



Automotive lifts from Bosch

Reaching new heights



BOSCH

Invented for life

For each workshop type:

The new automotive lifts from Bosch

Electromechanical

2-post lifts

- ▶ VLE 2130
- ▶ VLE 2130F
- ▶ VLE 2130E
- ▶ VLE 2130EL
- ▶ VLE 2140EL

Electrohydraulic

2-post lifts

- ▶ VLH 2140
- ▶ VLH 2155

4-post lifts

- ▶ VLH 4145
- ▶ VLH 4245
- ▶ VLH 4345

Scissor lifts

- ▶ VLS 3130
- ▶ VLS 3132H
- ▶ VLS 5140
- ▶ VLS 5150



Boost for workshop business:

Automotive lifts from Bosch



Hardly any other equipment in the workshop is used as often as the lifts. For inspections of the vehicle's underbody, brake repair and a lot more. The lift moves the vehicle to an ergonomic height, thus making repairs easier to carry out.

New! Electrohydraulic 2-post lifts

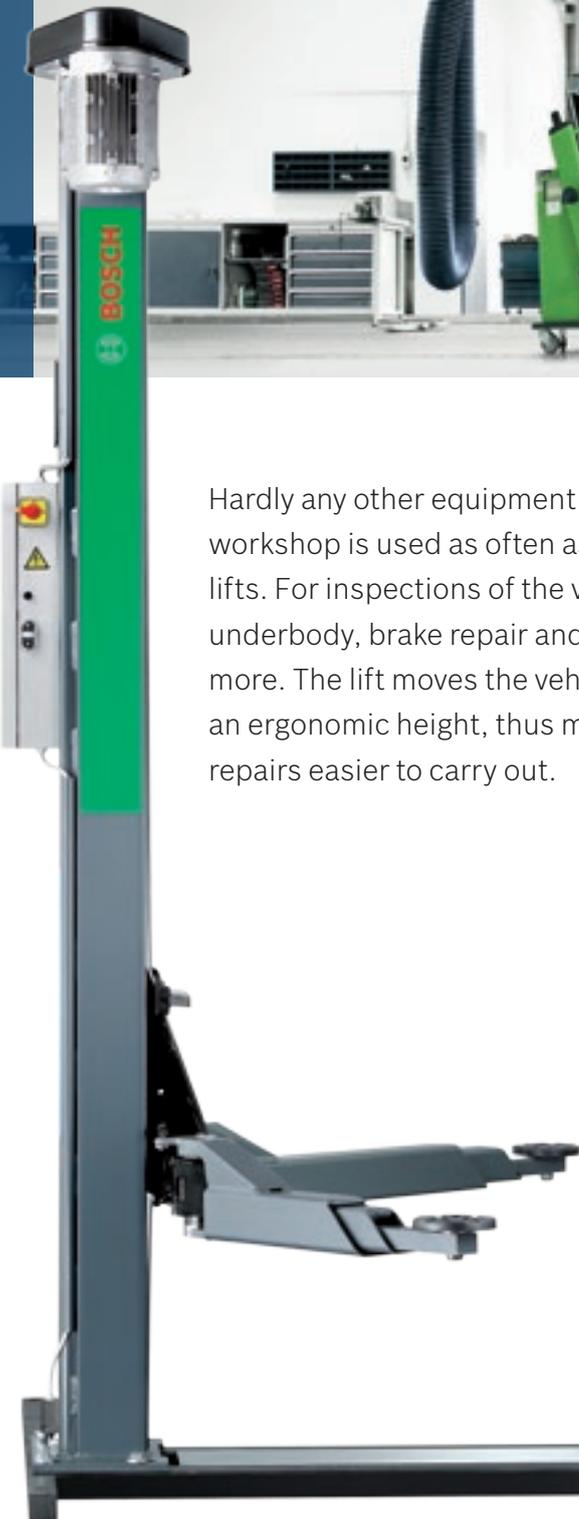
Hydraulic instead of mechanical: On the new electrohydraulic 2-post lifts from Bosch, two hydraulic cylinders generate the lifting movement. As no mechanical parts are moved, they cannot wear. This lowers maintenance costs substantially.

The series of 2-post, 4-post and scissor lifts from Bosch

All lift versions are equipped with the latest technology and provided with comprehensive expansion options. This ensures flexible and smooth vehicle service.

For all tasks in the workshop

Lifts from Bosch are cut out for a wide variety of tasks that arise in an automotive repair workshop. Different versions have their particular strengths: For example, the capacity to retrofit wheel alignment, lifting vehicles with a long wheelbase, or mobile application in different areas of the workshop.



Electromechanical 2-post lifts:

For fast service work



VLE 2130 – with chain drive
VLE 2130F – with chain drive, self-bearing base frame

VLE 2130: Saves space, ergonomic

2-post lifts save space. Maintenance and service tasks can be carried out quickly. The wide pivot range of the support arms and ergonomic design permit trouble-free lifting of vehicles with short and long wheelbases.

Ideal for fast lifting and lowering

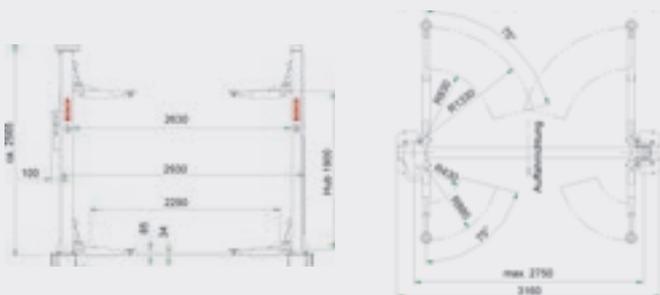
Two-post lifts use mechanical technology that has proved its value many times over with a lifting spindle and nuts in the individual posts. Bosch lifts of this design can be used for a wide variety of tasks and lift and lower vehicles in a short space of time.



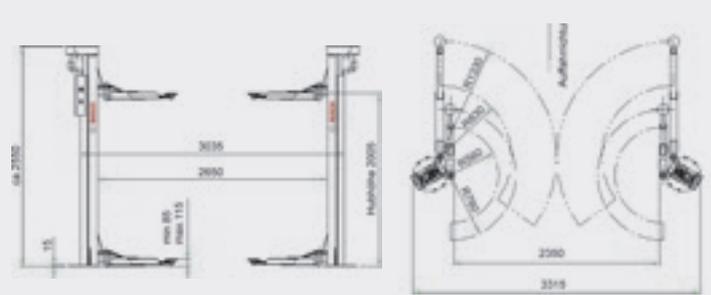
VLE 2130E – no connection

VLE 2130: Benefits to the workshop

- ▶ Inexpensive introductory model
- ▶ Lifting time only 45 seconds
- ▶ Minimal wear thanks to special bronze lifting nut
- ▶ Less maintenance through self-lubricating lifting spindle
- ▶ Comfortable work under the vehicle thanks to a lifting height of 2,000 mm
- ▶ Also suitable for lowered sports cars:
Low pad height of 85 mm
- ▶ Flexible, gap-free lifting spindle cover – oil can escape but the platform remains clean
- ▶ Low reinforcement of the lifting arms and door stop made of rubber prevent damage when the vehicle door is opened
- ▶ Effortless operation via push buttons instead of rotary handles



VLE 2130 – with chain drive
VLE 2130F – with chain drive, self-supporting base frame



VLE 2130E – no connection



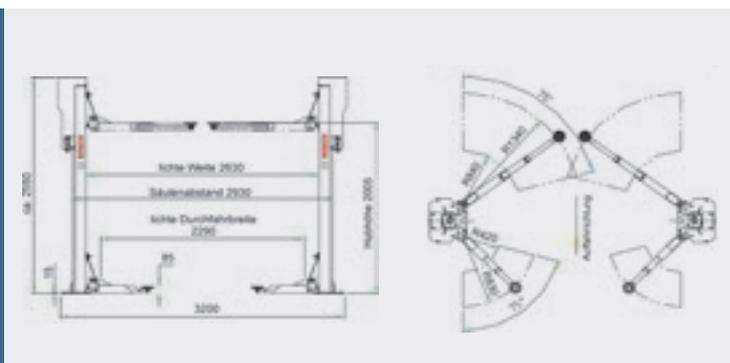
VLE 2130EL – no connection, with additional functions

VLE 2130EL: For passenger cars to light transports

Two-post lifts from Bosch are suitable for almost all types of light vehicles and for many transporters and commercial vehicles.

Benefits to the workshop

- ▶ No connection
- ▶ Incl. energy set with two compressed air plugs (1 per post), a 220 V socket on the main post
- ▶ Lifting time only 45 seconds
- ▶ Adjustable length of support arms from 420 mm to 830 mm for extended lifting options
- ▶ Complete covering of electric motors for sound insulation



VLE 2130EL – no connection, with additional functions



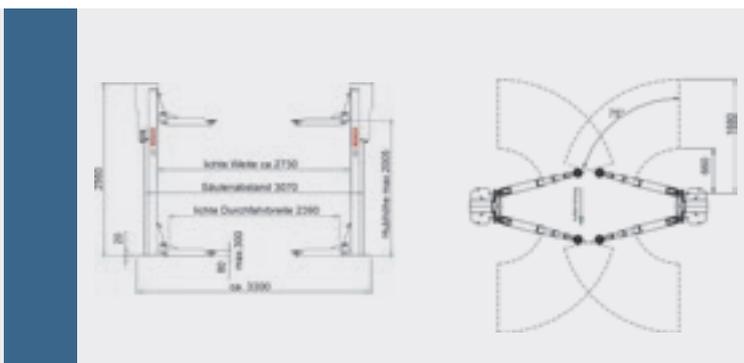
VLE 2140EL – no connection, with additional functions

VLE 2140EL: Higher load capacity for commercial vehicles

This universal 2-post lift raises up to 4 metric tons, thus extending the operating area of your workshop.

Benefits to the workshop

- ▶ 4-piece, symmetrical support arms specially designed for easy lifting of transporters and small commercial vehicles (also for passenger cars)
- ▶ Very long symmetrical support arms up to 1,680 mm for lifting long vehicles



VLE 2140EL – no connection, with additional functions

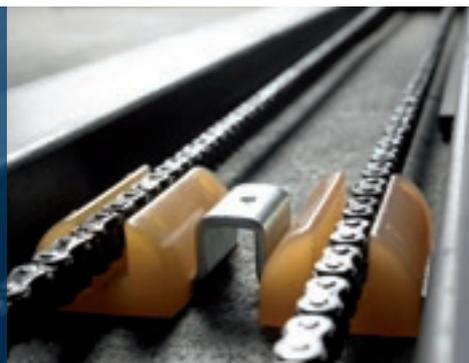
Electromechanical 2-post lifts:

Technical data

	VLE 2130 / VLE 2130F	VLE 2130E	VLE 2130EL	VLE 2140EL
Order number	1 692 822 301/1 692 822 311	1 692 822 304	1 692 822 307	1 692 822 401
Load capacity	3 metric tons	3 metric tons	3 metric tons	4 metric tons
Drive motor	1 x 3.0 kW	2 x 2.5 kW	2 x 3.0 kW	2 x 3.0 kW
Motor overload protection	✓	✓	✓	✓
Lifting spindle, self-lubricating	✓	-	✓	✓
Operating unit	Push buttons	Reversing switch	Push buttons	Push buttons
Support arms	3-piece, front/2-piece, rear	2-piece	3-piece, front/2-piece, rear	4-piece
Lifting nut material	Special bronze	Plastic	Special bronze	Special bronze
Lift truck guide	6 track rollers	4 track rollers	6 track rollers	6 track rollers
Height without cable bridge	2,565 mm/2,615 mm	2,550 mm	2,550 mm	2,560 mm
External width	3,160 mm/3,000 mm	3,315 mm	3,200 mm	3,300 mm
Drive-through width	2,230 mm	2,350 mm	2,290 mm	2,390 mm
Post distance, inner	2,630 mm	2,650 mm	2,630 mm	2,730 mm
Long support arms, front	430–880 mm	560–760 mm	420–830 mm	660–1,680 mm
Long support arms, rear	830–1,330 mm	830–1,330 mm	840–1,340 mm	660–1,680 mm
Pad height	85 mm/100 mm	85 mm	85 mm	85 mm
Max. height of pick-up pad	30 mm	30 mm	30 mm	30 mm
Locating plate diameter	130 mm	130 mm	130 mm	130 mm
Maximum lifting height	2,005 mm	2,005 mm	2,005 mm	2,005 mm
Chain cover height	34 mm/50 mm	-	-	-
Lifting time	45 s	50 s	45 s	45 s
Minimum concrete thickness	140 mm (only F) Grade C20/25	210 mm Grade C20/25	210 mm Grade C20/25	210 mm Grade C20/25
Power supply	400 V/50 Hz 3 ph/16 A/T+N	400 V/50 Hz 3 ph/16 A/T+N	400 V/50 Hz 3 ph/16 A/T+N	400 V/50 Hz 3 ph/16 A/T+N
CE certification	✓	✓	✓	✓
Net weight	600 kg/680 kg	550 kg	650 kg	750 kg
Post profile 10 mm thick,	Special rolled section 10 mm thick, very robust	Special rolled section 10 mm thick, very robust	Special rolled section 10 mm thick, very robust	Special rolled section very robust
Support arm lock	Automatic, via screw thread	Automatic, via gears	Automatic, via screw thread	Automatic, via screw thread



Support arms, front/rear



Chain drive for secondary post



Rubber door stop

Electromechanical 2-post lifts:

Special accessories

Description	Order number	VLE 2130	VLE 2130F	VLE 2130E	VLE 2130EL	VLE 2140EL
Oil for drive screw	1 692 871 003	✓	✓	–	✓	✓
Spacer sleeve set 35 mm	1 692 872 142	✓	✓	✓	✓	✓
Spacer sleeve set 90 mm	1 692 872 143	✓	✓	✓	✓	✓
Spacer sleeve set 180 mm	1 692 872 144	✓	✓	✓	✓	✓
Support for spacer sleeves	1 692 872 145	✓	✓	✓	✓	✓
Pick-up pad, diameter 100 mm	1 692 872 146	✓	✓	–	✓	✓
Additional pick-up pad for cross-country vehicles	1 692 872 147	✓	✓	✓	✓	✓
Set of storage trays (4 pieces)	1 692 872 148	✓	✓	✓	✓	✓
Manual release mechanism	1 692 872 149	✓	✓	–	✓	✓
Ceiling cut-off, light barrier	1 692 872 152	✓	✓	✓	✓	✓
Lashing straps for securing during unit removal	1 692 872 154	✓	✓	✓	✓	✓
Base frame for VLE 2130	1 692 822 069	✓	–	–	–	–
Fastening material M12	1 692 872 157	–	✓	–	–	–
Fastening material M16	1 692 872 158	✓	–	✓	✓	✓
Fastening material M16	1 692 872 159	✓	–	–	–	–
Set of securing brackets for base plates	1 692 872 161	–	–	✓	–	–
Set of securing brackets for base plates	1 692 872 162	–	–	–	✓	–
Set of securing brackets for base plates	1 692 872 163	–	–	–	–	✓



Drive-screw cover
(Type of lift “E”)

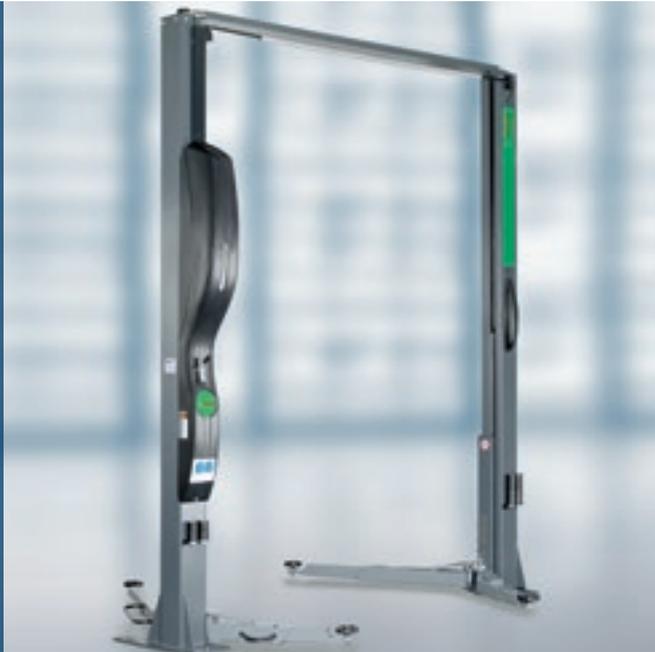
Support arm lock
(Type of lift “E”)

Lifting and lowering using
practical push buttons
(Type of lift “EL”)

Oiler for automated lubrication
(Type of lift “EL” and “F”)

Electrohydraulic 2-post lifts:

Powerful, quiet and wear-free



VLH 2140 – hydraulic 2-post lift (optionally with 2 x 230V plugs)

VLH 2140: full deployment and little maintenance

The main advantages of the electrohydraulic drive are the long service life, low maintenance requirement, and reduced energy consumption. As the lift is hydraulic, there is no wear on supporting nuts. For a load capacity of 4 metric tons, both the top quality and the price-performance ratio are convincing.

Benefits to the workshop

- ▶ Base free, electrohydraulic 2-post lifts, 4 metric tons
- ▶ Covered hydraulic power unit from Bosch Rexroth with low noise development
- ▶ Optimized engineering design to lift passenger cars. Lifting carriages rotated by 45° ensure maximum door clearance and are helpful when lifting vehicles with both short and long wheelbases.
- ▶ Compatible with passenger cars, many vans and small trucks

- ▶ Scope of delivery: 4 pad spacers 50 mm and 4 pad spacers 100 mm with mounting on the posts
- ▶ Upper end limit switch (two functions):
 1. Shutoff at maximum lifting height
 2. Protection of the vehicle's roof
- ▶ Optionally: Post height from 3,670 mm to 4,650 mm, plus 2 types of support arms (normal or long)
- ▶ Lowering without power: The lowering speed can be adjusted steplessly, which means vehicles can be positioned at exact heights.
- ▶ Automatic safety latching device (in both posts)
- ▶ Synchronized running by mean of wire ropes
- ▶ Two maintenance-free hydraulic cylinders, hydraulic components of the highest quality
- ▶ “Made in EU”
- ▶ Only metallic hydraulic lines, no high-pressure hose



Lifting pad with/without spacer



Latch device



Raise



Lower



Door guard



VLH 2155 – hydraulic 2-post lift (optionally with 2 x 230V plugs)

VLH 2155: A professional lift for transporter

The powerful hydraulic unit made by the specialist Bosch Rexroth positions heavy vehicles of up to 5.5 metric tons precisely and with a minimum of noise. Optimized engineering design makes it easier to accept vans and small trucks and it is also compatible with most passenger cars.

Benefits to the workshop

- ▶ Base free, electrohydraulic 2-post lift, Load capacity: 5.5 metric tons
- ▶ Covered hydraulic power unit from Bosch Rexroth with low noise development
- ▶ Optimized engineering design with symmetrical support arms to accommodate vans and small passenger cars
- ▶ Compatible with most passenger cars
- ▶ Scope of delivery: 4 pad spacers 50 mm and 4 pad spacers 100 mm with mounting on the posts
- ▶ Upper end limit switch (two functions):
 1. Shutoff at maximum lifting height
 2. Protection of the vehicle's roof (switch activation bar under the main bridge)
- ▶ Optionally: Post height from 4,000 mm to 4,900 mm. Plus 2 types of symmetrical support arms (normal or long)
- ▶ Lowering without power: The lowering speed can be adjusted steplessly. This means vehicles can be positioned at exact heights.
- ▶ Automatic safety latching devices (in both posts)
- ▶ Synchronized running by mean of wire ropes
- ▶ Two maintenance-free hydraulic cylinders, hydraulic components of the highest quality
- ▶ Only metallic hydraulic lines, no high-pressure hose
- ▶ “Made in EU”



Lifting pad with/without spacer (100 mm)



Upper end limit switch with two functions



Self-centering reversed cylinder

Electrohydraulic 2-post lifts:

Technical data and equipment

Type	VLH 2140	VLH 2155
Drive	Electrohydraulic	Electrohydraulic
Load capacity	4 metric tons	5.5 metric tons
Cable bridge	✓	✓
Drive motor	2.2 kW	3.0 kW
Motor overload protection	✓	✓
Up/down control	Lever	Lever
Maintenance-free hydraulic cylinders, number	2	2
Synchronized running control	Via 2 wire ropes	Via 2 wire ropes
Safety lock	Mechanical safety pawl in every post, with automatic operation	Mechanical safety pawl in every post, with automatic operation
Hydraulic oil***, fill volume	8 l	8 l
Overall height (H _G)	Depending on variant*	Depending on variant**
Shutoff height (H _L)	H _G - 120 mm	H _G - 143 mm
Overall width (B _G)	3,035 mm	3,600 mm
Drive-through width (B _H)	2,240 mm	2,765 mm
Post spacing, inside (B _L)	2,565 mm	3,000 mm
Maximum lifting height (H _o)	1,851 mm	1,985 mm
Lifting time	32 seconds	36 seconds
Minimum concrete thickness	210 mm Grade C20/25	230 mm Grade C20/25
Power supply	400 V/50 Hz/3ph/16A/E+N	400 V/50 Hz/3ph/16A/E+N
CE certification	✓	✓
Net weight	638 kg	861 kg
Automatic arm lock	✓	✓

Versions with normal telescopic support arms

Support arms	2-part	3-part
Length of support arms, front min./max. (L _K)	570 - 890 mm	700 - 1,421 mm
Length of support arms, rear min./max. (L _L)	930 - 1,480 mm	700 - 1,421 mm
Pad height (H _J) minimum/maximum	100/135 mm	135/169 mm
Pad diameter	120 mm	120 mm

Versions with long telescopic support arms

Support arms	3-part	3-part
Length of support arms, front min./max. (L _K)	726 - 1,447 mm	900 - 2,000 mm
Length of support arms, rear min./max. (L _L)	726 - 1,447 mm	900 - 2,000 mm
Pad height (H _J) minimum / maximum	100/135 mm	156/190 mm
Pad diameter	120 mm	120 mm

*** Type ISO 32, not in the scope of delivery

*Variants:	VLH 2140 with normal support arms	VLH 2140 with long support arms
Total height (H _G):	Order number	Order number
3,670 mm	1 692 821 441	1 692 821 444
4,000 mm	1 692 821 411	1 692 821 421
4,200 mm	1 692 821 412	1 692 821 422
4,400 mm	1 692 821 413	1 692 821 423
4,650 mm	1 692 821 414	1 692 821 424

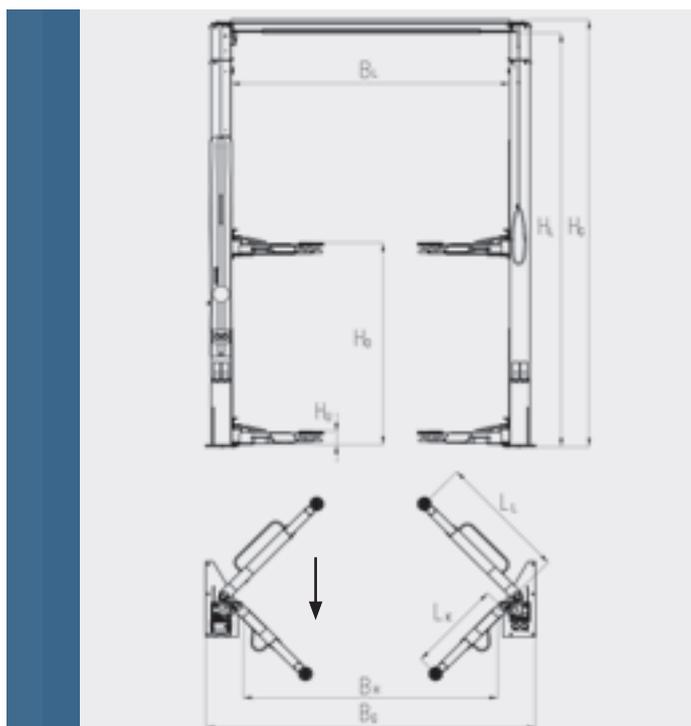
**Variants:	VLH 2155 with normal support arms	VLH 2155 with long support arms
Total height (H _G):	Order number	Order number
4,000 mm	1 692 821 511	1 692 821 521
4,300 mm	1 692 821 512	1 692 821 522
4,600 mm	1 692 821 513	1 692 821 523
4,900 mm	1 692 821 514	1 692 821 524

Electrohydraulic 2-post lifts:

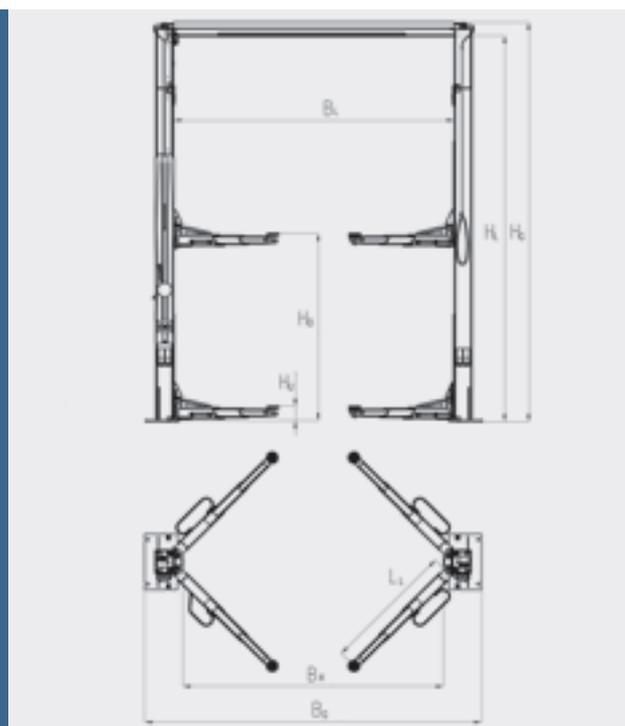
Accessories

Description	Order number	VLH 2140	VLH 2140	VLH 2155	VLH 2155
		normal support arms	long support arms	normal support arms	long support arms
Set +300 mm support arm extensions (4 units)	1 692 871 402	✓	-	-	-
Set +300 mm support arm extensions (4 units)	1 692 871 523	-	-	✓	-
Set of 2 long support arms 930-1,480 mm	1 692 871 403	✓	-	-	-
Set of pad spacers +150 mm (4 units)	1 692 871 497	✓	✓	✓	✓
Set of pad spacers +250 mm (4 units)	1 692 871 498	✓	✓	✓	✓
Set of lifting saddles with retaining raised edges (4 units)	1 692 871 526	✓	✓	✓	✓
Electrical box with 2 x 230 V plugs	1 692 871 527	✓	✓	✓	✓
Hydraulic oil, 5 liters	1 692 872 372	✓	✓	✓	✓
Fastening material M16	1 692 872 158	✓	✓	✓	✓
Lashing straps for securing when removing heavy parts from the vehicle	1 692 872 154	✓	✓	✓	✓

Components (complete) for height adjustment	VLH 2140	VLH 2155
Set, post extension (height 3,670 mm)	1 692 821 451	-
Set, post extension (height 4,000 mm)	1 692 821 452	1 692 821 551
Set, post extension (height 4,200 mm)	1 692 821 453	-
Set, post extension (height 4,300 mm)	-	1 692 821 552
Set, post extension (height 4,400 mm)	1 692 821 454	-
Set, post extension (height 4,600 mm)	-	1 692 821 553
Set, post extension (height 4,650 mm)	1 692 821 455	-
Set, post extension (height 4,900 mm)	-	1 692 821 554



VLH 2140 – with hydraulic drive
The exact dimensions can be found on page 10



VLH 2155 – with hydraulic drive
The exact dimensions can be found on page 10

4-post lifts:

Perfect for wheel alignment

Top quality and long service life, low maintenance requirements, simple and safe operability and numerous application options: vehicle reception, inspection, repair and wheel alignment, etc. The Bosch series of 4-post lift platforms is the first choice for comprehensive repair work on passenger cars, transporters and commercial vehicles.

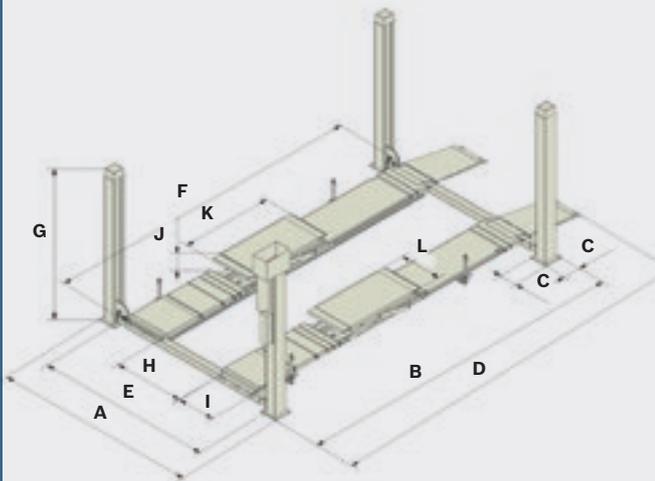
Order numbers:

VLH 4145	1 692 841 411
VLH 4145L	1 692 841 441
VLH 4245	1 692 841 451
VLH 4245L	1 692 841 461
VLH 4245A	1 692 841 471
VLH 4245LA	1 692 841 481
VLH 4345	1 692 841 511
VLH 4345L	1 692 841 521
VLH 4345A	1 692 841 531
VLH 4345LA	1 692 841 501



VLH 4345LA – with integrated wheel-free lift and equipment for wheel alignment

4-post lift dimensions



Perfect for repair, wheel alignment and inspection

VLH 4145 and VLH 4245: Very adaptable

- ▶ Integrated wheel-free lift, load capacity 2.5 metric tons: By means of adjustable lifting tables, adapts to the various wheelbases
- ▶ Complete equipment for wheel alignment (VLH 4245A, VLH 4245LA) with recesses for turntable* (front) and long lockable sliding plates (rear)
- ▶ Reduced external dimensions for shorter track length (4.4 m/VLH 4145): Fits in every workshop – even where space is limited
- ▶ Medium track length (4.81 m/VLH 4245): The best compromise between external dimensions and track length

VLH 4345: Top performance for transporters and commercial vehicles

- ▶ Longer track length (5.07 m/VLH 4345): Uncompromising, also for long vehicles
- ▶ Integrated lifting tables of wheel-free lift, load capacity 3.5 metric tons, with front and rear lifting table extensions
- ▶ Complete equipment for wheel alignment (VLH 4345A, VLH 4345LA) with recesses for turntable* (front) and long lockable sliding plates (rear)
- ▶ Turntable can be positioned anywhere in the front area of the tracks

*Turntable not included in the equipment supply

Dimensions in mm

Lift platform type:	A	B	C	D	E	F	G	H	I	J	K	L
VLH 4145	3,220	4,570	280	5,560	2,780	4,440	2,300	980 1,190	500			
VLH 4145L	3,220	4,570	280	5,560	2,780	4,440	2,300	980 1,190	500	450	1,400 1,900	620
VLH 4245 VLH 4245A	3,220	4,940	280	5,930	2,780	4,810	2,300	980 1,190	500			
VLH 4245L VLH 4245LA	3,220	4,960	280	5,930	2,780	4,810	2,300	980 1,190	500	450	1,400 1,900	620
VLH 4345 VLH 4345A	3,220	5,200	280	6,190	2,780	5,070	2,300	850 1,070	630			
VLH 4345L VLH 4345LA	3,220	5,200	280	6,190	2,780	5,070	2,300	850 1,070	630	450	1,400 1,900	665

4-post lifts:

Technical data

	VLH 4145	VLH 4245	VLH 4345
Load capacity	4.5 metric tons	4.5 metric tons	4.5 metric tons
Min. height	135 mm	135 mm	135 mm
		185 mm (A + LA Models)	185 mm (A + LA Models)
Max. height	1,850 mm	1,850 mm	1,850 mm
Length of tracks	4,400 mm	4,810 mm	5,070 mm
Width of tracks	500 mm	500 mm	630 mm
Drive-through width	2,780 mm	2,780 mm	2,780 mm
Lifting time	35 Sek.	35 Sek.	35 Sek.
Dimensions	5,570 x 3,220 x 2,510 mm	5,930 x 3,220 x 2,510 mm	6,190 x 3,220 x 2,510 mm
Power and air supply	400 V/3 ph/50 Hz/ T+N/16 A	400 V/3 ph/50 Hz/ T+N/16 A	400 V/3 ph/50 Hz/ T+N/16 A
Motor	3.0 kW	3.0 kW	3.0 kW
Max. oil pressure	190 bar	190 bar	190 bar
Compressed air	ca. 8 bar	ca. 8 bar	ca. 8 bar
Minimum concrete thickness	150 mm Güte C20/25	150 mm Güte C20/25	150 mm Güte C20/25
Auxiliary lift ("L" versions)			
load capacity	3.5 metric tons	3.5 metric tons	3.5 metric tons
Max. height	450 mm	450 mm	450 mm
Table length	1,400/1,900 mm	1,400/1,900 mm	1,400/1,900 mm
Lifting time	15 Sek.	15 Sek.	15 Sek.
Equipment for wheel alignment ("A" versions)			
Recesses at front for turntable	✓	✓	✓
Sliding plates, rear	✓	✓	✓
Net weight	1,000 kg	1,200 kg	1,400 kg
"L" versions	3,5 t	3,5 t	3,5 t
"A" versions		1,600 kg	1,800 kg
"LA" versions		1,800 kg	2,000 kg
CE certification	✓	✓	✓



Pneumatic release



Noise-free unit



Filler pieces and covers for turntables – standard with "A-platforms"

4-post lifts:

Special accessories

Art. description	Order number	VLH 4145	VLH 4145L	VLH 4245 VLH 4245A	VLH 4245L VLH 4245LA	VLH 4345 VLH 4345A	VLH 4345L VLH 4345LA
Drive-on ramps with anti-roll protection (2 pieces) – Above floor configuration	1 692 872 350	✓	✓	✓	✓	✓	✓
Drive-on ramps (4 pieces) – In ground configuration	1 692 872 351	✓	✓	✓ ²	✓ ³	✓ ¹	✓ ⁴
Drive-on ramps (4 pieces) – In ground configuration	1 692 872 352	–	–	✓ ⁵	✓ ⁶	✓ ⁷	✓ ⁸
Extended drive-on and drive-off ramps (2 pieces)	1 692 872 353	✓	✓	✓	✓	✓	✓
Cross-country vehicle tie-bar	1 692 872 355	–	✓	–	✓	–	✓
Armored glass lamps (4 pieces)	1 692 872 356	✓	–	✓	✓	✓	✓
Armored glass lamps (4 pieces)	1 692 872 357	–	✓	–	–	–	–
Elastomer pick-up pads 250 x 150 x 20	1 692 872 361	–	✓	–	✓	–	✓
Elastomer pick-up pads 250 x 150 x 60	1 692 872 362	–	✓	–	✓	–	✓
Elastomer pick-up pads 250 x 150 x 90	1 692 872 363	–	✓	–	✓	–	✓
Maintenance unit, complete (0-10 bar)	1 692 872 365	✓	✓	✓	✓	✓	✓
Maintenance unit, complete (0-12 bar)	1 692 872 366	✓	✓	✓	✓	✓	✓
Maintenance unit, complete (0-16 bar)	1 692 872 367	✓	✓	✓	✓	✓	✓
Fastening material	1 692 872 370	✓	✓	✓	✓	✓	✓
Bio oil (5 liters)	1 692 872 372	✓	✓	✓	✓	✓	✓
Complete wheel alignment set (retrofit)	1 692 872 373	–	–	–	–	✓ ¹	–
Complete wheel alignment set (retrofit)	1 692 872 374	–	✓	–	–	–	–
Complete wheel alignment set (retrofit)	1 692 872 375	–	–	✓ ²	–	–	–
Complete wheel alignment set (retrofit)	1 692 872 376	–	–	–	✓ ³	–	–
Filler pieces for flat track (specify platform type)	1 692 872 377	–	✓	–	✓ ³	–	✓ ⁴
Fastening material	1 692 872 378	✓	✓	✓	✓	✓	✓
Support bridge for vehicles with frame-built chassis	1 692 872 383	–	✓	–	✓	–	✓
Jacking beam 2.0 metric tons	1 692 872 384	✓	✓	✓	✓	✓	✓
Jacking beam 2,6 metric tons	1 692 872 385	✓	✓	✓	✓	✓	✓
Spiral air hose at track	1 692 872 364	✓	✓	✓	✓	✓	✓
Adapter for FWA 4630	1 692 872 249	–	–	✓ ⁵	✓ ⁶	✓ ⁷	✓ ⁸
Set of play detectors	1 692 872 378	✓	✓	✓	✓	✓	✓

¹ only VLH 4345

³ only VLH 4245L

⁵ only VLH 4245A

⁷ only VLH 4345A

² only VLH 4245

⁴ only VLH 4345L

⁶ only VLH 4245LA

⁸ only VLH 4345LA

Scissor lifts:

For variable application in service



VLS 3130: The trump in your workshop

A scissor lift can be used for the widest possible range of tasks. For example, for body repairs, direct reception and service work. Thanks to the low clearance height, vehicles with a low ground clearance can roll onto the platform without any problems.

Benefits to the workshop

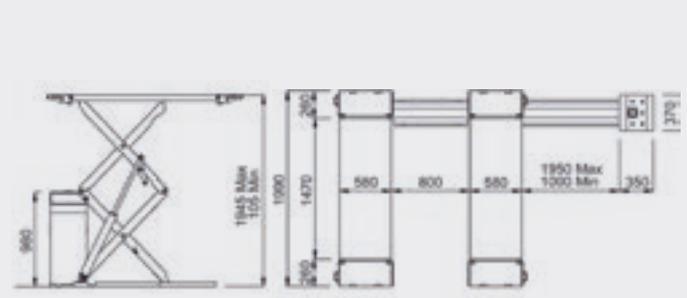
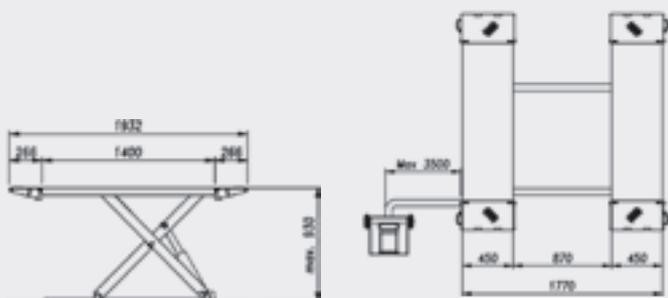
- ▶ Compact scissor lift platform
- ▶ Ultra-flat, only 100 mm minimum height
- ▶ Mobile use all over the workshop
- ▶ No assembly required
- ▶ Comfortable work in tire and brake service on vehicle up to 3 metric tons
- ▶ Lifting height up to 930 mm, convenient for tire and brake service

VLS 3132H: For comfortable work

Double-scissor lift with hydraulic compensation system. This provides the mechanic with maximum freedom of movement under the vehicle. Adjustable track length from 1,470 mm to 1,990 mm for perfect adaptation to vehicles with short and long wheelbases.

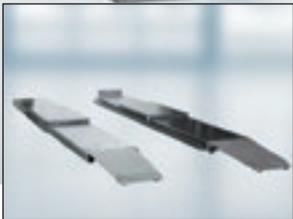
Benefits to the workshop

- ▶ 3.2 metric tons load capacity
- ▶ Ultra-flat, only 105 mm minimum height
- ▶ 1,945 mm lifting height for comfortable work below the vehicle
- ▶ Long service life due to optimized lubrication on all pivot pins



VLS 3130: Can be used all over the workshop – mobile set (option)

VLS 3132H: Also for lowered sports cars



VLS 5140 and versions: Made-to-measure flexibility

Scissor lifts from Bosch can be supplied in a large number of versions. The comprehensive accessories program, including wheel alignment, allows simple upgrading.

Benefits to the workshop

- ▶ Inexpensive model with a load capacity of 4 metric tons
- ▶ Low drive-on height, extremely flat design
- ▶ Track length of 4.80 m for long vehicles / long wheelbases
- ▶ Operating panel with integrated hydraulic unit
- ▶ Effortless operation of the lift platform by means of push buttons
- ▶ Above-floor or under-floor assembly possible
- ▶ Optional: Axle play detector set

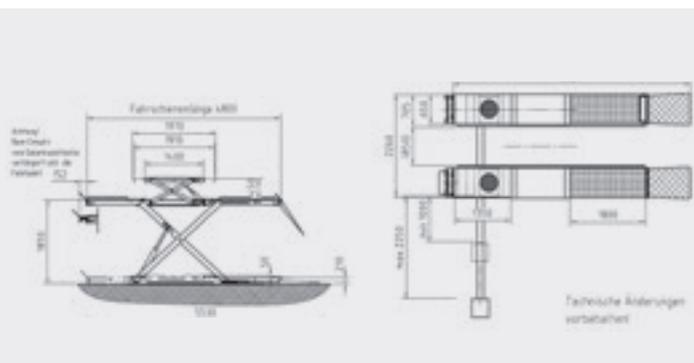
In preparation:

VLS 5150 and versions: For long and heavy vehicles

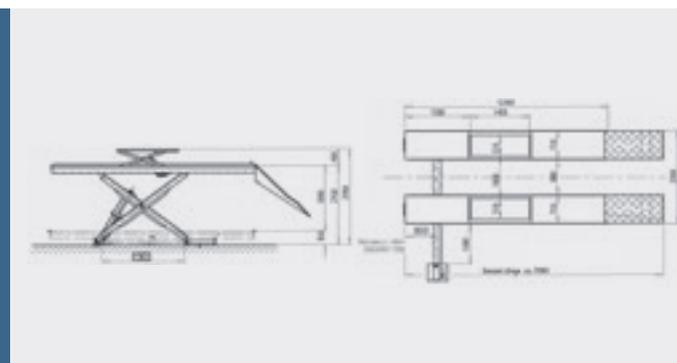
Scissor lifts can be relocated within the workshop as required without preparation of the foundation.

Benefits to the workshop

- ▶ 5 metric tons load capacity
- ▶ Robust design makes wheel alignment on heavy vehicles possible
- ▶ Track length of 5.20 m for long vehicles / long wheelbases
- ▶ Operating panel with integrated hydraulic unit
- ▶ Effortless operation thanks to push buttons
- ▶ Above-floor or under-floor assembly possible
- ▶ Optional: Axle play detector set
- ▶ Optional: With equipment for wheel alignment
- ▶ Versions with or without wheel-free lift



VLS 5140LA: Also available with wheel-free lift



VLS 5150L: Long wheelbases welcome

Scissor lifts:

Technical details

Order numbers				
Basic version	VLS 3130	VLS 3132H	VLS 5140	VLS 5150
Above-floor	1 692 852 301	1 692 852 321	1 692 852 401	
Under-floor			1 692 851 401	1 692 851 501
With integrated wheel-free lift "L"			VLS 5140L	VLS 5150L
Above-floor			1 692 852 407	
Under-floor			1 692 851 407	1 692 851 507
With wheel alignment equipment "A"			VLS 5140A	VLS 5150A
Above-floor			1 692 852 411	
Under-floor			1 692 851 411	1 692 851 511
With "L" and "A"			VLS 5140LA	VLS 5150LA
Above-floor			1 692 852 417	
Under-floor			1 692 851 417	1 692 851 517
Technical data				
Type	Quick-lift platform	Wheel-free lift	Jack with tracks	Jack with tracks
Drive	Electrohydraulic	Electrohydraulic	Electrohydraulic	Electrohydraulic
Load capacity	3 metric tons	3.2 metric tons	4 metric tons	5 metric tons
Drive motor	1.1 kW	3.0 kW	5.5 kW	5.5 kW
Lifting height	930 mm	1,945 mm	1,870 mm	2,150 mm
Length of tracks	1,400-1,932 mm	1,470-1,990 mm	4,800 mm	5,200 mm
Width of tracks	450 mm	580 mm	705 mm	710 mm
Lifting time	30 sec.	45 sec.	35 sec.	40 sec.
Mobile/stationary	M/S	S	S	S
Minimum height	100 mm	105 mm	160/210 mm	350/420 mm
Hydraulic synchronism safety	-	✓	✓	✓
Double-acting cylinder in every scissor	✓	✓	-	-
Elastomer supports in equipment supply	✓	✓	"L" and "LA"	"L" and "LA"
Load capacity of secondary lift	-	-	3.5 metric tons	3.5 metric tons
Lifting height of secondary lift	-	-	450 mm	400 mm
Track height of secondary lift	-	-	1,400 mm	1,450 mm
Track width of secondary lift	-	-	705 mm	510 mm
Oil pressure	330 bar	240 bar	330 bar	240 bar
Minimum concrete thickness	210 mm grade C20/25	210 mm grade C20/25	210 mm grade C20/25	210 mm grade C20/25
Power supply	400 V/3 PH/50 Hz/ 16 A/T+N	400 V/3 PH/50 Hz/ 16 A/T+N	400 V/3 PH/50 Hz/ 20 A/T+N	400 V/3 PH/50 Hz/ 20 A/T+N
Compressed-air supply	-	-	8 bar	8 bar
Oil volume	10l	10l	15l	15l
CE certification	✓	✓	✓	✓
Net weight	450 kg	800 kg	1,500-2,200 kg	1,500-2,200 kg

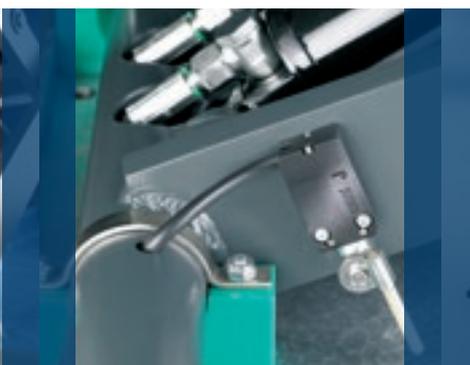
Scissor lifts:

Accessories

Art. description	Order number	VLS 3130	VLS 3132H	VLS 5140	VLS 5150
Mobile set	1 692 871 301	✓	–	–	–
Hose extension per meter	1 692 871 012	✓	✓	–	–
Fastening material	1 692 871 013	✓	✓	–	–
Bio oil (5 liter)	1 692 872 372	✓	✓	✓	✓
Foundation trough	1 692 871 014	–	✓	–	–
Armored glass lamps (4 pieces)	1 692 871 050	–	–	✓	–
On/off switch for armored glass lamps	1 692 871 051	–	–	✓	–
Lighting set	1 692 871 052	–	–	–	✓
Elastomer pick-up pad 250 x 150 x 20	1 692 872 361	✓	✓	✓	✓
Elastomer pick-up pad 250 x 150 x 60	1 692 872 362	✓	✓	✓	✓
Elastomer pick-up pad 250 x 150 x 90	1 692 872 363	✓	✓	✓	✓
Maintenance unit, complete (0 - 10 bar)	1 692 872 365	–	–	✓	✓
Maintenance unit, complete (0 - 12 bar)	1 692 872 366	–	–	✓	✓
Maintenance unit, complete (0 - 16 bar)	1 692 872 367	–	–	✓	✓
Fastening material	1 692 871 063	–	–	✓	–
Fastening material	1 692 871 054	–	–	–	✓
Complete wheel alignment set (retrofit)	1 692 871 055	–	–	✓	–
Complete wheel alignment set (retrofit)	1 692 871 057	–	–	–	✓
Complete wheel alignment set (retrofit)	1 692 871 058	–	–	–	✓
Leveling device	1 692 871 059	–	–	–	✓
Axle play detector set	1 692 872 378	–	–	✓	–
Axle play detector set 80 mm high with wedge	1 692 871 060	–	–	–	✓
End position damping	1 692 871 062	–	–	–	✓
Support bridge for vehicles with frame-built chassis	1 692 872 383	–	–	✓	✓
Cross-country vehicle tie-rod	1 692 872 355	–	–	✓	✓
Jacking beam jack 2.0 metric tons	1 692 872 384	–	–	✓	✓
Jacking beam jack 2.6 metric tons	1 692 872 385	–	–	✓	✓
Adapter for FWA 4630	1 692 872 250	–	–	✓	✓
Accessories for installation of the VLS 5150 above floor					
Access ramps (set of 2), length 1,500 mm	1 692 871 064	–	–	–	✓
Tube cover between the runways	1 692 871 065	–	–	–	✓
Tube cover from power unit to lift, length 1,000 mm	1 692 871 066	–	–	–	✓



2-cylinder



Sensor



Mobile set

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