM J20PNXL

Air hydraulic wheel free jack (for four post lifts)

Operated by an air-hydraulic pump

Scissors lift, with extendable lifting arms with extra-long reach up to 1.600 mm

Capacity:	2.000 kg
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4 POST LIFTS

VGM RAV 4503OF VAR RAV 4503OF VW



Electro-hydraulic 4-post lift.

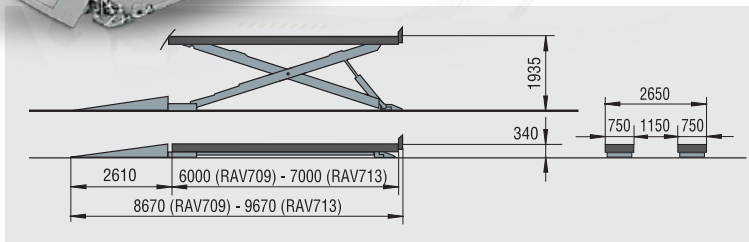
Capacity:	5.000 Kg
Runways length:	5.700 mm
Runways width:	550 mm
Max lifting height:	1.926 mm
Inner clearance between posts:	3.000 mm

Open front lift, with no cross member at the front to allow free movement of the user.

Capacity and platform length allow operation on the latest generation of light commercial vehicles, which are longer and heavier than past models.

Any car or SUV can be also loaded on these models.

Other versions are also available for total wheel alignment, with or without additional wheel free lift.



ELECTRO-HYDRAULIC SCISSORS LIFTS

VGM RAV 709N VAR RAV 709N VW



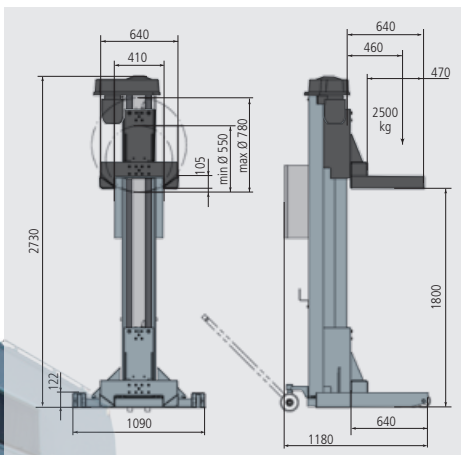
Electro-hydraulic scissors lift.

Capacity:	9.000 kg
Runways length:	6.000 mm
Runways width:	750 mm
Inner clearance between posts:	1.150 mm
Max lifting height:	1.935mm

Ideal for lifting of heavy weight commercial vehicles (VW CRAFTER), also for special versions equipped as mobile home or other special versions.

Installation above floor.

Also available for in-ground installation VGM RAV 709 NI



MOBILE COLUMN LIFTS

VGM RAV 212NC VAR RAV 212NC VW



Electromechanical mobile column lift.

Version of indoor use.

Set made by 4 mobile columns.

Capacity each column:	2.500 kg
Total capacity:	10.000 kg
Lifting height:	from 0 to 1.800 mm

Equipped with one lever for column movement.

Ideal for lifting of heavy weight commercial vehicles (VW CRAFTER), also for special versions equipped as mobile home or other special versions, and also for light trucks.

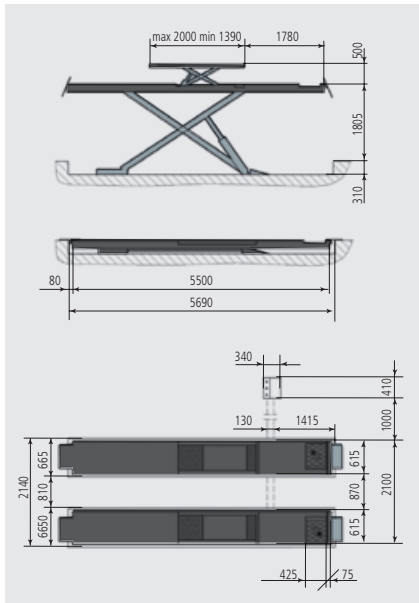




ELECTRO-HYDRAULIC SCISSOR LIFT



Quick reception lifts equipped with hydraulic play detector and built-in wheel free lift

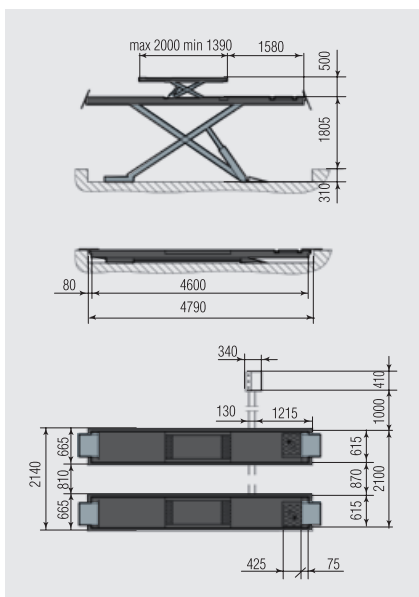


VGM RAV 650.6.55 ISI VAR RAV 650.6.55 ISI VW



Electro-hydraulic scissor lift

Capacity:	5.000 kg
Runways length:	5.500 mm
Includes built-in wheel free lift capacity 4.000 kg with lifting plates extendable from 1.390 to 2.000 mm	
Installation in-ground	VGM RAV 650.6.55 ISI
Installation above floor	VGM RAV 650.6.55 SI
Max lifting height:	1805 mm



VGM RAV 635.4 ISI VAR RAV 635.4 ISI VW

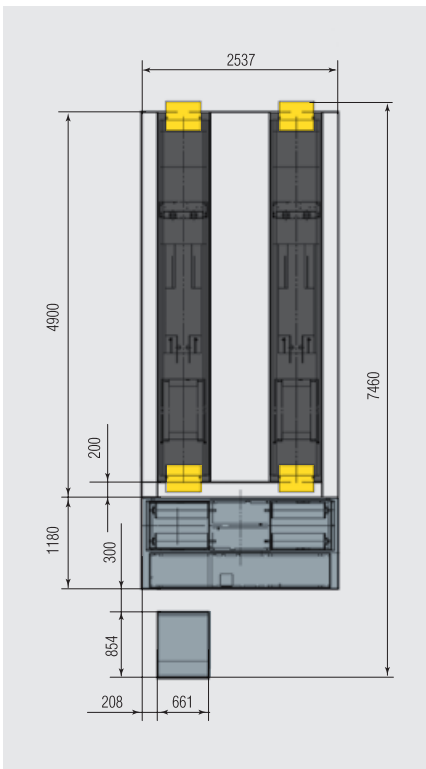


Electro-hydraulic scissor lift

Capacity:	3.500 kg
Runways length:	4.600 mm
Includes built-in wheel free lift capacity 3.500 kg with lifting plates extendable from 1.390 to 2.000 mm	
Installation in-ground	VGM RAV 635.4 ISI
Installation above floor	VGM RAV 635.4 SI
Max lifting height:	1805 mm



BRAKES AND SIDE SLIP TESTER



Management console for test lane for cars and light commercial vehicles
Equipped with TFT SVGA colour monitor

Roller brake tester for cars and light commercial vehicles
Power 4,7 + 4,7 Kw
Braking measurement up to 6000N
With built-in weighing unit
Equipped with self-braking motors

Side slip tester (tracking) for cars and light commercial vehicles

Plase note: This lay-out refers to a test lane installed in "Direct Reception" Area.
This should include a lift, which in this case has 4.600 mm runways.
It is also possible to install lift with 5.100 mm runways



The COMPANY was established in 1958 as a manufacturer of equipment for vehicle servicing and repairing. The company headquarters were in Bologna, in a region where the concentration of motor vehicles manufacturing is high.

In 1981 the company moved to its current headquarters at Pontecchio Marconi where, besides better production facilities, it found more suitable answers to its need for more adequate management, technical and administrative office, showroom, meeting and training space. Subsequent expansion and modernisation over an area of 80,000 sq m provided the company with a working area of 32,000 sq m.

In 1997, a new production unit was set up at Ostellato (Ferrara), on a 60,000 sq m area, 9,800 sq m of which were first covered, and then extended to 18,000 sq m in 2006. The production lines of tyre changers and balancers are located in this plant, as well as the main metal working division and the hydraulic pistons division.

Since 1998 a new unit is operational, for the production of wheel alignment and test lanes. The plant is located in Trana, on the outskirts of Turin, on a 10,000 sq m area, 4,500 sq m of which are covered.

Recently the production organisation has been increased by a factory in the Reggio Emilia area, specialised in the design and production of top range tyre changers and accessories for tyre service.



SINCE 1958

COMPANY WITH
QUALITY SYSTEM
CERTIFIED BY DNV GL
= ISO 9001 =

Ravaglioli

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