



Your Source for Excellent Equipment

PRODUCT LINE UP **ver. 2013**

The Global Company, HESHBON

Heshbon was founded to supply the high-quality automobile lifting equipment in the rapidly growing automotive service industry. This is still the central focus of Heshbon. For this, Heshbon has the ongoing research and development program to enhance the quality and reliability of its products, and ultimately, to facilitate safer and more efficient working environment for our valued customers.

Heshbon's commitment to safety has been fully recognized by government authorities by obtaining Q mark for the first time in its industry. These efforts also have drawn the formal international recognition by acquiring ISO 9001 certification in 1996 and ISO14001 certification in 2006.

Heshbon has been expanding its product range since the inception of the business. Currently Heshbon has comprehensive product solutions to accommodate most customers' individual needs throughout the world. Heshbon exports to various regions including Europe, America, Australia and Middle East.

In line with our long-term investment and customer satisfaction perspectives, Heshbon has relocated its production facilities to the new manufacturing complex in MAY 2010.

Heshbon manufacturing facilities are equipped with the various latest technologies. For example, CAD system enables the engineers to test the prototype designs before they are put into the actual production. These technologies significantly enhanced the precision and cost- efficiency of the production lines. Heshbon strongly believes its commitment in automobile service industry will contribute to the better lives of the people all around the world.



History of HESHBON

1991. Company Establishment
 1991. Appointed as the designated supplier to Hyundai Motors Service
 1992. Appointed as the designated supplier to Ssangyong Motors
 1993. Product-Design Registrations for
 HL-3000 D.P (No. 143888) and HL-3500 W.A (No. 143887)
 1994. Introduced the Automatic Painting System
 1994. Obtained Q-Mark for the good quality control system - Satisfied all the
 inspection requirements enforced by the Ministry of Industrial Promotion Department
 1994. Incorporated (Heshbon Co. Ltd.)
 1996. Diversified the business into the production of other automobile service equipments
 1996. Appointed as the designated supplier to Samsung Motors
 1999. Participated in Cairo Automotive Exhibition (Automech '99)
 1999. Participated in Beijing Auto Exhibition (Auto China '99)
 1999. Obtained CE certifications for all lifts and balancers. (Conferred by SGS)

2000. Obtained ISO 9001, KSA 9001 and EN ISO 9001 (KPC) certifications.
 2000. Participated in AUTOMECHANIKA in FRANKFURT
 2000. Listed on the KOSDAQ Stock Exchange
 2003. Relocated the production facilities to Chungnam Province
 2004. Participated in AUTOMECHANIKA in FRANKFURT
 2005. Established Heshbon Australia
 2006. Established Heshbon Japan
 Participated in AUTOMECHANIKA in FRANKFURT / Obtained ISO 14001
 2008. Participated in AUTOMECHANIKA in FRANKFURT
 2009. Participated in SEMA SHOW in Las Vegas
 2010. Participated in AUTOMECHANIKA in FRANKFURT
 2010. Relocated the production facilities to INCHEON (Metropolitan city)
 2012. Participated in AUTOMECHANIKA in FRANKFURT

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 Participated in SEMA SHOW in Las Vegas

Participated in AUTOMECHANIKA in FRANKFURT

Safety for Everyone

We believe you deserve advanced levels of safety.

At HESHBON, the safety and security of the customer is always a top priority. To secure positive safety with HESHBON products, HESHBON is performing rigorous safety tests applying stringent criteria. All of the HESHBON lift models have obtained the CE certification, the European safety authentication, demonstrating their clearly distinguished safety compared to other existing companies. The very elaborate and carefully designed safety features will be there protecting you and everyone that uses HESHBON products. Safety begins from the starting phase of the assembly. The extensive safety of HESHBON products heightens your operations.

European Safety Authentication - CE

A CE Marking is a European marking of conformity that indicates that a product complies with the essential requirements of the applicable European laws or Directives with respect to safety, health, environment and consumer protection.

When the symbol is affixed to a product it is the manufacturer's declaration that the product conforms to the essential requirements of all European directives.

All Heshbon Lifts Acquired CE Certification

Within the fabrication process of HESHBON products, there is an accumulation of passion, sweat, and effort of all HESHBON employees. The more elaborately and carefully built product of HESHBON, with the spirit of craftsmanship, will assist you in good shape with the quality control system and the high technology that has been applied from the designing and production phases to the overall.

More Elaborately with Better Quality



Heshbon Research & Development Center

SAFETY & INNOVATION, PRECISION & DURABILITY



The new manufacturing facilities are equipped with the various latest technologies. For example, CAD system enables the engineers to test the prototype designs before they are put into the actual production. These technologies significantly enhanced the precision and cost- efficiency of the production lines. Heshbon strongly believes its commitment in automobile service industry will contribute to the better lives of the people all around the world.



BUSINESS AREA

Worldwide distribution network in 40 countries

Germany, France, USA, Australia, New Zealand, Russia, Indonesia, Japan, Saudi Arabia, Mexico, Oman, Kazakhstan, India, Italia, Thailand, Malaysia, UAE, Chile, Iran, Ireland, Colombia, Pakistan, UK, South Africa, China, Georgia, Panama, Ukraine, Morocco, Philippine, Spain, Rumania, Czech Rep, Sri Lanka, Yemen, Uzbekistan, Vietnam, Laos, Costa Rica, Papua New Guinea, Sudan



Hydraulic Service Equipment
Car Lift / Truck Tire changer

Wheel Service Equipment
Wheel Alignment / Wheel Balancer /
Truck Wheel Balancer

Environment Service Equipment
Gas Analyzer / Automatic Transmission
Fluid Exchanger / Refrigerant Recycler



Heshbon Japan

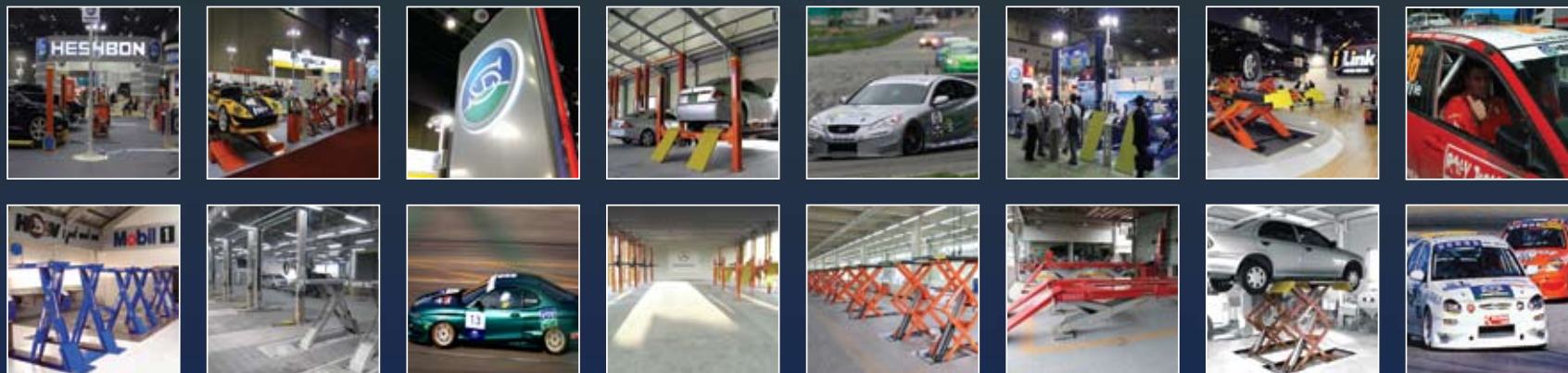


ACTIVITY IN THE WORLD

Participated " Automechanika 2004 / 2006 / 2008 / 2010" in Frankfurt,Germany
Sponsorship with World rally championship.
Sponsorship with Technical school for education.



Activity in the World



LIFT LINE UP



2POST LIFT / WHEELFREE SCISSOR LIFT /
4POST LIFT / WHEEL ALIGNMENT SCISSOR LIFT

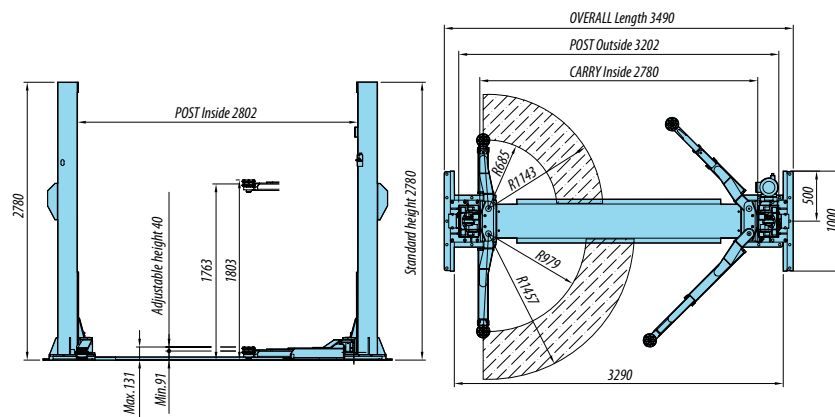
All of HESHBON products are produced by the best technicians with the best facilities.

HL-25H

2POST 4TON LIFT WITH BASE FRAME



LAY-OUT



FEATURE

- High-Performed durable hydraulic cylinders composed by double pressure seals.
- Automatic arm restraints.
- High-quality lifting chain and pre-stretched synchronization wire rope.
- Double telescopic pads screw.
- Special engineered anti-friction carriage guides.
- Hand lever for manual type locker release device.
- Door protection rubber blocks protect the vehicle body.
- Useful to the low ceilinged workshop.

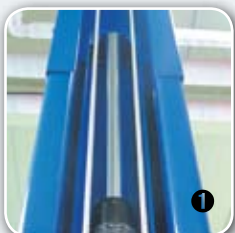
SPECIFICATION

Model No.	HL-25H
Lifting Capacity (kg)	4,000 kg
Max.Lifting Height (mm)	1,763 ~ 1,803 mm
Dimension (mm)	2,848(L) X 3,490(W) X 2,780(H)
Power Supply & Motor	1ph : 2.5HP, 4P, 220V, 50/60Hz 3ph : 2HP, 4P, 220/380V, 50/60 Hz
Net Weight	830 kg



HL-26K

2POST 4TON LIFT WITH CLEAR FLOOR



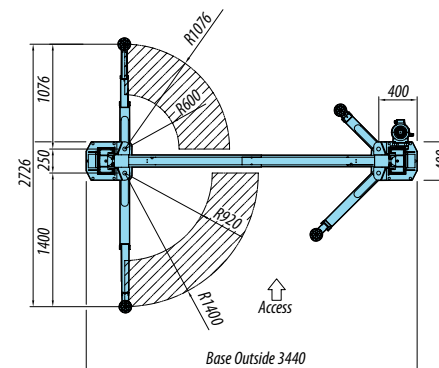
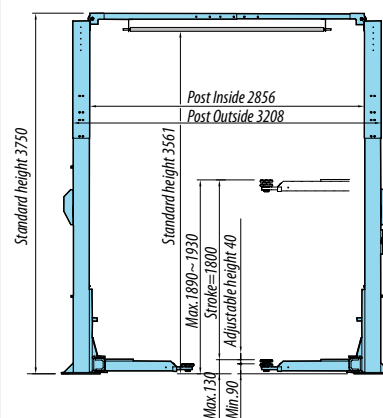
FEATURE

- High-Performed durable RAM type cylinders in each post provides powerful and safety lifting performance.
- High quality pre-stretched synchronization wire rope.
- Double telescopic pads screw.
- Automatic arm restraint.
- Durable anti-friction carriage guides.
- Hand lever for manual type locker release device.
- Top limit touch bar and door protection rubber blocks protect the vehicle body.
- 250mm height adjustable top cross bar.

SPECIFICATION

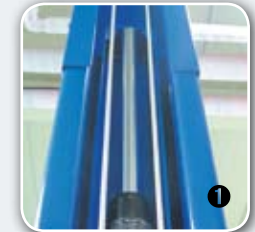
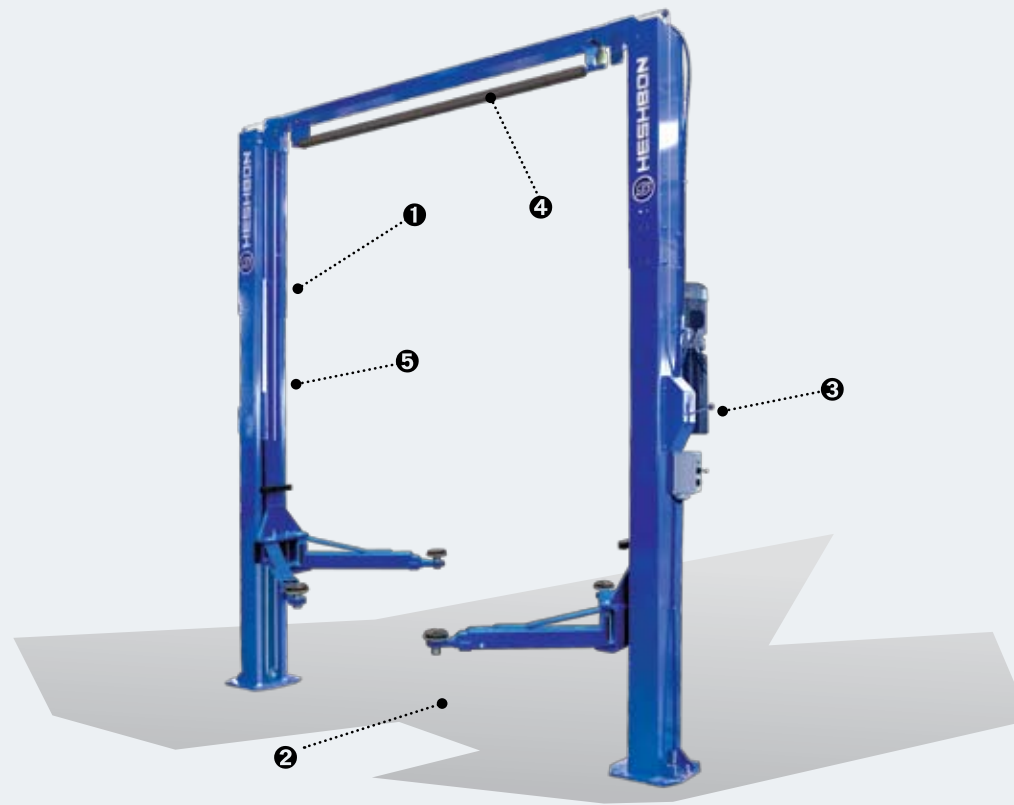
Model No.	HL-26K
Lifting Capacity (kg)	4,000 kg
Max.Lifting Height (mm)	1,890 ~ 1,930 mm
Dimension (mm)	2,726(L) X 3,440(W) X 3,750(H)
Power Supply & Motor	1ph : 2.5HP, 4P, 220V, 50/60Hz 3ph : 2HP, 4P, 220/380V, 50/60Hz
Net Weight	760kg

LAY-OUT

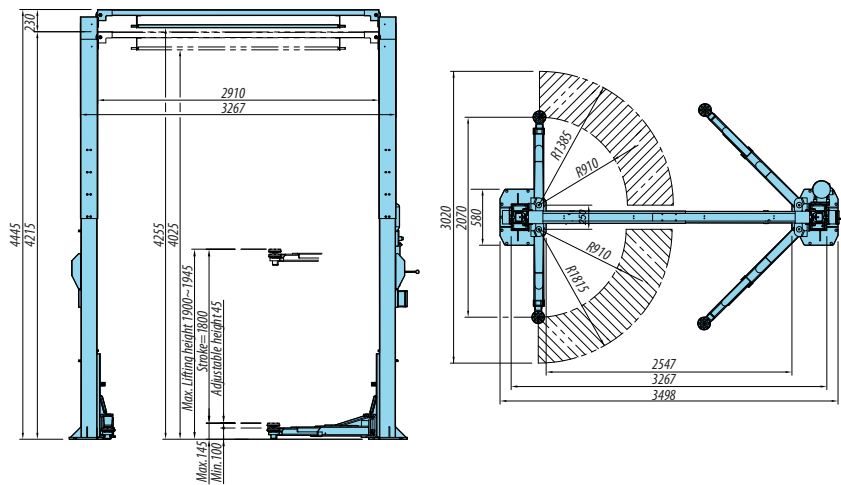


HL-27M

2POST 6TON LIFT WITH CLEAR FLOOR



LAY-OUT



FEATURE

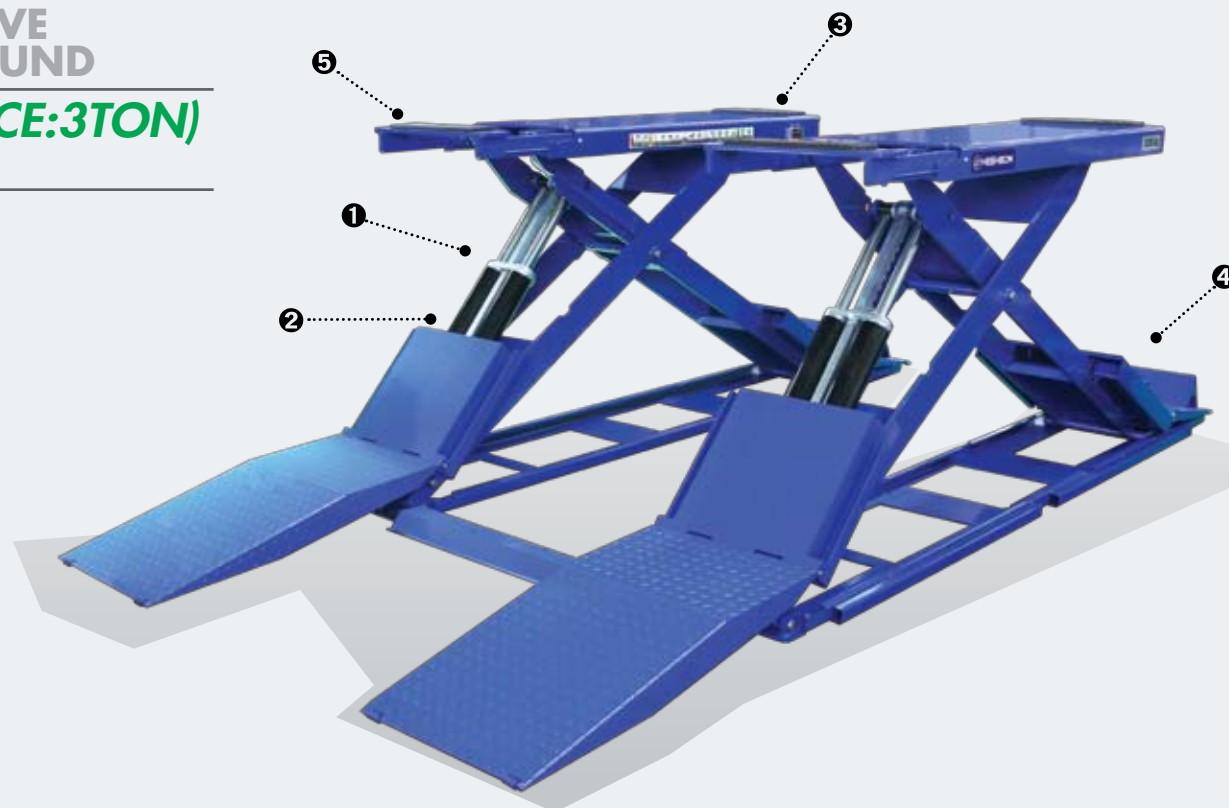
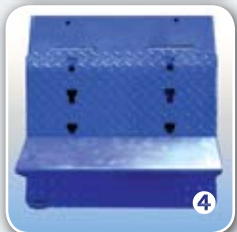
- High-Performed durable RAM type cylinders in each post provides powerful and safety lifting performance.
- High quality pre-stretched synchronization wire rope.
- Double telescopic pads screw.
- Automatic arm restraints.
- Durable anti-friction carriage guides.
- Hand lever for manual type locker release device.
- Top limit touch bar and door protection rubber blocks protect the vehicle body.
- 230mm height adjustable top cross bar.

SPECIFICATION

Model No.	HL-27M
Lifting Capacity (kg)	6,000 kg
Max.Lifting Height (mm)	1,900 ~ 1,945 mm
Dimension (mm)	3,020(L) X 3,498(W) X 4,445(H)
Power Supply & Motor	3ph : 3HP,4P,220/380V,50/60Hz
Net Weight	910kg

HL-32X ABOVE GROUND

WHEELFREE 3.3TON (CE:3TON) SCISSORS LIFT



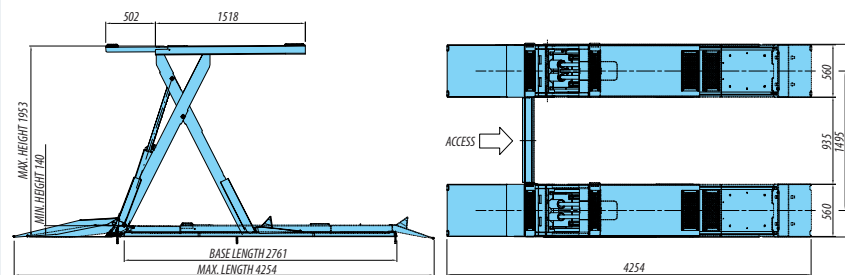
FEATURE

- Master & Slave cylinder system composed by high-Performed durable hydraulic cylinders.
- Easy synchronization control system by special hydraulic valves.
- Air cylinder operated locking device. • Platforms slide extensions.
- Front detachable wheel stopper for drive through.
- Rubber pads on the platform to protect the vehicle chassis.
- Applicable to both in/above-ground mount.
- Descend alarm signal. (CE)
- De-synchronization detecting electronic photo-cell. (CE)
- Hydraulic hand-pump for emergency ascend/descend. (CE)
- Two step descending system gives full foot protection. (CE)
- Van Adaptor kit. (OPTION)
- Pit frame for in-ground type. (OPTION)

SPECIFICATION

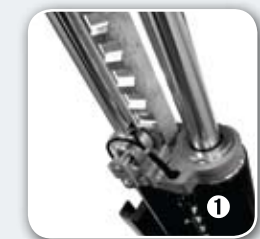
Model No.	HL-32X
Lifting Capacity (kg)	3,300 kg (CE : 3,000kg)
Min/Max.Lifting Height (mm)	140 ~ 1,953 mm
Dimension (mm)	4,254(L) X 2,065(W) X 140(H)
Power Supply & Motor	1ph : 2.5HP, 4P, 220V, 50/60Hz 3ph : 2HP, 4P, 220/380V, 50/60Hz
Net Weight	1,050kg

LAY-OUT

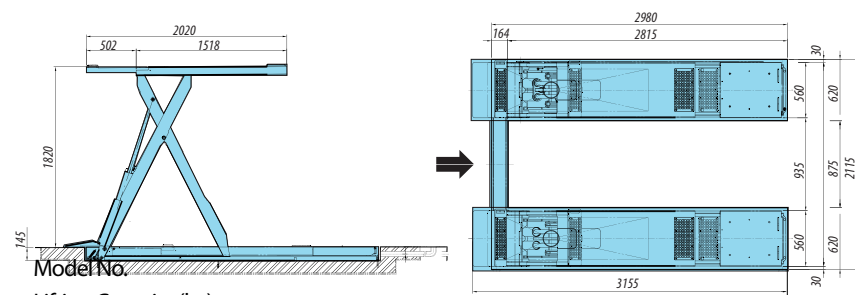


INGROUND **HL-32X**

WHEELFREE 3.3TON (CE:3TON) SCISSORS LIFT



LAY-OUT



Model No.
Lifting Capacity (kg)
Min/Max.Lifting Height (mm)
Dimension (mm)
Power Supply & Motor

FEATURE

- Master & Slave cylinder system composed by high-Performed durable hydraulic cylinders.
- Easy synchronization control system by special hydraulic valves.
- Air cylinder operated locking device.
- Platforms slide extensions.
- Rubber pads on the platform to protect the vehicle chassis.
- Applicable to both in/above-ground mount.
- Descend alarm signal. (CE)
- De-synchronization detecting electronic photo-cell. (CE)
- Hydraulic hand-pump for emergency ascend/descend. (CE)
- Two step descending system gives full foot protection. (CE)
- Van Adaptor kit. (OPTION)
- Pit frame for in-ground type. (OPTION)

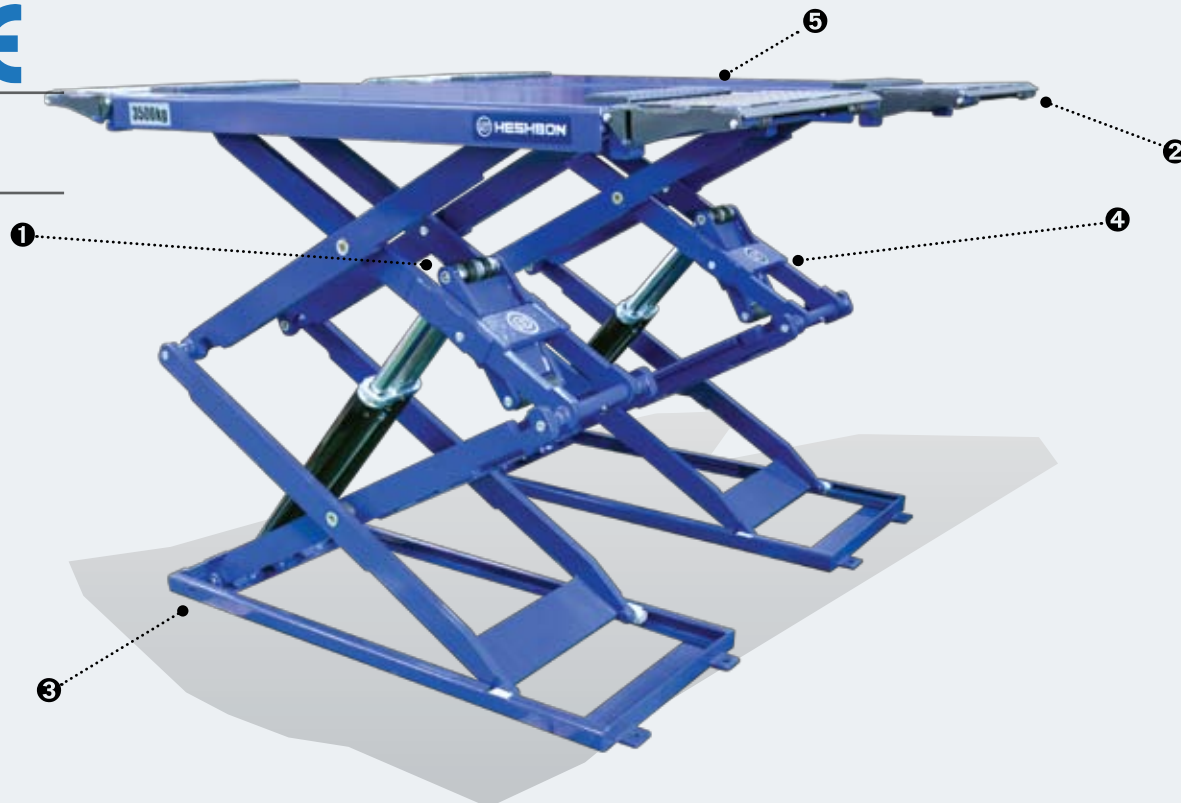
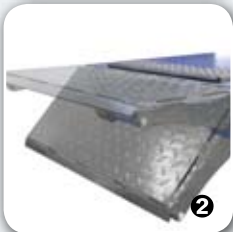
SPECIFICATION

Model No.	HL-32X (Inground)
Lifting Capacity (kg)	3,300 kg (CE : 3,000kg)
Min/Max.Lifting Height (mm)	1,820 mm
Dimension (mm)	2,922(L) X 2,055(W) X 140(H)
Power Supply & Motor	1ph : 2.5HP, 4P, 220V, 50/60Hz 3ph : 2HP, 4P, 220/380V, 50/60Hz
Net Weight	

HL-35S



WHEELFREE 3.5TON DOUBLE SCISSORS LIFT



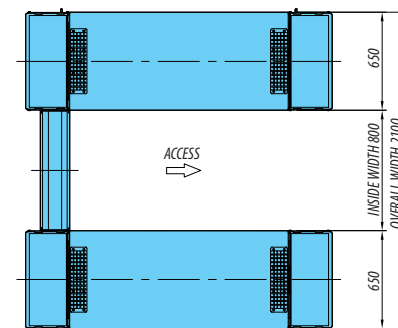
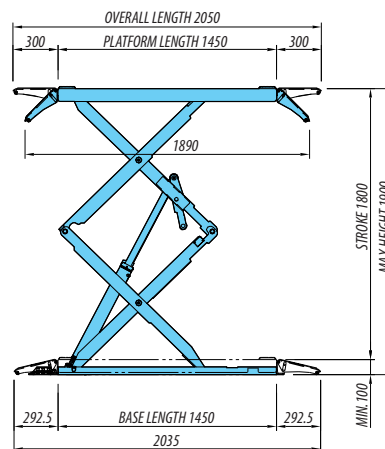
FEATURE

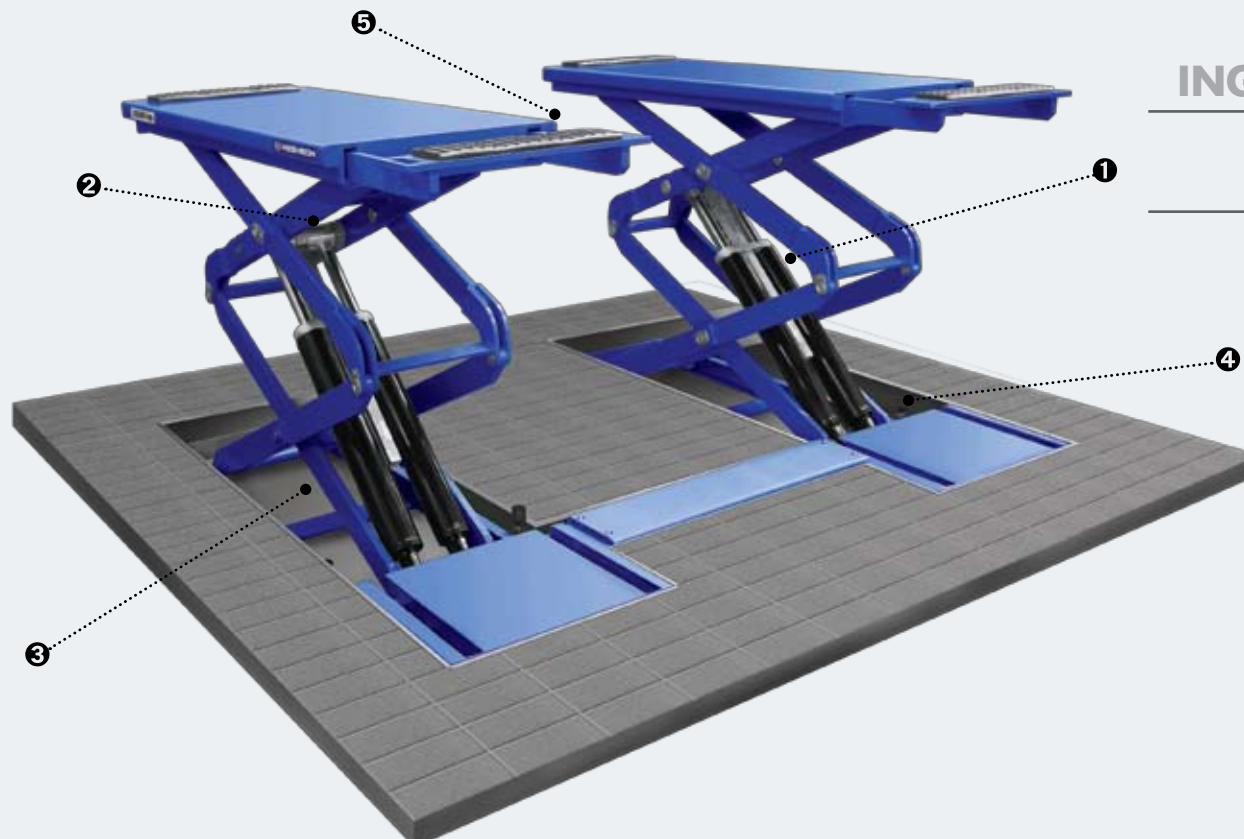
- High-Performed durable hydraulic cylinders composed by double pressure seals. • Master & Slave cylinder synchronization system.
- Easy synchronization control system by special hydraulic valves.
- Extra low 100mm height profile. • Descend alarm signal. (CE)
- Air cylinder operated locking device.
- Double function one touch ramp / extension platform.
- Rubber pads on the platform to protect the vehicle chassis.
- De-synchronization detecting electronic photo-cell. (CE)
- Hydraulic hand-pump for emergency ascend/descend. (CE)
- Two step descending system gives full foot protection. (CE)
- Van Adaptor kit. (OPTION)
- Pit frame for in-ground type. (OPTION)

SPECIFICATION

Model No.	HL-35S
Lifting Capacity (kg)	3,500 kg
Min/Max.Lifting Height (mm)	100 / 1,900 mm
Dimension (mm)	2,035(L) X 2,100(W) X 100(H)
Power Supply & Motor	3ph : 2HP, 4P, 380V, 50/60 Hz
Net Weight	920 kg

LAY-OUT



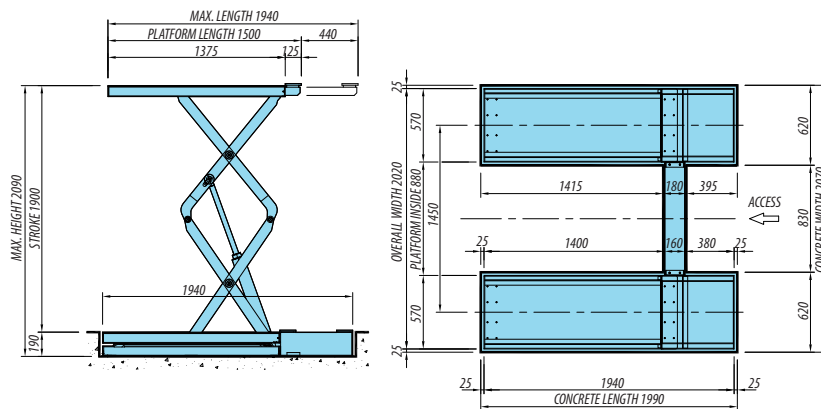


INGROUND **HL-35F**

WHEELFREE 3.5TON DOUBLE SCISSORS LIFT



LAY-OUT



FEATURE

- Master & Slave cylinder system composed by high-Performed durable hydraulic cylinders.
- Easy synchronization control system by special hydraulic valves.
- Air cylinder operated locking device.
- Rubber pads on the platform to protect the vehicle chassis.
- Platforms slide extensions.
- Double scissor link structure for wider platform support.
- Cable remote control for any vantage point operation. (Low voltage)

SPECIFICATION

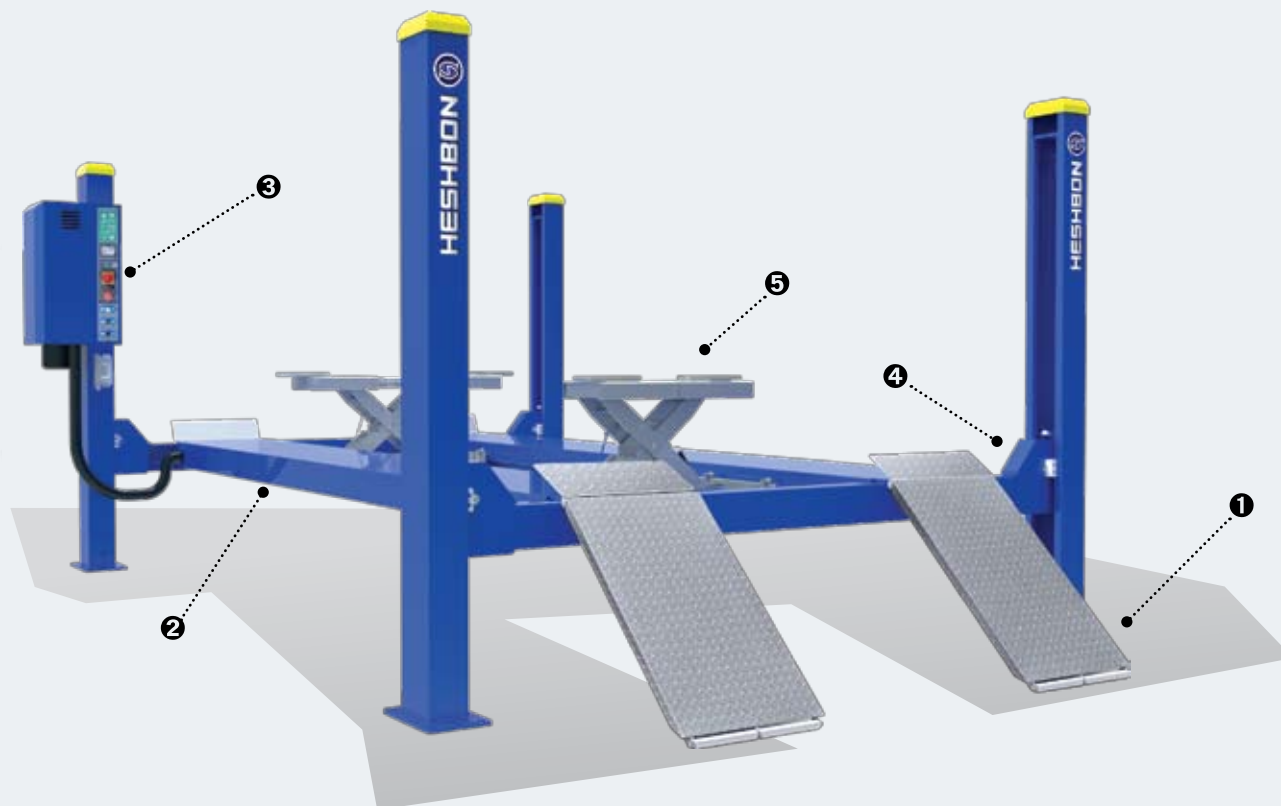
Model No.	HL-35F
Lifting Capacity (kg)	3,500 kg
Max.Lifting Height (mm)	1,900 mm
Dimension (mm)	1,940(L) X 2,020(W) X 190(H)
Power Supply & Motor	3ph : 2HP, 4P, 220/380V, 50/60Hz
Net Weight	980 kg

HL-3300W

4 POST 4TON FLAT PLATFORM LIFT



Alignment platform
(Option)



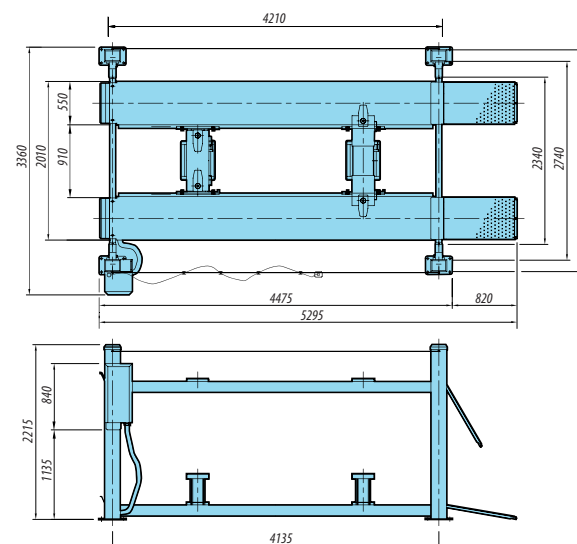
FEATURE

- Hydraulic cylinder located in the fixed platform and is thus perfectly protected.
- High resistance galvanized and pre-stretched lifting cable.
- Lock release lever for the emergency situation.
- Adjustable parking ratchet rails ensure the platforms and cross members horizontal within 4 wheel alignment tolerances.
- Automatic spring loaded eccentric brake system in the event of cable breakage and ensures complete stability during parking.
- Self lubricated large diameter pulleys and maintenance-free bushes.
- Hydraulic two-level 2ton scissor jack. (OPTION)
- Detachable alignment platform. (OPTION)
- Electric remote-controller. (OPTION)

SPECIFICATION

Model No.	HL-3300W
Lifting Capacity (kg)	Body : 4,000 / Jack : 2,000 kg
Max.Lifting Height (mm)	Body : 1,750 / Jack : 455 mm
Dimension (mm)	5,295(L) X 3,360(W) X 2,215(H)
Power Supply & Motor	1ph : 2.5HP, 4P, 220V, 50/60 Hz 3ph : 2HP, 4P, 220/380V, 50/60 Hz
Net Weight	1,450 kg

LAY-OUT



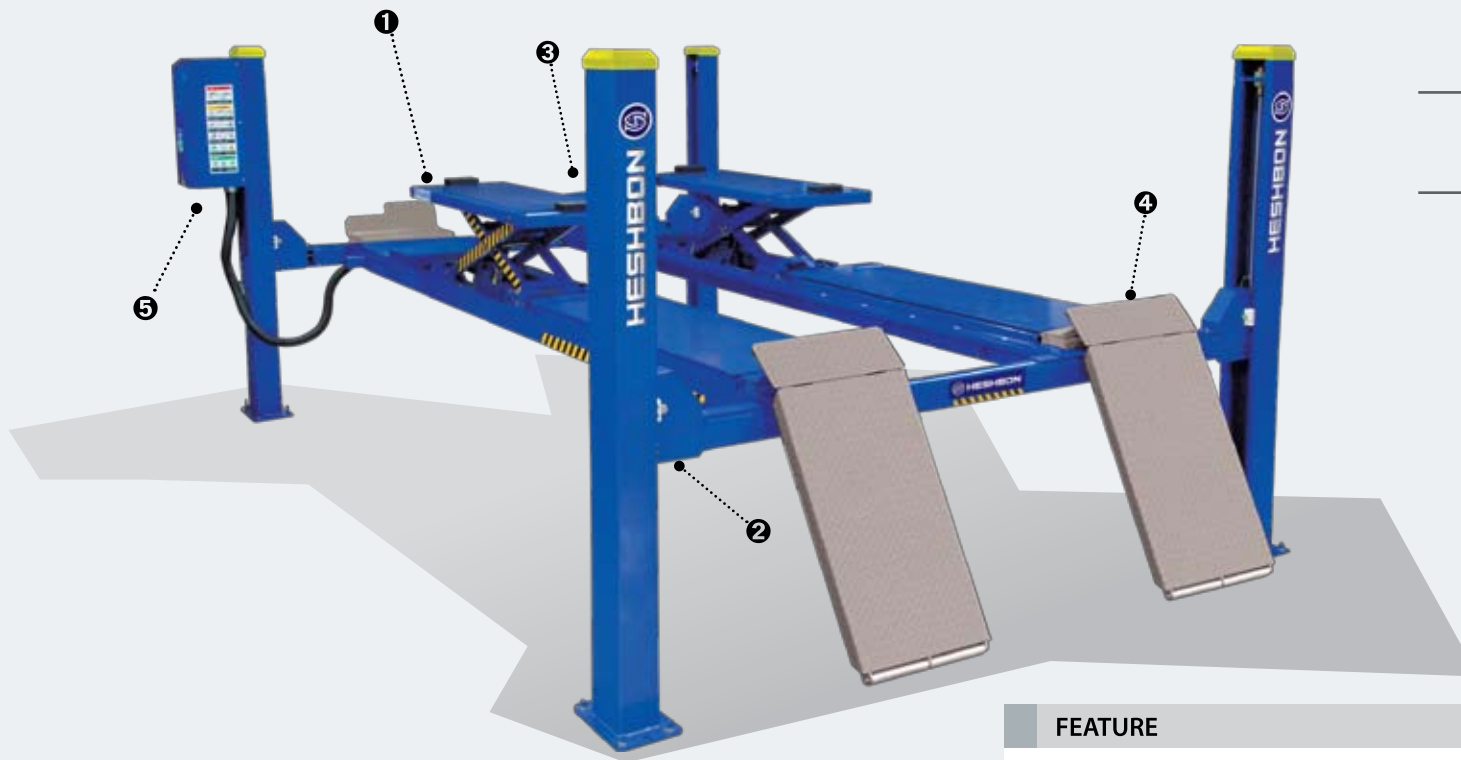
CE | HL-42F

4POST 4TON WHEEL ALIGNMENT LIFT

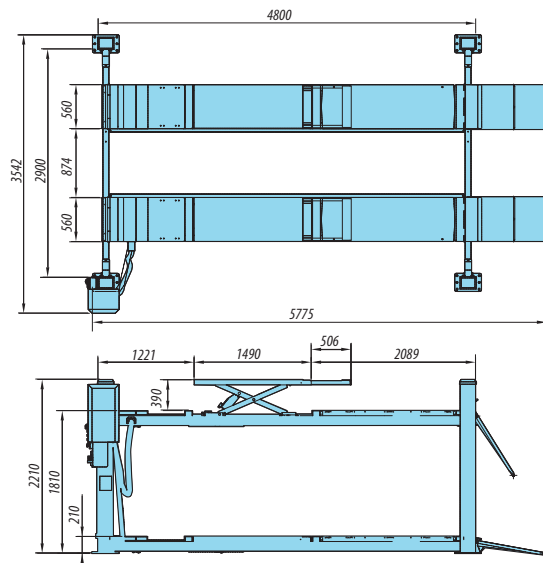
HESHBON LIFTS
4 POST

MODEL NO.
HL-42F

CAPACITY
4 TON



LAY-OUT

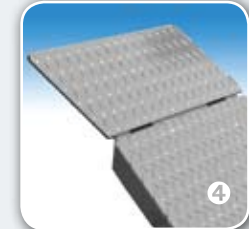


FEATURE

- Hydraulic cylinder located in the fixed platform and is thus perfectly protected.
- High-resistance galvanized and pre-stretched lifting cable.
- Adjustable parking ratchet rails ensure the platforms and cross members horizontal within 4 wheel alignment tolerances.
- Automatic spring loaded eccentric brake system in the event of cable breakage and ensures complete stability during parking.
- Self lubricated large diameter pulleys and maintenance-free bushes.
- Auxiliary lift table built in the platforms for wheel free operation.
- Auto-pneumatic rear slip plates locking device.
- Front turn-table recesses and rear sliding plates for 4-wheel alignment operation.
- Descend alarm signal. (CE)
- Two step descending system gives full foot protection. (CE)
- Hydraulic hand-pump for emergency ascend/descend. (CE)
- De-synchronization detecting electronic photo-cell. (CE)
- Lighting kits 4pcs. (OPTION)

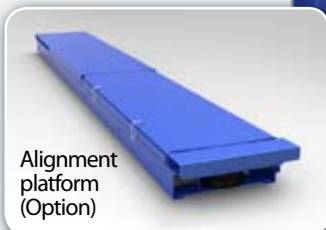
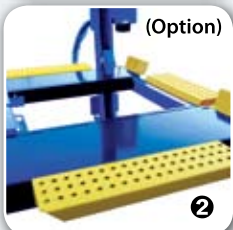
SPECIFICATION

Model No.	HL-42F
Lifting Capacity (kg)	Body : 4,000 / Jack : 3,000 kg
Max.Lifting Height (mm)	Body : 1,810 / Jack : 390 mm
Dimension (mm)	5,775(L) X 3,542(W) X 2,210(H)
Power Supply & Motor	3ph : 3HP, 4P, 220/380V, 50/60 Hz
Net Weight	kg

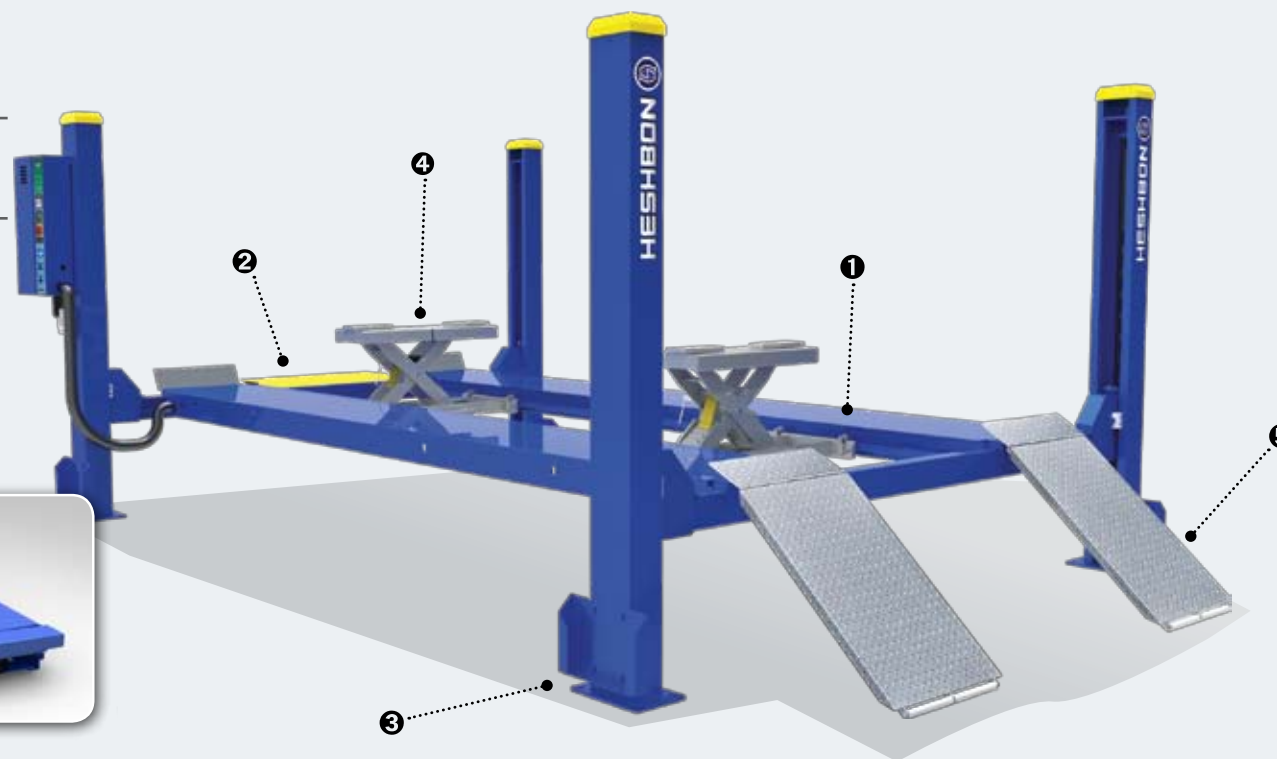


HL-42L

4POST 4.5TON FLAT PLATFORM LIFT



Alignment
platform
(Option)



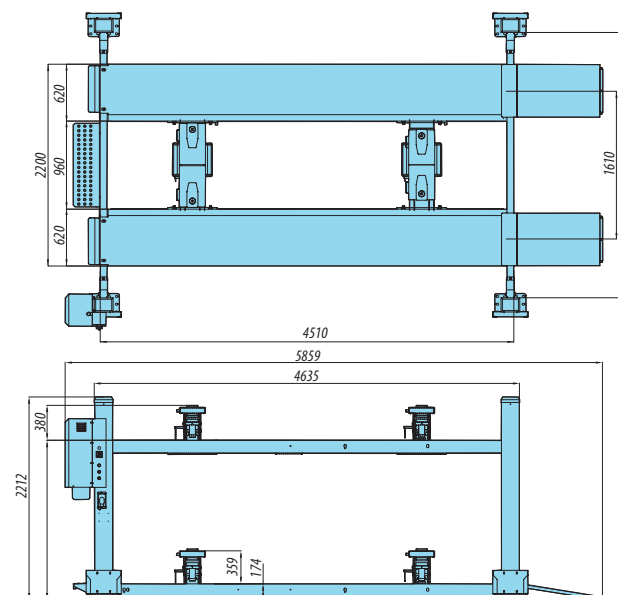
FEATURE

- Hydraulic cylinder located in the fixed platform and is thus perfectly protected.
- High resistance galvanized and pre-stretched lifting cable.
- Lock release lever for the emergency situation.
- Adjustable parking ratchet rails ensure the platforms and cross members horizontal within 4 wheel alignment tolerances.
- Automatic spring loaded eccentric brake system in the event of cable breakage and ensures complete stability during parking.
- Self lubricated large diameter pulleys and maintenance-free bushes.
- Hydraulic two-level 2ton scissor jack. (OPTION)
- Electric remote-controller. (OPTION)
- Step-up plates for worker's convenience. (OPTION)
- Turn-table pocket. (OPTION)

SPECIFICATION

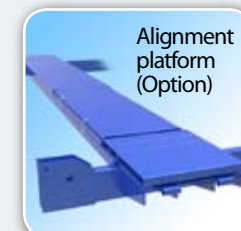
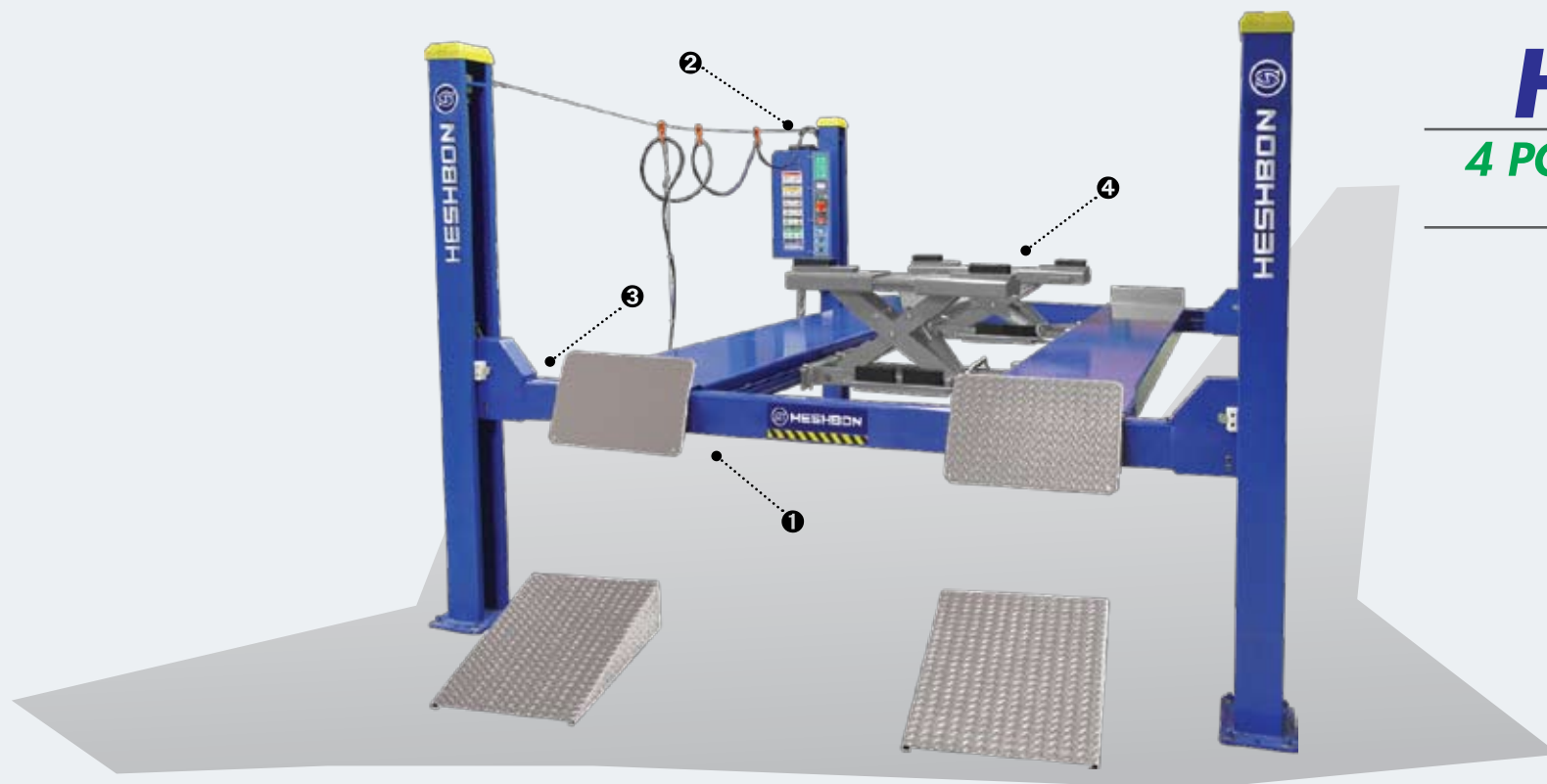
Model No.	HL-42L
Lifting Capacity (kg)	Body : 4,500 / Jack : 2,500 kg
Max.Lifting Height (mm)	Body : 1,740 / Jack : 455 mm
Dimension (mm)	5,859(L) X 2,212(H) X 3,416(W)
Power Supply & Motor	1ph : 2.5HP, 4P, 220V, 50/60Hz 3ph : 2HP, 4P, 220/380V, 50/60Hz
Net Weight	1,600 kg

LAY-OUT

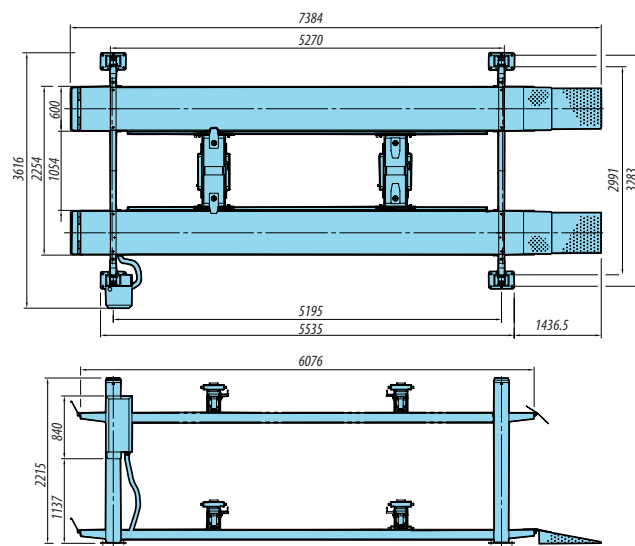


HL-46H

4 POST 6TON FLAT PLATFORM LIFT



LAY-OUT



FEATURE

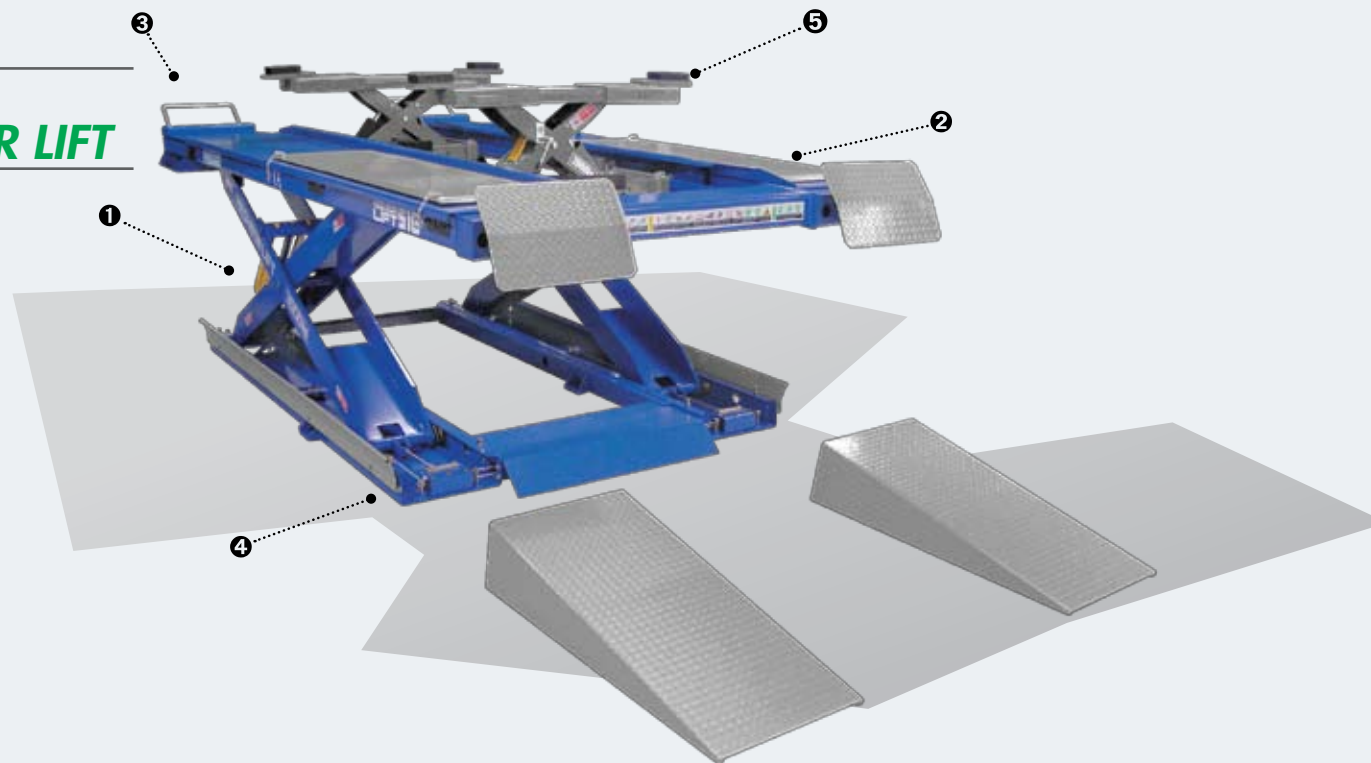
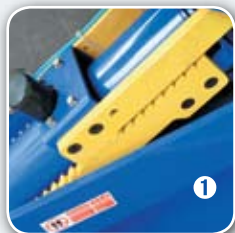
- Hydraulic cylinder located in the fixed platform and is thus perfectly protected.
- High resistance galvanized and pre-stretched lifting cable.
- Lock release lever for the emergency situation.
- Adjustable parking ratchet rails ensure the platforms and cross members horizontal within 4 wheel alignment tolerances.
- Automatic spring loaded eccentric brake system in the event of cable breakage and ensures complete stability during parking.
- Self lubricated large diameter pulleys and maintenance-free bushes.
- Hydraulic two-level 3ton scissor jack. (OPTION)
- Electric remote-controller. (OPTION)

SPECIFICATION

Model No.	HL-46H
Lifting Capacity (kg)	Body : 6,000 / Jack : 3,000 kg
Max.Lifting Height (mm)	Body : 1,750 / Jack : 595 mm
Dimension (mm)	7,384(L) X 3,616(H) X 2,215(W)
Power Supply & Motor	3ph : 3HP;4P;220/380V,50/60Hz
Net Weight	1,690 kg

HL-51G

3.5TON WHEEL ALIGNMENT SCISSOR LIFT



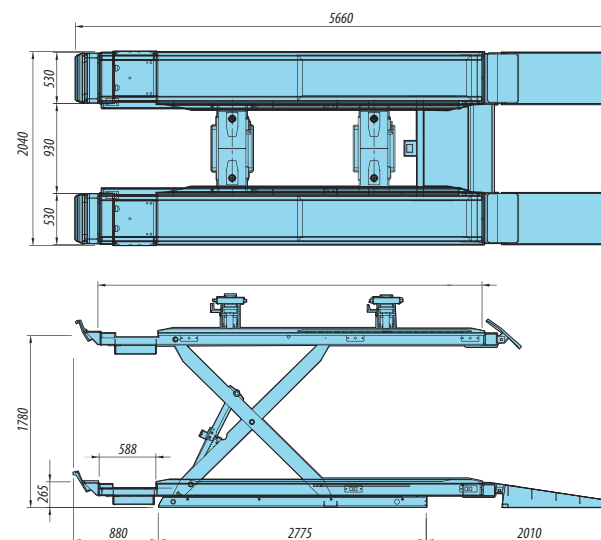
FEATURE

- High-Performed durable hydraulic cylinders composed by double pressure seals.
- Sync. hydraulic block & wire rope ensure the High-Performed synchronization.
- High quality pre-stretched synchronization wire rope.
- Air cylinder operate locking device with automatic engagement and pneumatic release system ensure safety.
- Front turn-table recesses and rear sliding plates for 4-wheel alignment operation.
- Turn-table keeping drawer.
- Hydraulic two-level 2ton scissor jack. (OPTION)

SPECIFICATION

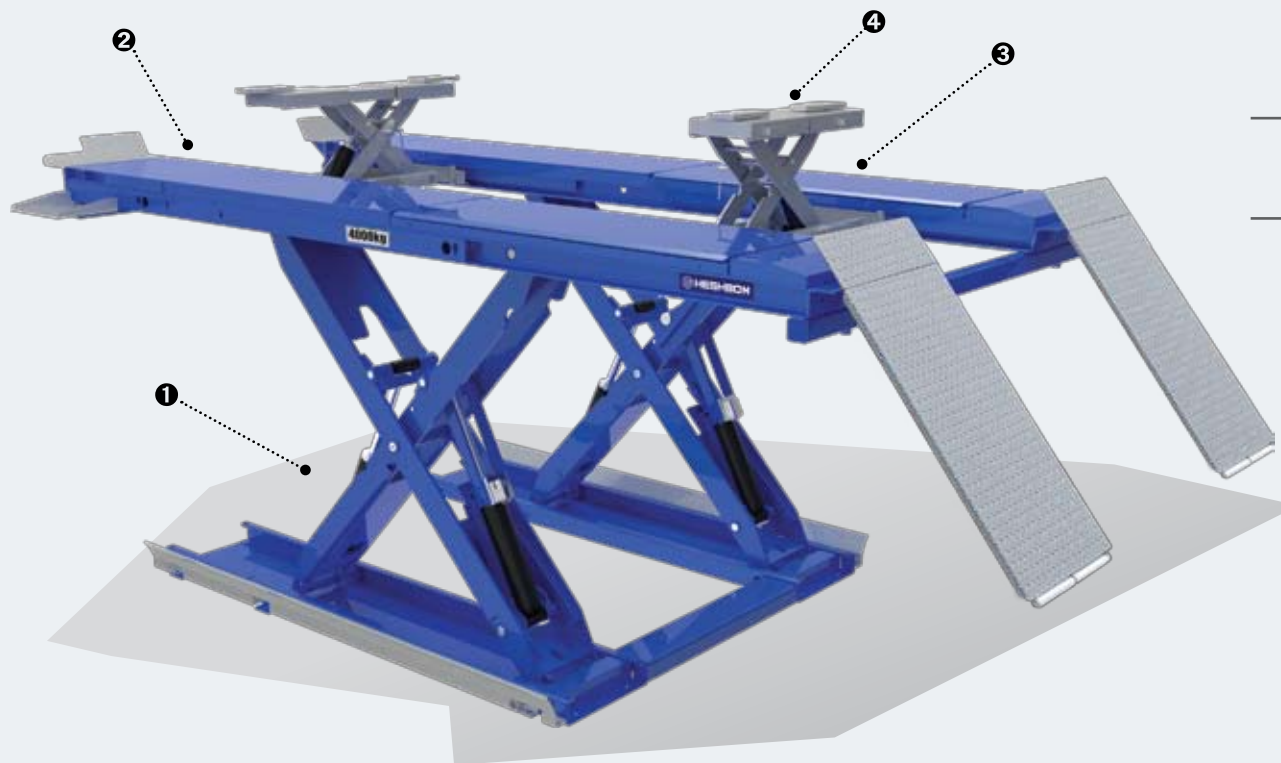
Model No.	HL-51G
Lifting Capacity (kg)	Body : 3,500 / Jack : 2,000 kg
Max.Lifting Height (mm)	Body : 1,780 / Jack : 455 mm
Dimension (mm)	5,660(L) X 2,040(W) X 265(H)
Power Supply & Motor	1ph : 2.5HP, 4P, 220V, 50/60 Hz 3ph : 2HP, 4P, 220/380V, 50/60 Hz
Net Weight	1,800 kg

LAY-OUT

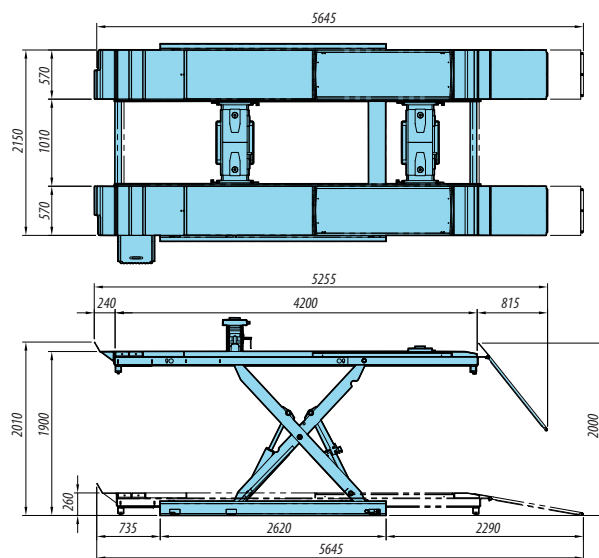


HL-52X

4TON WHEEL ALIGNMENT SCISSOR LIFT



LAY-OUT



FEATURE

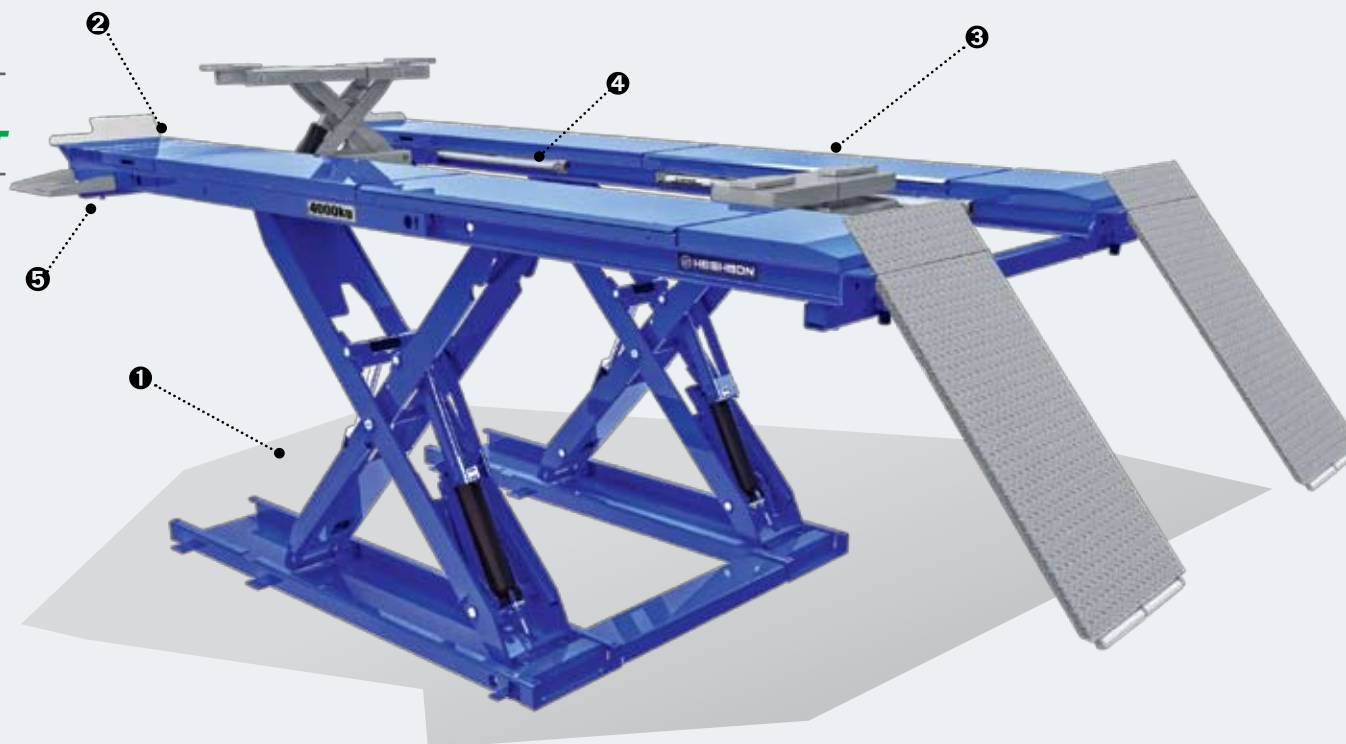
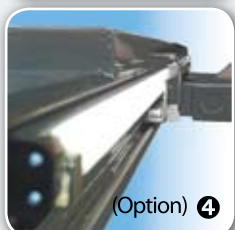
- Master&Slave system composed by high-performed durable hydraulic cylinders.
- Air operated locking device.
- Easy synchronization control system by special hydraulic valves.
- Front turn-table recesses and rear sliding plates for 4-wheel alignment operation.
- Applicable to both in/above-ground mount.
- Pit frame for in-ground type. (Option)
- Step-up plate for worker's convenience. (Option)

SPECIFICATION

Model No.	HL-52X
Lifting Capacity (kg)	4,000 kg / 2,000 kg
Max.Lifting Height (mm)	Body : 1,900 / Jack : 530 mm
Dimension (mm)	5,645(L) X 2,150(W) X 260(H)
Power Supply & Motor	1ph, 2.5HP, 4P, 220V, 60Hz
	3ph, 2HP, 4P, 220/380V, 50/60Hz
Net Weight	2,100 kg

HL-53X

4TON WHEEL ALIGNMENT SCISSOR LIFT



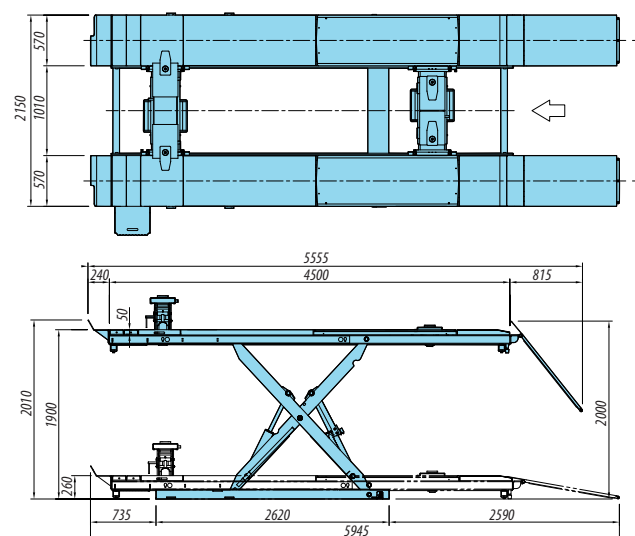
FEATURE

- Master&Slave system composed by high-performed durable hydraulic cylinders.
- Air operated locking device.
- Easy synchronization control system by special hydraulic valves.
- Front turn-table recesses and rear sliding plates for 4-wheel alignment operation.
- Applicable to both in/above-ground mount.
- Pit frame for in-ground type. (Option)
- Step-up plate for worker's convenience. (Option)
- Lighting set, 4 units (option)
- Two-step descent system gives full foot protection.

SPECIFICATION

Model No.	HL-53X
Lifting Capacity (kg)	4,000 kg / 2,000 kg
Max.Lifting Height (mm)	Body : 1,900 / Jack : 530 mm
Dimension (mm)	5,945(L) X 2,150(W) X 260(H)
Power Supply & Motor	1ph, 2.5HP,4P,220V,60Hz 3ph, 2HP,4P, 220/380V, 50/60Hz
Net Weight	2,150 kg

LAY-OUT





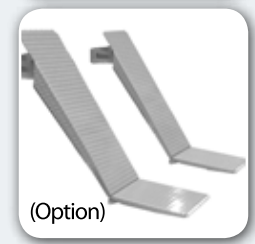
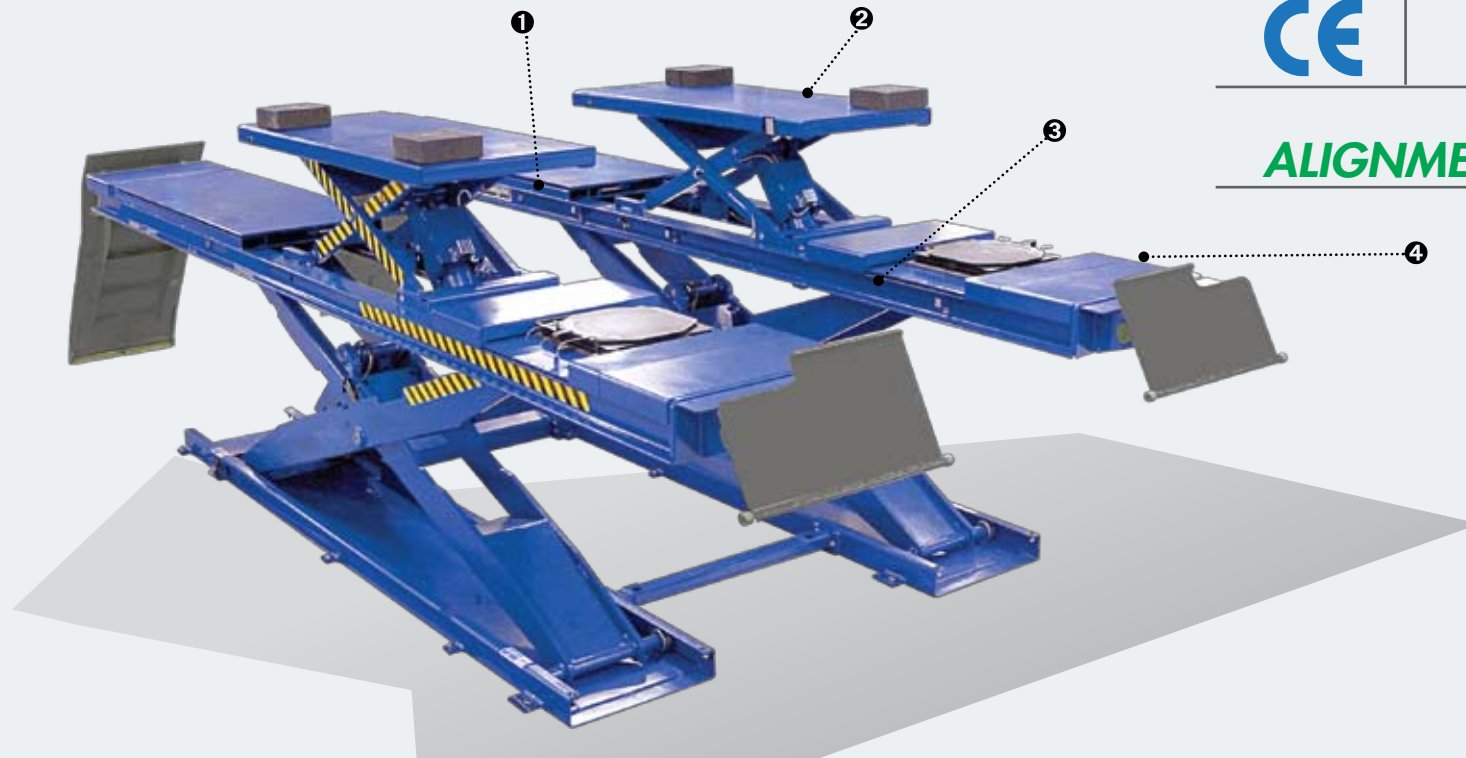
HL-52F

4.4TON WHEEL ALIGNMENT SCISSOR LIFT

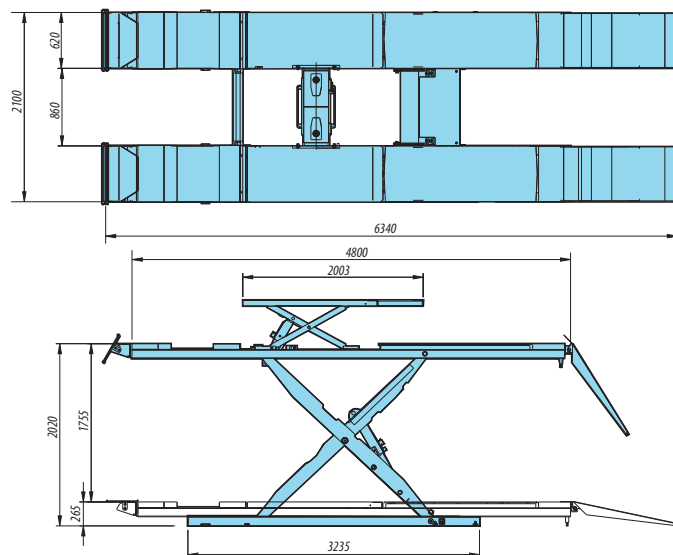
ALIGNMENT
SCISSOR

MODEL NO.
HL-52F

CAPACITY
4.4 TON



LAY-OUT



FEATURE

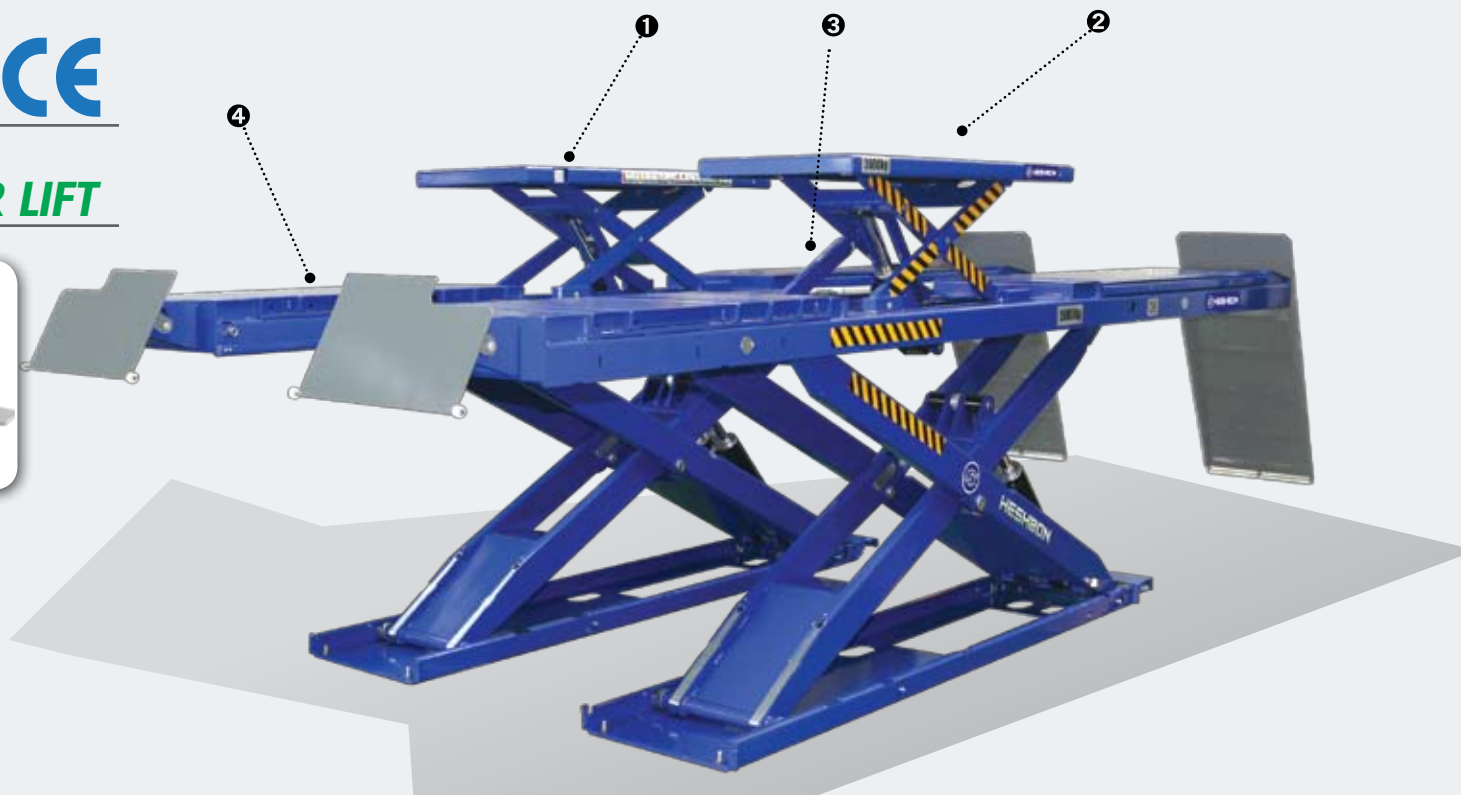
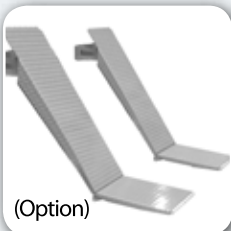
- Automatic air lock release device
- Locking position sensor
- Hydraulic synchronization system(Auxiliary lift)
- Electrical synchronization control system by photo-cell
- Torsion bar for high performance synchronization
- Floor-mounted or flush-mounted model
- Auxiliary lifts built into the platforms for wheelfree operation
- Front recesses and rear slide plates for 4-wheel alignment operation
- Pneumatic locks on rear slide plates
- Lighting set, 4 units (option)
- Flush mount kit (option)
- Emergency ascent and descent systems
- Two-step descent system gives full foot protection

SPECIFICATION

Model No.	HL-52F
Lifting Capacity (kg)	4,400 kg / 3,600 kg
Max.Lifting Height (mm)	Body : 2,020 / Jack : 480 mm
Dimension (mm)	6,340(L) X 2,100(W) X 265(H)
Power Supply & Motor	3ph, 3HP/4HP(CE), 4P, 220/380V, 50/60Hz
Net Weight	2,990 kg

HL-52N | CE

5TON WHEEL ALIGNMENT SCISSOR LIFT



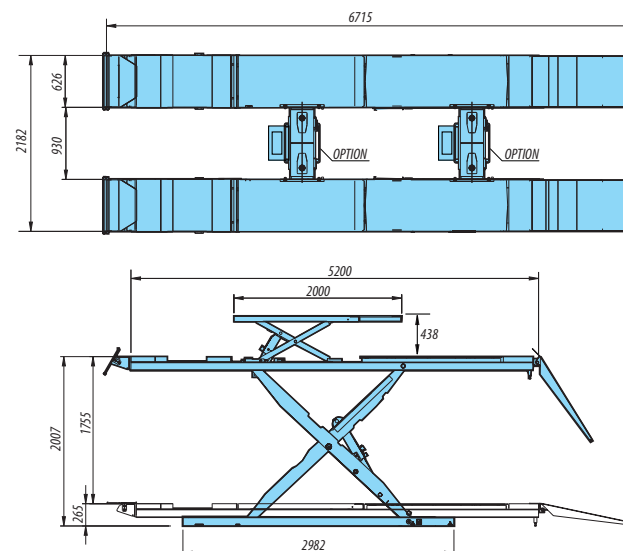
FEATURE

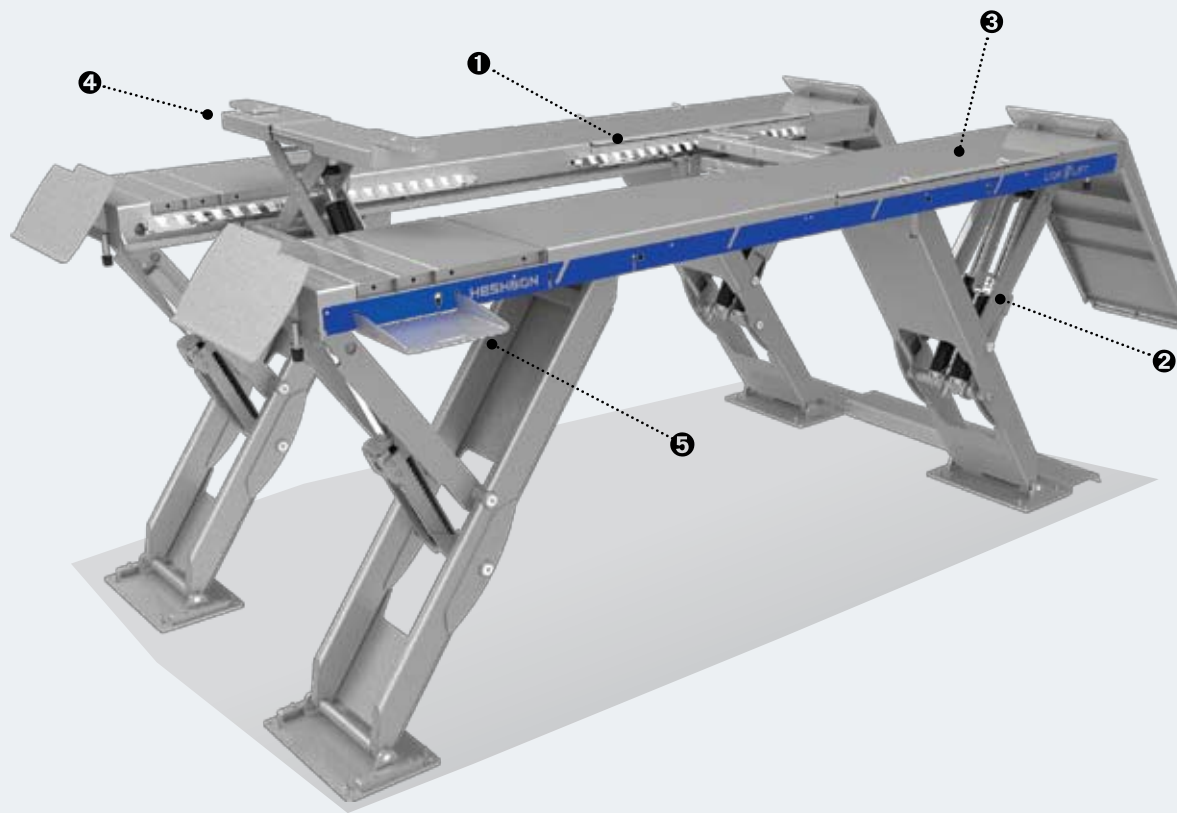
- Master & Slave cylinder system composed by high-Performed durable hydraulic cylinders. ● Air cylinder operated locking device.
- Easy synchronization control system by special hydraulic valves.
- Auxiliary lift table built in the platforms for wheel free operation.
- Auto-pneumatic rear slip plates locking device.
- Front turn-table recesses and rear sliding plates for 4-wheel alignment operation.
- Applicable to both in/above-ground mount. ● Lighting kits 4pcs. (OPTION)
- Descend alarm signal. (CE) ● Pit frame for in-ground type. (OPTION)
- Two step descending system gives full foot protection. (CE)
- Hydraulic hand-pump for emergency ascend/descend. (CE)
- De-synchronization detecting electronic photo-cell. (CE)
- Step-up plates for worker's convenience. (OPTION)
- Ramp extensions for low chassis vehicle. (OPTION)
- Short platform version (4,800mm) is available.

SPECIFICATION

Model No.	HL-52N
Lifting Capacity (kg)	5,000 kg / 3,600 kg
Max.Lifting Height (mm)	Body : 2,007 / Jack : 438 mm
Dimension (mm)	6,715(L) X 2,182(W) X 265(H)
Power Supply & Motor	3ph, 3HP/4HP(CE), 4P, 220/380V, 50/60Hz
Net Weight	3,000 kg

LAY-OUT



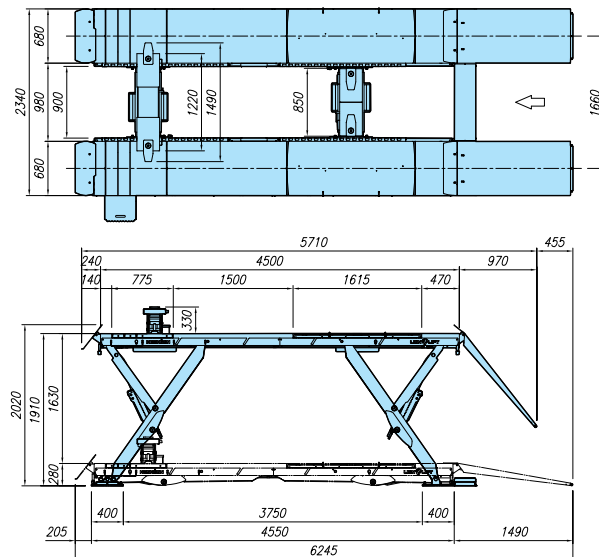


HL-L5BA

4.5TON WHEEL ALIGNMENT SEMI-SCISSOR LIFT



LAY-OUT

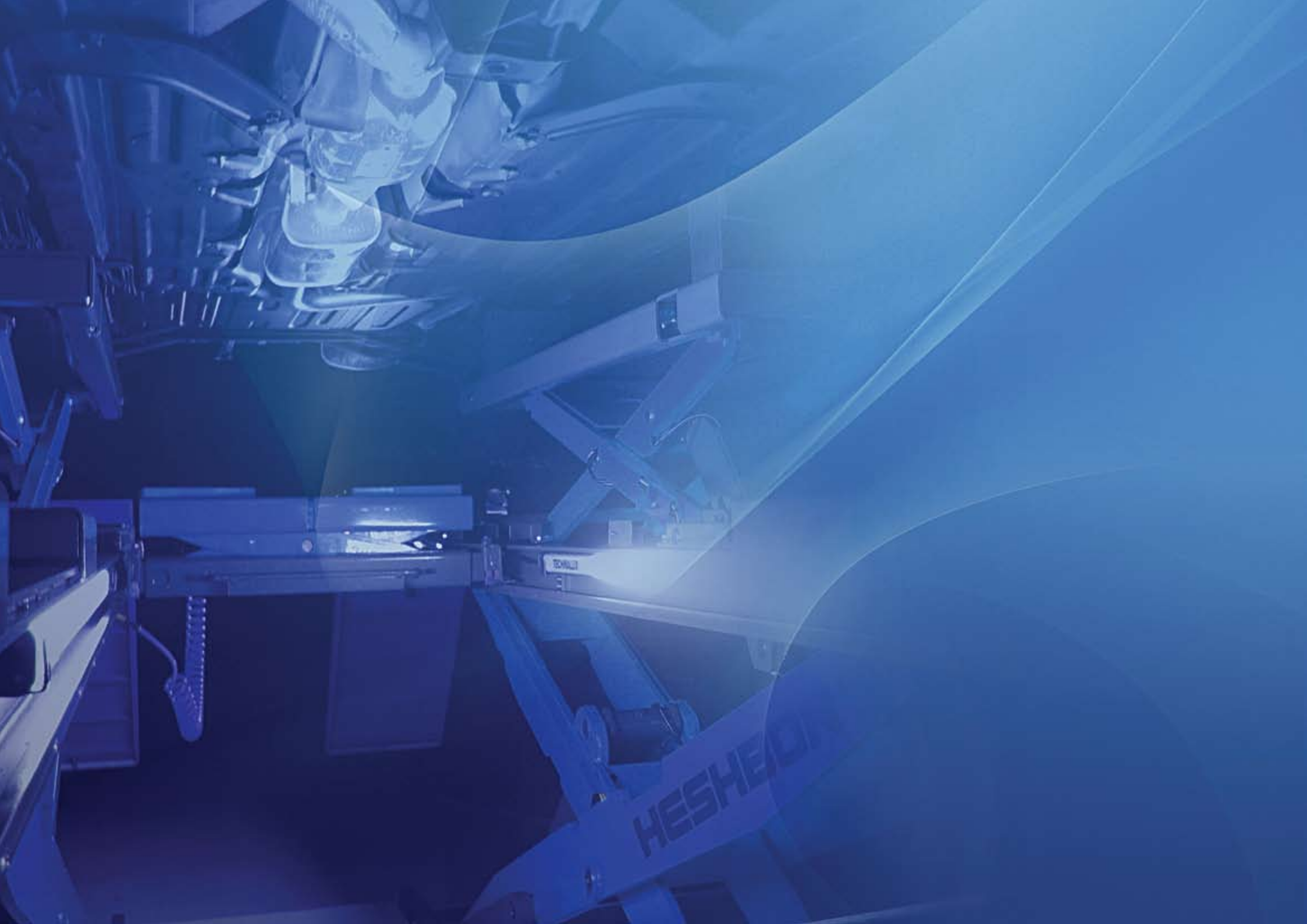


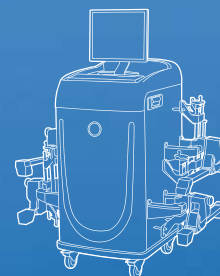
FEATURE

- Master&Slave system composed by high-performed durable hydraulic cylinders.
- Air operated locking device.
- Easy synchronization control system by special hydraulic valves.
- Front turn-table recesses and rear sliding plates for 4-wheel alignment operation.
- Applicable to both in/above-ground mount.
- No cross beam structure on run ways
- Pit frame for in-ground type. (Option)
- Step-up plate for worker's convenience. (Option)

SPECIFICATION

Model No.	HL-L5BA
Lifting Capacity (kg)	4,500 kg / 2,500 kg
Max.Lifting Height (mm)	Body : 1,910 mm / Jack : 540 mm
Dimension (mm)	6,245(L) X 280(H) X 2,340(W) mm
Power Supply & Motor	3ph, 3HP, 4P, 220/380V, 60Hz
Net Weight	2,800 kg





WHEEL/FLUID SERVICE EQPT.LINE UP

WHEEL ALIGNMENT / WHEEL BALANCER /
TRUCK TIRE CHANGER / TIRE CHANGER / REFRIGERANT RECYCLER

All of HESHBON products are produced by the best technicians with the best facilities.



HA-700 | CE

WHEEL ALIGNMENT EQUIPMENT



Autodata

FEATURE

- Computerized wheel aligner with 8-CCD Image Sensor System.
- Autodata dataset integrated.
- Wireless(Bluetooth) / Wire type sensor head.
- Electric leveling sensor gauge.
- Compact and light weight head sensor provides fast and convenience operation.
- Rechargeable Li-ion battery.
- Detachable battery pack and external battery charger.
- Integrate new DSP(Digital Signal Processor) technology for fast measurement operation.
- Integrate spoiler function.
- 9~21" 4 points quick wheel clamps.

<PC specification and accessories>

- Windows 7 Home edition
- INTEL motherboard
- 256 MB RAM
- 80 GB HD
- DVD reader
- High speed USB 2.0 port
- Ethernet network circuit board
- Optical mouse
- Key board
- 17" Color LCD monitor
- HP inkjet printer
- Blitz speaker
- Pedal depressor
- Steering clamp

SPECIFICATION

Monitor	17" Color LCD	Resolution	TOE	±0.01 °
Sensors	Wire type		CAMBER	±0.01 °
Sensor Type	CCD		SETBACK	±0.01 °
Clamp	9"~21"		CASTER	±0.01 °
Spoiler	O	Measurement Range	TOE	±22 °
Printer	O		CAMBER	±22 °
Cabinet	Basic		SETBACK	±22 °
			CASTER	±18 °

FEATURE

- Computerized wheel aligner with 8-CCD Image Sensor System.
- Autodata dataset integrated.
- Wireless(Bluetooth) /Wire type sensor head.
- Electric leveling sensor gauge.
- Compact and light weight head sensor provides fast and convenience operation.
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- Windows 7 Home edition
- INTEL motherboard
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- DVD reader
- High speed USB 2.0 port
- Ethernet network circuit board
- Optical mouse
- Key board
- 17" Color LCD monitor
- HP inkjet printer
- Blitz speaker
- Pedal depressor
- Steering clamp

SPECIFICATION

Monitor	17" Color LCD	Resolution	TOE	$\pm 0.01^\circ$
Sensors	Wireless type (Bluetooth)		CAMBER	$\pm 0.01^\circ$
Sensor Type	CCD		SETBACK	$\pm 0.01^\circ$
Clamp	9"~21"		CASTER	$\pm 0.01^\circ$
Spoiler	O	Measurement Range	TOE	$\pm 22^\circ$
Printer	O		CAMBER	$\pm 22^\circ$
Cabinet	Basic		SETBACK	$\pm 22^\circ$
			CASTER	$\pm 18^\circ$



CE | HA-710

WHEEL ALIGNMENT EQUIPMENT



Cordless Bluetooth sensors remove hassle of connecting cables

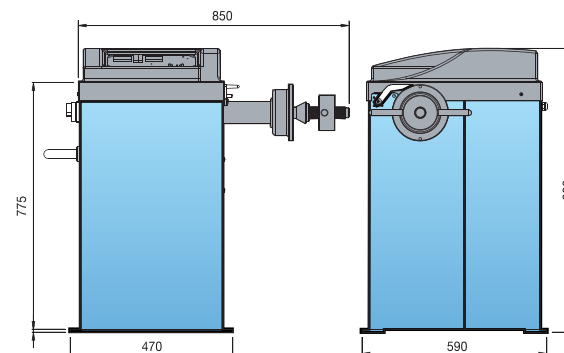


HW-103 | CE

WHEEL BALANCER



LAY-OUT



FEATURE

- Split weight function for aluminum wheels.
- High quality LED display board.
- One touch quick clamping nut.
- Rim distance gauge.
- Precise shaft.
- Wheel cover. (OPTION)

SPECIFICATION

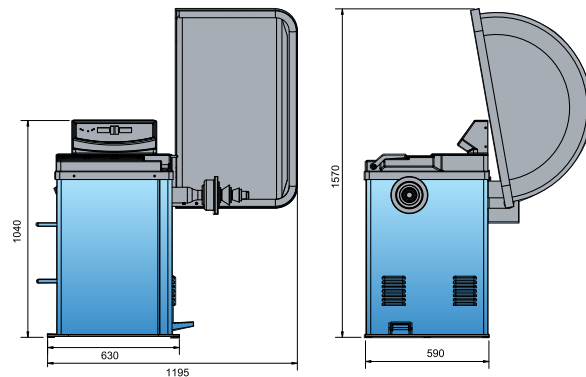
Model	HW-103	Wheel Measurement Range	W : 1.5"~20"
Measuerment Method	Both Sides Simultaneously		D : 10"~24"
Measuring Time	5 ~ 15 sec		
RPM	200rpm	Power Supply	AC 110/230VAC, 1ph, 50/60Hz
Measuring Unit	1g	Dimensions (mm)	850(W)*590(L)*886(H)
Max. Wheel Weight	65KG		

CE | HW-113

WHEEL BALANCER

HESHBON PRODUCT
MODEL NO. HW-113
WHEEL BALANCER

LAY-OUT



FEATURE

- Split weight function for aluminum wheels.
- Laser pointer indicating weight correcting position.
- Auto-Electric brake system on the weight correcting position.
- Brake pedal function integrated Auto-distance input function.
- High quality LED displayed board.
- One touch quick clamping nut.
- Rim distance gauge.
- Precise shaft.
- Wheel cover. (OPTION)

SPECIFICATION

Model	HW-113	Wheel Measurement Range	W : 1.5"~20"
Measuerment Method	Both Sides Simultaneously		D : 10"~24"
Measuring Time	5 ~ 15 sec	Max.	900mm(with wheel cover)
RPM	200rpm		AC 110/230VAC,1ph,50/60Hz
Measuring Unit	1g	Dimensions (mm)	1,195(W)*1,085(L)*1,570(H)
Max. Wheel Weight	65KG		

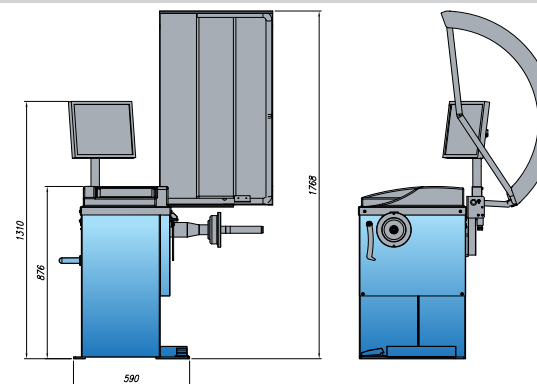


HW-105 | CE

LCD MONITOR WHEEL BALANCER



LAY-OUT



FEATURE

- Split weight function for aluminum wheels.
- Laser pointer indicating weight correcting position.
- Auto-distance input function.
- 17" LCD monitor type.
- One touch quick clamping nut.
- Rim distance gauge.
- Precise shaft.
- Wheel cover. (OPTION)

SPECIFICATION

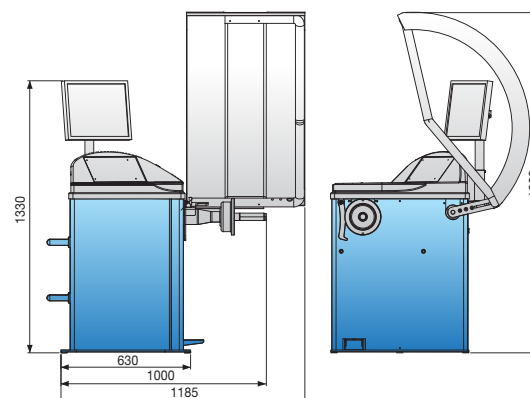
Model	HW-105	Wheel Measurement Range	W : 1.5"~20"
Measuerment Method	Both Sides Simultaneously		D : 10"~24"
Measuring Time	5 ~ 15 sec	Max. Wheel Diameter	1000mm (with wheel cover)
RPM	200rpm		Power Supply
Measuring Unit	1g		AC 110/230VAC, 1ph, 50/60Hz
Max. Wheel Weight	65KG	Dimensions (mm)	1,000(W)*1,115(L)*1,768(H)



HW-125

LCD MONITOR WHEEL BALANCER

LAY-OUT



FEATURE

- Split weight function for aluminum wheels.
- Laser pointer indicating weight correcting position.
- Brake pedal function integrated Auto-distance input function.
- Automatic Rim distance, width and diameter measuring gauge.
- 17" LCD monitor type.
- One touch quick clamping nut.
- Precise shaft.
- Wheel cover. (STANDARD)

SPECIFICATION

Model	HW-125	Wheel Measurement Range	W : 1.5"~20"
Measurment Method	Both Sides Simultaneously		D : 10"~24"
Measuring Time	7 sec.	Max. Wheel Diameter	1000mm (with wheel cover)
RPM	200rpm		Power Supply
Measuring Unit	1g	Dimensions (mm)	AC 110/230VAC, 1ph, 50/60Hz
Max. Wheel Weight	65KG		1,320x970x1,340 mm

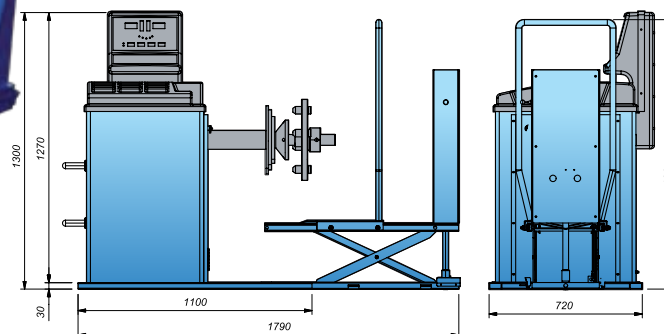


HW-131 | CE

TRUCK WHEEL BALANCER



LAY-OUT



FEATURE

- Pneumatic tire lift for convenient and easy wheel adapt.
- Universal quick flange wheel adaptor.
- High quality LED displayed board.
- Precise shaft.

SPECIFICATION

Model	HW-131	Wheel Measurement Range	W : 1.5"~20"
Measuerment Method	Both Sides Simultaneously		D : 10"~30"
Measuring Time	12 ~ 20 sec	Power Supply	AC 110/230VAC, 1ph, 50/60Hz
RPM	100 rpm		Dimensions (mm)
Measuring Unit	1g		1,790(W)*720(L)*1,300(H)
Max. Wheel Weight	250KG		

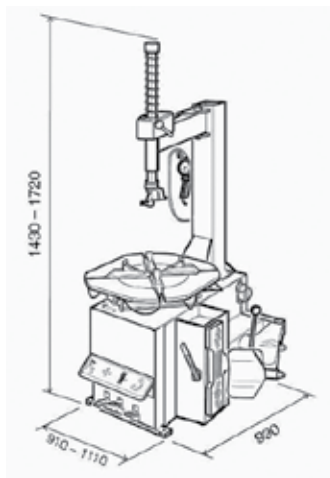
HT-200

TIRE CHANGER

HESHBON PRODUCT
TIRE CHANGER

MODEL NO.
HT-200

LAY-OUT



FEATURE

- High-Performed semi-automatic 3 foot pedals and air bead breaker.
- Powerful motor.
- Manual swing arm.
- Tire air inflator.
- Plastic jaw cover to protect from the wheel damage.
- Simple and easy operate method for user friendly.

SPECIFICATION

Model	HT-200
Bead-Breaker Force	2,500kgf
Max.Turntable Torque	1,200Nm
Max. Wheel Width	330mm (13")
Operating Pressure	10 bar (140psi)
Motor Power	0.75kW
Power Supply	1ph/3ph 110/220V 50/60Hz
Weight	213 kg

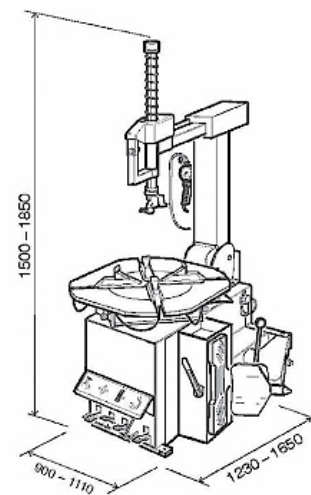


HT-210

TIRE CHANGER & TILTING POST



LAY-OUT



FEATURE

- High-Performed semi-automatic 4 foot pedals and air bead breaker.
- Powerful motor.
- Manual swing arm.
- Tire air inflator.
- Jaw with jet-blaster for wide range of wheels.
- Plastic jaw cover to protect from the wheel damage.
- Simple and easy operate method for user friendly.
- Tilting post by pedal controlled.

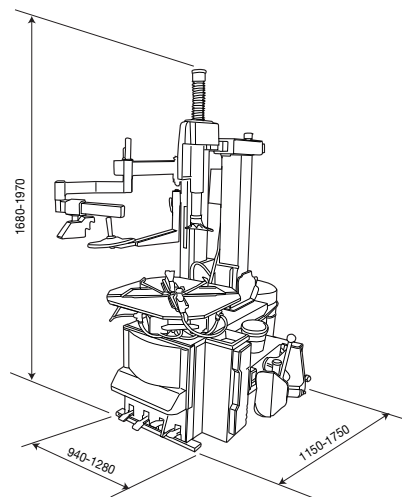
SPECIFICATION

Model	HT-210
Bead-Breaker Force	2,500kgf
Max.Turntable Torque	1,200Nm
Max. Wheel Width	330mm (13")
Operating Pressure	10 bar (140psi)
Motor Power	0.75kW
Power Supply	1ph/3ph 110/220V 50/60Hz
Weight	233 kg

HT-220

TIRE CHANGER WITH ZET BLASTER & HELPER

LAY-OUT



FEATURE

- High-Performed semi-automatic 4 foot pedals.
- Air bead breaker with double effect pneumatic cylinder.
- Powerful motor. • Manual swing arm.
- Tire air inflator.
- Jaw with jet-blaster for wide range of wheels.
- Plastic jaw cover to protect from the wheel damage.
- Simple and easy operate method.
- Tilting post by pedal controlled.
- Pneumatic left helper arm.

SPECIFICATION

Model	HT-220
Bead-Breaker Force	3,200kgf
Max.Turntable Torque	1,200Nm
Max. Wheel Width	330mm (13")
Operating Pressure	10 bar (140psi)
Motor Power	0.75kW
Power Supply	1ph/3ph 110/220V 50/60Hz
Weight	273kg

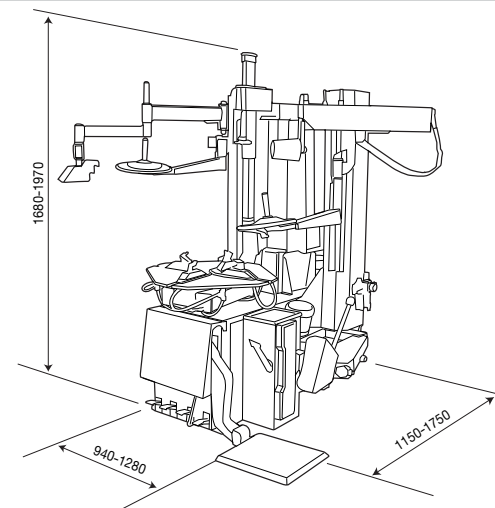


HT-230

TIRE CHANGER WITH ZET BLASTER-TILT ARM & HELPER



LAY-OUT



FEATURE

- High-Performed semi-automatic 4 foot pedals.
- Air bead breaker with double effect pneumatic cylinder.
- Powerful motor.
- Manual swing arm.
- Tire air inflator.
- Jaw with jet-blaster for wide range of wheels.
- Plastic jaw cover to protect from the wheel damage.
- Simple and easy operate method.
- Tilting post by pedal controlled.
- Pneumatic left helper arm and right press arm for premium service operation.
- Pneumatic wheel lift for convenient and easy wheel adapt. (OPTION)

SPECIFICATION

Model	HT-230
Bead-Breaker Force	3,200kgf
Max.Turntable Torque	1,200Nm
Max. Wheel Width	350mm (15")
Operating Pressure	10 bar (140psi)
Motor Power	0.75kW
Power Supply	1ph/3ph 110/220V 50/60Hz
Weight	405 kg

CE | HT-300H

TRUCK TIRE CHANGER

HESHON PRODUCT
TIRE CHANGER

MODEL NO.
HT-300H



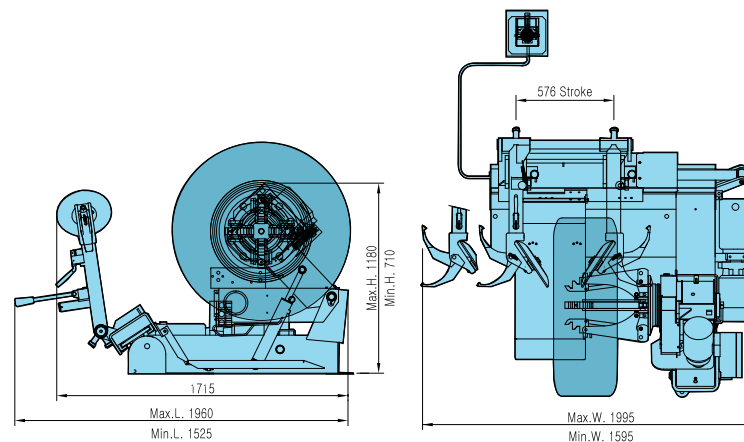
FEATURE

- High-Performed multi-function tool arm and loading plate.
- Remote controller type.
- High quality hydraulic power motor and valves.
- Jaw for wide range of wheels.
- Compatible with tube/tubeless tires.
- Used for both detaching and attaching tires.

SPECIFICATION

Model	HT-300H
Wheel size	14"~26.5"
Max.Tire Diameter	1,500mm
Max .Tire Width	630mm
Jaw Locking Force	800kgf
Hyd Motor/Chuck Motor	3ph 2HP 220/380/415V 50/60Hz
Net Weight	650kg
Max. Dimensions (mm)	1,960(L) × 1,995(W) × 1,180(H)

LAY-OUT

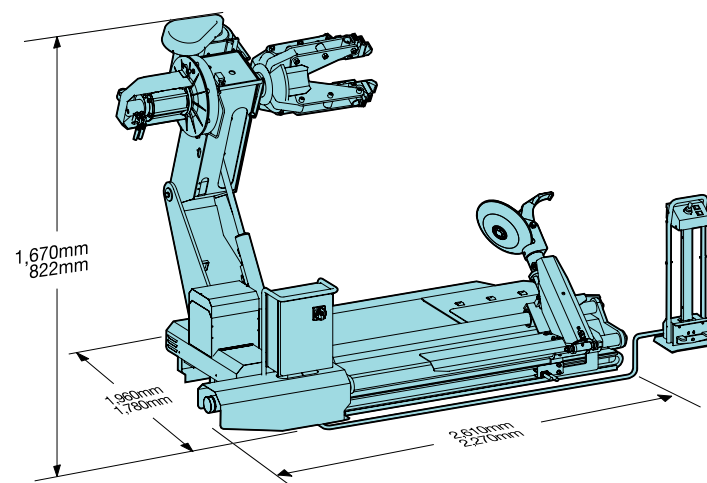


HT-56H

TRUCK TIRE CHANGER



LAY-OUT



FEATURE

- High-Performed automatic tool arm and loading plate.
- Remote controller type. ● 3HP powerful motor.
- High quality hydraulic power motor and valves.
- Jaw for wide range of wheels.
- Compatible with tube/tubeless tires.
- Used for both detaching and attaching tires.
- Check valve prevent wheel escaping from the jaw caused by unbalanced jawing.
- Safety body guide sensor.

SPECIFICATION

Model	HT-56H
Wheel size	14"~56"
Max.Tire Diameter	2,500mm
Max .Tire Width	1,000mm
Jaw Locking Force	800kgf
Hyd Motor/Chuck Motor	3ph 2HP 220/380/415V 50/60Hz
Net Weight	800kg
Max. Dimensions (mm)	1,960(L) × 2,610(W) × 1,670(H)

CE | HR-371

REFRIGERANT RECYCLER



FEATURE

- The large capacity recovery tank. (21.7kg DOT)
- Self-Diagnosis.
- Automatic leak test during the vacuum phase.
- Service alarm for maintenance and filter replacement require.
- The large capacity recovery compressor(HBP type) and vacuum pump guarantee saving working time.
- Operator code for assigning an operator password to protect against unauthorized uses.
- Additional functions such as Auto-Air purge, Auto-used oil discharging system, Recycle and charge functions are contained.
- High quality visual pressure gauge and LCD panel.

SPECIFICATION

Model No.	HR-371
Type of refrigerant	R-134a
Vacuum pump	140 ℓ /min
Service procedure	Automatic or Manual
Scale range	5g ~75kg
Working temperature range	10~40°C
Filter system	2 filters for humidity
Sealed compressor	1/2hp, 220~240V / 50Hz
Recovery speed	300g/min in liquid phase
Refrigerant tank capacity	21.7kg / Refillable
Hose	2.5meter
Display	LCD
Dimension (mm)	500(W) x 710(L) x 1090(H)
Net weight	98kg
Power supply	AC220V, 50/60Hz



HO-211

AUTOMATIC TRANSMISSION FLUID EXCHANGER

ATF

EXCHANGER

Heshbon Automatic Transmission
Fluid Exchanger SYSTEM



FEATURE

- Dual pump for Used / New fluid.
- Two transparent glass indicators show the condition of injection and suction fluids.
- In-line filter guarantees only clean fluids being injected to the transmission system.
- Used fluid could be directly released into disposal tank or container for recycling.
- Each fluid hoses colored differently in accordance with their usage so, operator can easily and quickly set up the proper connection. Applicable to all kind of vehicles.

SPECIFICATION

Model	HO-211
Motor	200W / 4P / 240V / 50Hz (Dual pump)
Pump capacity	7.2ℓ/min
Oil tank capacity	20ℓ
Converter cleaning type	External oil filter
Filter	Standard oil filter of passenger car
Dimension (mm)	380(W) x 472(L) x 960(H)
Net weight	50kg
Power supply	AC 220/240V, 50/60Hz

HG-510/520

2-GAS / 4-GAS ANALYZERS



MEASUREMENT :

NDIR(Non-dispersive infrared)and electronical

- CO (Carbon Monoxide)
- HC (Hydro Carbons)
- CO2 (Carbon Dioxide)
- O2 (Oxygen)
- LAMBDA & AFR (Air-Fuel-Ratio)

STANDARD ACCESSORIES

- Exhaust probe and tap assembly
- Sample hose / power cord / moisture trap filter element

OPTIONAL ACCESSORIES

- NOx sensor
- PC interface software
- RS 232 C

EXTERNAL DIMENSIONS : 285(W) X 410(D) X155(H)mm

NET WEIGHT : 10kg

TECHNICAL DATA

- CO measurement range : 0-9.99% with 0.01% resolution
- HC measurement range : 0-9999 ppm with 1 ppm res.
- CO2 measurement range : 0-20.0%with 0.01%res.
- O2 measurement range : 0-25.00% WITH 0.01%res.
- LAMBDA range : 0-2.000 with0.01%res.
- AFR range : 0-99.0 with 0.1 res.
- Ambient temperature : 0 – 40°C
- Microprocessor control
- Automatic zero and span adjustment
- Full digital display visible in any light
- LED indicators for all functions
- Membrane switches -Serial PC interface
- Fast response time
- Automatic calibration
- Software supported gas calibrating procedure
- Flow absence detector
- Response time :10sec
- Pre-heating time :app. 3-8min.
- Power supply :110/220/240Vac 50/60Hz

HD-410

DIESEL SMOKE OPACITY METER



SMOKE OPACITY METER COMPOSITION



- ① OIL TEMP. SENSOR [OPTION]
- ② POWER CORD
- ③ RS232C CABLE
- ④ RPM SENSOR (BATTERY TYPE)[OPTION]
- ⑤ BOLT
- ⑥ PROBE & HOSE

SPECIFICATION

Model	HD-410					
Measu. ITEMS	Smoke opacity, Smoke Density, RPM(option)					
Light Source	Green LED(565nm)					
Detection	Photodiode					
Shell Length & Inside.Diam.	Length : 215mm , Inside diameter : 21mm					
Shell Tempur.	Maintain constantly about 80					
Measuring range	Smoke	0.0~100.0%	Light	0.00~21.42m-1	RPM	0~8000rpm
Resolution	Smoke	0.1%	Light	0.01m-1	RPM	10rpm
Display	Smoke	4digit 7segmentLED	Light	4digit 7segmentLED	RPM	4digit 7segmentLED
Repeat	Within 1%					
Precision	Within $\pm 1\%$ (RPM ± 80 rpm)					
Responding time	0.5second(90%)					
Smoke detecting speed	60 times per a second					
Display of smoke density	4 times per a second					
Data dispatch	RS232 Method, 4 times per a second (Ref. Protocol)					
Warming up time	About 6 minutes					
Using filter	0.5second Besel low pass digital filter					
Electricity source	220V AC / 110V AC 60Hz					
Expending Wattage	About 50W					
Proper temperature	0~40°C					
Size	400(W) x 170(D) x 200(H) mm (excluding prop)					
Weight	About 5kg					
Probe length	760mm					
Probe inside diam.	Inside diameter: 10mm					
Option	RPM sensor (battery re-charge method), Temperature sensor					
Supplied Accessory	Probe, Electric code, Manual					



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