

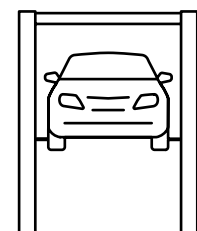
# LIGHT DUTY *QuickShip*







# LIFTING



ELECTRO-MECHANICAL 2-POST LIFTS

# LEGEND SERIES - 3.2 T



TYPES OF VEHICLES



- Equipped with an acoustic anti toe trap system. **Free from mechanical foot guards.**
- Internal carriages running on lubricated sliding guides, protected from the external environment, that ensures a **longer life to the sliding elements.**
- Electronic synchronization.

## KPX32 - KPX32P

- The geometry of the arms was designed to lift anything from city to long wheelbase cars.
- Truly asymmetric columns designed to optimize the drive through and footprint.



### More space for movement around the vehicle.

The lift is designed to maximise its layout while ensuring minimum space requirements.



## KPE32

- The geometry of the arms was designed to lift anything from city to long wheelbase cars.
- Switch operated lifting control.
- Overhead cable crossing.
- Short 3-stage arms and long 2-stage arms with quick fit telescopic rubber pad.



## KPC32

- The geometry of the arms was designed to lift anything from city to long wheelbase cars.
- Base with smaller size that reduces the work area space. A set with two plates allows lifts to be installed even on a quality of concrete lower than required.
- Short 3-stage arms and long 2-stage arms with quick fit telescopic rubber pad.



## KPS32N

- The geometry of the arms was designed to lift anything from city to long wheelbase cars.
- The base has been designed to ensure maximum stability even on surfaces that are not perfectly level, thus offering greater flexibility during installation.
- Short 3-stage arms with quick fit telescopic rubber pad.

# CONFIGURATIONS

		Base	Control	TEq-Link	Energy kit
KPX32	RAV.KPX32.198570		rotating switch		
KPX32P	RAV.KPX32.198624		push buttons	✓	✓
KPE32	RAV.KPE32.198662		rotating switch		
KPE32	RAV.KPE32.198679		rotating switch		
KPC32	RAV.KPC32.198709	space-saving	rotating switch		
KPS32N	RAV.KPS32.198532		push buttons	✓	

# TECHNICAL DATA

	KPX32	KPX32P	KPE32	KPE32	KPC32	KPS32N
	RAV.KPX32.198570	RAV.KPX32.198624	RAV.KPE32.198662	RAV.KPE32.198679	RAV.KPC32.198709	RAV.KPS32.198532
Capacity	3200 kg	3200 kg	3200 kg	3200 kg	3200 kg	3200 kg
Max. lifting height	1992 mm	1992 mm	1951 mm	1951 mm	1980 mm	2031 mm
Lifting time	42 s	42 s	42 s	42 s	42 s	42 s
Min. pad height	92 mm	92 mm	81 mm	81 mm	110 mm	88 mm
Max. pad height	137 mm	137 mm	126 mm	126 mm	155 mm	156 mm
Column height	2919 mm	2914 mm	2757 mm	2757 mm	2757 mm	2839 mm
Drive-through width	2372 - 2472 mm	2372 - 2472 mm	2468 mm	2468 mm	2468 mm	2468 mm
Min. ceiling height	4150 mm	4150 mm	4050 mm	4050 mm	4050 mm	4050 mm
Distance inside columns	2600 - 2700 mm	2600 - 2700 mm	2764 mm	2764 mm	2764 mm	2766 mm
Min. front arm length	550 mm	550 mm	550 mm	550 mm	550 mm	584 mm
Max. front arm length	1106 mm	1106 mm	1106 mm	1106 mm	1106 mm	1196 mm
Min. rear arm length	600 mm	600 mm	600 mm	600 mm	600 mm	584 mm
Max. rear arm length	1280 mm	1280 mm	1280 mm	1280 mm	1280 mm	1196 mm
Driving power	2x2.6 Kw	2x2.6 Kw	2x2.6 Kw	2x2.6 Kw	2x2.6 Kw	2x2.6 Kw
Power supply	400 V   50 Hz   3 Ph					
Width	3250 - 3350 mm	3250 - 3350 mm	3318 mm	3318 mm	3318 mm	3336 mm
Max. height	4052 mm	4052 mm	3918 mm	3918 mm	2757 mm	2839 mm

KPX32							<ul style="list-style-type: none"> <li>● SMART</li> <li>● BMW - G12</li> <li>● BMW - Z4</li> <li>● BMW - i3</li> <li>● BMW - E83</li> <li>● RENAULT - CLIO</li> <li>● VW - TIGUAN</li> <li>● AUDI - A3</li> <li>● VW - TOUAREG</li> <li>● AUDI - Q7</li> <li>● VW - ID4</li> <li>● AUDI - Q4 ETRON</li> <li>● TESLA - MODEL X</li> <li>● RENAULT - ZOE</li> </ul>
KPX32P							<ul style="list-style-type: none"> <li>● SMART</li> <li>● BMW - G12</li> <li>● BMW - Z4</li> <li>● BMW - i3</li> <li>● BMW - E83</li> <li>● RENAULT - CLIO</li> <li>● VW - TIGUAN</li> <li>● AUDI - A3</li> <li>● VW - TOUAREG</li> <li>● AUDI - Q7</li> <li>● VW - ID4</li> <li>● AUDI - Q4 ETRON</li> <li>● TESLA - MODEL X</li> <li>● RENAULT - ZOE</li> </ul>
KPE32							<ul style="list-style-type: none"> <li>● SMART</li> <li>● BMW - G12</li> <li>● BMW - Z4</li> <li>● BMW - i3</li> <li>● BMW - E83</li> <li>● RENAULT - CLIO</li> <li>● VW - TIGUAN</li> <li>● AUDI - A3</li> <li>● VW - TOUAREG</li> <li>● AUDI - Q7</li> <li>● VW - ID4</li> <li>● AUDI - Q4 ETRON</li> <li>● TESLA - MODEL X</li> <li>● RENAULT - ZOE</li> </ul>
KPC32							<ul style="list-style-type: none"> <li>● SMART</li> <li>● BMW - G12</li> <li>● BMW - Z4</li> <li>● BMW - i3</li> <li>● BMW - E83</li> <li>● RENAULT - CLIO</li> <li>● VW - TIGUAN</li> <li>● AUDI - A3</li> <li>● VW - TOUAREG</li> <li>● AUDI - Q7</li> <li>● VW - ID4</li> <li>● AUDI - Q4 ETRON</li> <li>● TESLA - MODEL X</li> <li>● RENAULT - ZOE</li> </ul>
KPS32N							<ul style="list-style-type: none"> <li>● SMART</li> <li>● BMW - G12</li> <li>● BMW - Z4</li> <li>● BMW - i3</li> <li>● BMW - E83</li> <li>● RENAULT - CLIO</li> <li>● VW - TIGUAN</li> <li>● AUDI - A3</li> <li>● VW - TOUAREG</li> <li>● AUDI - Q7</li> <li>● VW - ID4</li> <li>● AUDI - Q4 ETRON</li> <li>● TESLA - MODEL X</li> <li>● RENAULT - ZOE</li> </ul>

ELECTRO-MECHANICAL 2-POST LIFTS

# LEGEND SERIES - 3.5 T



- Internal carriages running on lubricated sliding guides, protected from the external environment, that ensures a **longer life to the sliding elements**.
- Equipped with an acoustic anti toe trap system. **Free from mechanical foot guards.**



TYPES OF VEHICLES



MECHANICAL WORKSHOP



## KPX35- KPX35E

- The geometry of the arms has been designed to lift anything from city cars to long wheel-base medium vans.
- Truly asymmetric columns designed to optimize the drive through and footprint.
- Short 3-stage arms and long 2-stage arms with quick fit telescopic rubber pad.



E-version with Energy kit.

## KPX35EV

Perfect for battery-electric vehicles and Sports cars with low profile.

The rotating terminal makes it possible to easily reach the pick-up points keeping the arm body safely away from the vehicle chassis; in this way, contacts between vehicle and lifting arms are avoided.



The movement flexibility of the arms provides direct access to the battery pack for its removal operations.

## CONFIGURATIONS

		Control	TEq-Link	Energy kit
KPX35	RAV.KPX35.990105	rotating switch	✓	
KPX35E	RAV.KPX35.199157	push buttons	✓	✓
KPX35EV	RAV.KPX35.993939	rotating switch	✓	

## TECHNICAL DATA

	KPX35	KPX35EV	KPX35E
	RAV.KPX35.990105	RAV.KPX35.993939	RAV.KPX35.199157
Capacity	3500 kg	3500 kg	3500 kg
Max. lifting height	2012 mm	2010 mm	2012 mm
Lifting time	42 s	42 s	42 s
Min. pad height	112 mm	95 mm	112 mm
Max. pad height	157 mm	155 mm	157 mm
Column height	2920 mm	2920 mm	2920 mm
Drive-through width	2372 - 2472 mm	2372 - 2472 mm	2372 - 2472 mm
Min. ceiling height	4150 mm	4150 mm	4150 mm
Distance inside columns	2600 - 2700 mm	2600 - 2700 mm	2600 - 2700 mm
Min. front arm length	550 mm	668 mm	550 mm
Max. front arm length	1106 mm	1143 mm	1106 mm
Min. rear arm length	876 mm	686 mm	876 mm
Max. rear arm length	1472 mm	1474 mm	1472 mm
Driving power	2x2.6 Kw	2x2.6 Kw	2x2.6 Kw
Power supply	400 V   50 Hz   3 Ph	400 V   50 Hz   3 Ph	400 V   50 Hz   3 Ph
Width	3250 - 3350 mm	3250 - 3350 mm	3250 - 3350 mm
Max. height	4056 mm	4056 mm	4056 mm

KPX35

- FORD TAURUS
- FORD KUGA
- SMART
- BMW - Z4
- BMW - i3
- BMW - E83
- VW - T6 passo lungo
- VW - TIGUAN
- VW - TOUAREG
- VW - ID4
- AUDI - A3
- AUDI - Q7
- AUDI - Q4 ETRON
- TESLA - MODEL X
- RENAULT - ZOE
- RENAULT - CLIO

KPX35E

- SMART
- BMW - Z4
- BMW - i3
- BMW - E83
- VW - T6 passo lungo
- VW - TIGUAN
- VW - TOUAREG
- VW - ID4
- AUDI - A3
- AUDI - Q7
- AUDI - Q4 ETRON
- TESLA - MODEL X
- RENAULT - ZOE
- RENAULT - CLIO

KPX35EV

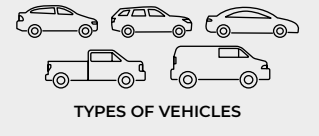
- FORD TAURUS
- FORD KUGA
- SMART
- BMW - Z4
- BMW - i3
- BMW - E83
- VW - T6 passo lungo
- VW - TIGUAN
- VW - TOUAREG
- VW - ID4
- AUDI - A3
- AUDI - Q7
- AUDI - Q4 ETRON
- TESLA - MODEL X
- RENAULT - ZOE
- RENAULT - CLIO

ELECTRO-MECHANICAL 2-POST LIFTS

# LEGEND SERIES - 4.2 & 5.5 T



- Automatic conical arm locking system.
- Automatic and permanent nut lubrication system to guarantee efficient movement during lifting and descent.
- Possibility to install without gantry with cables installed inground.
- Equipped with an acoustic anti toe trap system. Free from mechanical foot guards.



## KPX42LIK

- Symmetrical arm configuration (four long arms).
- Designed for lifting long-wheel base vans.



## KPX55LIKTA

- The arms geometry is designed to lift long-wheel base commercial vehicles and vans, as well as cars and armoured cars.
- Version with two long 3-stage arms and two short 4-stage arms.

### CONFIGURATIONS

		Control	Double control panel + Energy kit	TEq-Link
KPX42	RAV.KPX42.982599	rotating switch		✓
KPX42LIK	RAV.KPX42.984401	rotating switch		✓
KPX55LIKTA	RAV.KPX55.198945	push buttons		✓
KPX55ELIKTA	RAV.KPX55.198976	push buttons	✓	✓

### TECHNICAL DATA

	KPX42	KPX42LIK	KPX55LIKTA	KPX55ELIKTA
	RAV.KPX42.982599	RAV.KPX42.984401	RAV.KPX55.198945	RAV.KPX55.198976
Capacity	4200 kg	4200 kg	5500 kg	5500 kg
Max. lifting height	2042 mm	2011 mm	2024 mm	2024 mm
Lifting time	58 s	58 s	58 s	58 s
Min. pad height	117 mm	115 mm	114 mm	114 mm
Max. pad height	153 mm	156 mm	169 mm	169 mm
Column height	2863 mm	2863 mm	3078 mm	3078 mm
Drive-through width	2504 mm	2504 mm	2762-2662 mm	2762-2662 mm
Min. ceiling height	4100 mm	4100 mm	5300 mm	5300 mm
Distance inside columns	2700 - 2800 mm	2700 - 2800 mm	3000 - 3100 mm	3000 - 3100 mm
Min. front arm length	525 mm	705 mm	714 mm	714 mm
Max. front arm length	981 mm	1330 mm	1790 mm	1790 mm
Min. rear arm length	922 mm	705 mm	836 mm	836 mm
Max. rear arm length	1460 mm	1330 mm	1791 mm	1791 mm
Driving power	2x3.5 Kw	2x3.5 Kw	2x3.5 Kw	2x3.5 Kw
Power supply	400 V   50 Hz   3 Ph	400 V   50 Hz   3 Ph	400 V   50 Hz   3 Ph	400 V   50 Hz   3 Ph
Width	3428 - 3528 mm	3428 - 3528 mm	3724 - 3824 mm	3724 - 3824 mm
Max. height	4000 mm	4000 mm	5210 mm	5210 mm

KPX42

- SMART
- BMW - Z4
- BMW - i3
- BMW - E83
- VW - T6 passo lungo
- VW - TIGUAN
- VW - TOUAREG
- VW - ID4
- AUDI - A3
- AUDI - Q7

- AUDI - Q4 ETRON
- TESLA - MODEL X
- RENAULT - ZOE
- RENAULT - CLIO
- VW - CRAFTER L3 F/Q+4x4
- VW - CRAFTER L4 F/Q+4x4
- FIAT - DUCATO PASSO 4035
- MERCEDES-SPRINTER L3

KPX42LIK

- SMART
- BMW - Z4
- BMW - i3
- BMW - E83
- VW - T6 passo lungo
- VW - TIGUAN
- VW - TOUAREG
- VW - ID4
- AUDI - A3
- AUDI - Q7

- AUDI - Q4 ETRON
- TESLA - MODEL X
- RENAULT - ZOE
- RENAULT - CLIO
- VW - CRAFTER L3 F/Q+4x4
- VW - CRAFTER L4 F/Q+4x4
- FIAT - DUCATO PASSO 4035
- MERCEDES-SPRINTER L3

KPX55LIKTA

- SMART
- BMW - Z4
- BMW - i3
- BMW - E83
- VW - T6 passo lungo
- VW - TIGUAN
- VW - TOUAREG
- VW - ID4
- AUDI - A3
- AUDI - Q7

- AUDI - Q4 ETRON
- TESLA - MODEL X
- RENAULT - ZOE
- RENAULT - CLIO
- VW - CRAFTER L3 F/Q+4x4
- VW - CRAFTER L4 F/Q+4x4
- FIAT - DUCATO PASSO 4035
- MERCEDES-SPRINTER L3

KPX55ELIKTA

- FORD KUGA
- SMART
- BMW - Z4
- BMW - i3
- BMW - E83
- VW - T6 passo lungo
- VW - TIGUAN
- VW - TOUAREG
- VW - ID4
- AUDI - A3

- AUDI - Q7
- FORD TAURUS
- AUDI - Q4 ETRON
- TESLA - MODEL X
- RENAULT - ZOE
- RENAULT - CLIO
- VW - CRAFTER L3 F/Q+4x4
- VW - CRAFTER L4 F/Q+4x4
- FIAT - DUCATO PASSO 4035
- MERCEDES-SPRINTER L3

**LIFTING**

8

ELECTRO-MECHANICAL 2-POST LIFTS

# LEGEND SERIES - KPX40AV NEW

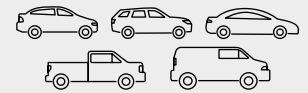
- Arms made of special steel, with first stage height just 70 mm and second stage height 85 mm.



**E version** equipped with double control panel and Energy kit.



Equipped with an acoustic anti toe trap system. Free from mechanical foot guards.



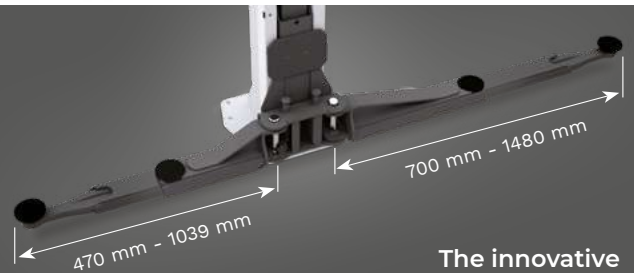
TYPES OF VEHICLES



CLOSED ARM.



FULLY EXTENDED ARM.



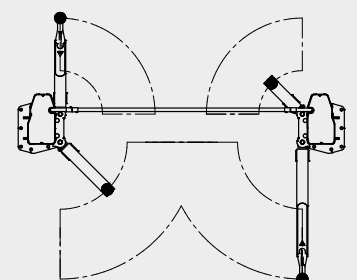
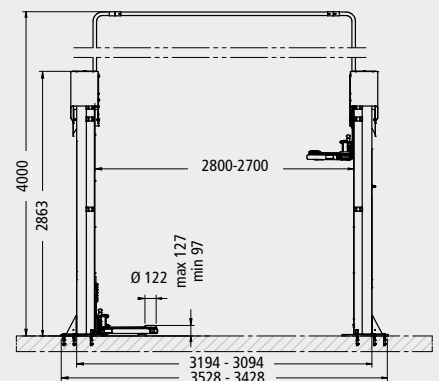
The innovative AV ("All Vehicles") arms extend 20% further than conventional arms, allowing them to reach the lifting points of a wide range of vehicles.

**CONFIGURATIONS**

		Control	Double control panel + Energy kit	TEq-Link
KPX40AV	RAV.KPX40.982049	rotating switch		✓
KPX40AVE	RAV.KPX40.198235	push buttons	✓	✓

**TECHNICAL DATA**

	KPX40AV	KPX40AVE
	RAV.KPX40.982049	RAV.KPX40.198235
Capacity	4000 kg	4000 kg
Max. lifting height	1982 mm	1982 mm
Lifting time	58 s	58 s
Min. pad height	97 mm	97 mm
Max. pad height	127 mm	127 mm
Distance inside columns	2700 - 2800 mm	2700 - 2800 mm
Distance outside columns	3194 - 3094 mm	3194 - 3094 mm
Distance between outer plates	3528 mm	3528 mm
Column height	2863 mm	2863 mm
Drive-through width	2504 mm	2504 mm
Min. ceiling height	4100 mm	4100 mm
Surface coating	powder coating	
Min. front arm length	470 mm	470 mm
Max. front arm length	1039 mm	1039 mm
Min. rear arm length	725 mm	725 mm
Max. rear arm length	1480 mm	1480 mm
Driving power	2x3.5 kW	2x3.5 kW
Power supply	3 Ph   400 V   50 Hz	3 Ph   400 V   50 Hz
Max. height	4000 mm	4000 mm



ELECTRO-HYDRAULIC 2-POST LIFTS

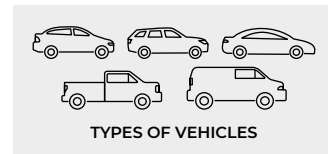
# HORIZON SERIES



- Both columns feature a maintenance-free cylinder.
- Perfect synchronisation of the carriages thanks to hydraulic system, rope-free alignment.

**Three different installation heights:**  
4170 - 4055 - 3940 mm.

- **Mechanical safety always on.** The presence of the mechanical harpoon guarantees extreme safety when parking.
- The rod is integrated inside the column, thus not being exposed to factors that could cause it to be damaged.



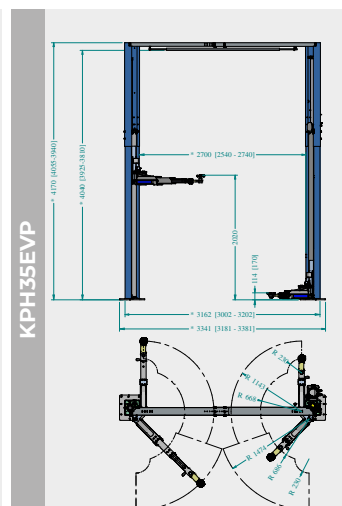
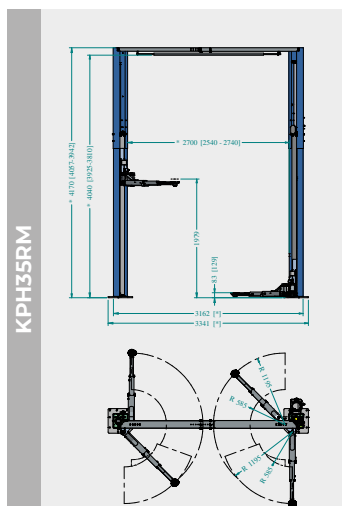
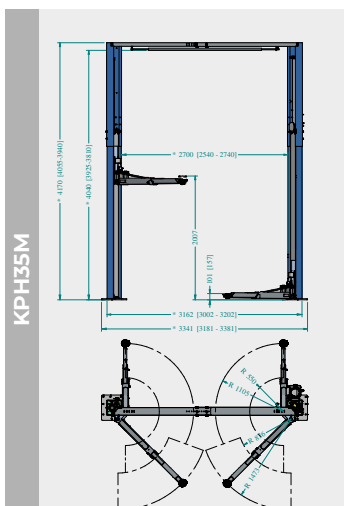
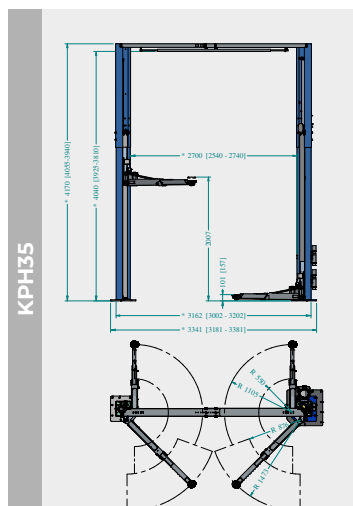
Arm safety locking with automatic engagement and automatic release when the arm reaches the floor.

## CONFIGURATIONS

	Version	Energy kit	Double control panel	Triple speed
KPH35 Standard	RAV.KPH35.197245	standard		
KPH35M Medium	RAV.KPH35.197252	medium	✓	
KPH35RM Medium Sports Car	RAV.KPH35.197276	medium sports car	✓	
KPH35EVP Premium Electric Vehicles	RAV.KPH35.197283	premium electric vehicles		✓

## TECHNICAL DATA

	KPH35 RAV.KPH35.197245	KPH35M RAV.KPH35.197252	KPH35RM RAV.KPH35.197276	KPH35EVP RAV.KPH35.197283
Capacity	3500 kg	3500 kg	3500 kg	3500 kg
Max. lifting height	2007 mm	2007 mm	1979 mm	2020 mm
Lifting time	32 s	32 s	32 s	32 s
Min. pad height	101 mm	101 mm	83 mm	114 mm
Max. pad height	157 mm	157 mm	129 mm	170 mm
Column height	2735 mm	2735 mm	2735 mm	2735 mm
Drive-through width	2456 mm	2456 mm	2456 mm	2456 mm
Min. ceiling height	4250 mm	4250 mm	4250 mm	4250 mm
Arm layout	asymmetrical			
Min. front arm length	550 mm	550 mm	585 mm	668 mm
Max. front arm length	1105 mm	1105 mm	1195 mm	1143 mm
Min. rear arm length	876 mm	876 mm	585 mm	686 mm
Max. rear arm length	1473 mm	1473 mm	1195 mm	1474 mm
Driving power	1 x 2.6 kW	1 x 2.6 kW	1 x 2.6 kW	1 x 2.6 kW
Power supply	400 V   50 Hz   3 Ph	400 V   50 Hz   3 Ph	400 V   50 Hz   3 Ph	400 V   50 Hz   3 Ph
Width	3341 mm	3341 mm	3341 mm	3341 mm
Max. height	3940 - 4170 mm	3940 - 4170 mm	3940 - 4170 mm	3940 - 4170 mm



ELECTRO-HYDRAULIC DOUBLE SCISSOR LIFTS

# RAV500 SERIES

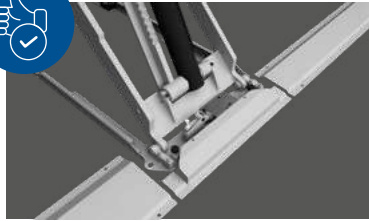
NEW

TON  
3.0

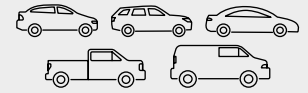
TON  
4.0



Mechanical safety device with automatic engagement and pneumatic disengagement, which prevents accidental lowering of the load, ensuring maximum safety during parking.



The hydraulic synchronization of the platform movements is independent of the load distribution, with a patented self-adjusting device.



TYPES OF VEHICLES



MECHANICAL WORKSHOP



Acoustic signaling during final lowering.



## RAV540

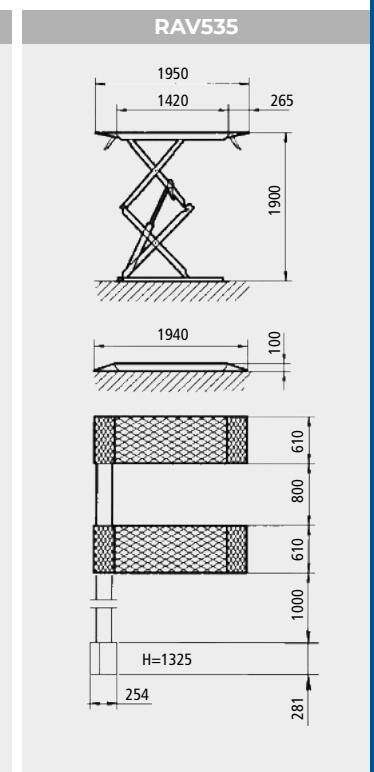
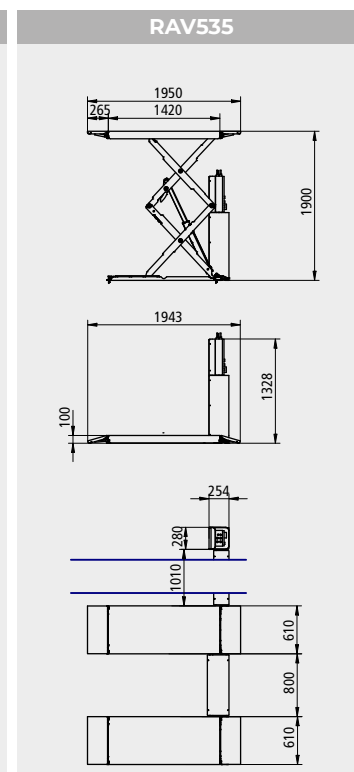
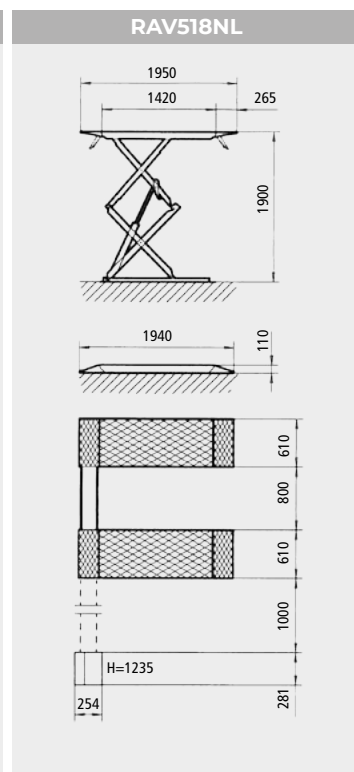
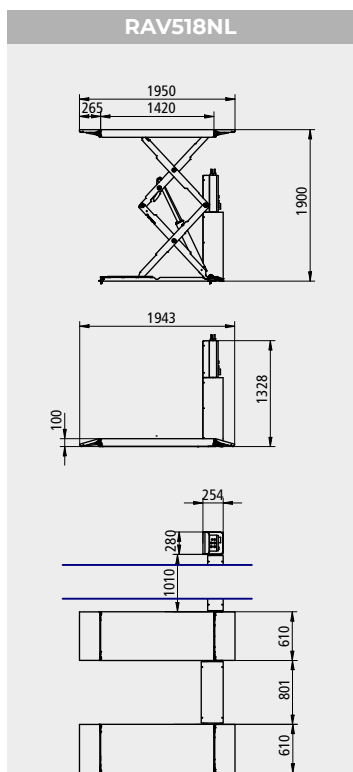
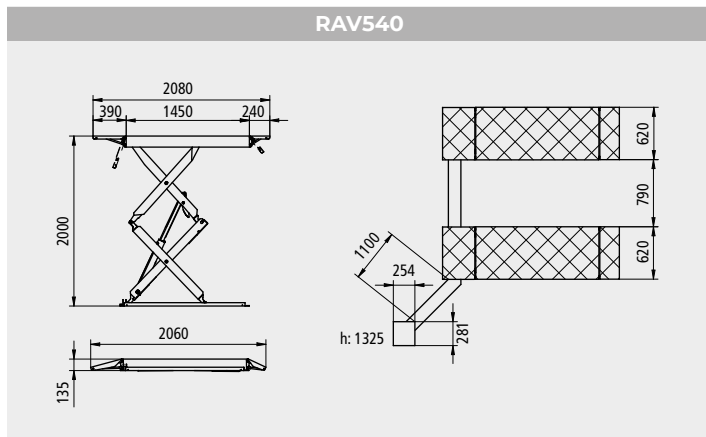
## RAV518NL & RAV535



Adjustable mechanical limit switches.

**TECHNICAL DATA**

	RAV540	RAV518NL	RAV518NL	RAV535	RAV535
	RAV.540XX.195234	RAV.518NL.196026	RAV.518NL.195937	RAV.535XX.196194	RAV.535XX.195678
Capacity	4000 kg	3000 kg	3000 kg	3500 kg	3500 kg
Min. height	135 mm	100 mm	110 mm	100 mm	100 mm
Max. lifting height at floor level	2000 mm	1900 mm	1900 mm	1900 mm	1900 mm
Lifting time	46 s	32 s	36 s	37 s	35 s
Lowering time	27 s	34 s	28 s	40 s	30 s
Length of platforms	2060 mm	1943 mm	1940 mm	1943 mm	1940 mm
Width of platforms	620 mm	610 mm	610 mm	610 mm	610 mm
Height of platforms	135 mm	100 mm	110 mm	100 mm	100 mm
Space of platforms	790 mm	800 mm	800 mm	800 mm	800 mm
Driving power	1 x 2.6 Kw	1 x 2.6 Kw	1x2.6 Kw	1 x 2.6 Kw	1x2.6 Kw
Power supply	230-400 V   50 Hz	230-400 V   50 Hz	230-400 V   50 Hz	230-400 V   50 Hz	230-400 V   50 Hz
Phases	3 Ph	3 Ph	3 Ph	3 Ph	3 Ph
Noise level	≤70 dB(A)	≤70 dB(A)	≤70 dB(A)	≤70 dB(A)	≤70 dB(A)
Length	2080 mm	1950 mm	1950 mm	1950 mm	1950 mm
Width	2030 mm	2020 mm	2020 mm	2020 mm	2020 mm
Height	2000 mm	1900 mm	1900 mm	1900 mm	1900 mm
Weight	850 kg	725 kg	725 kg	750 kg	750 kg

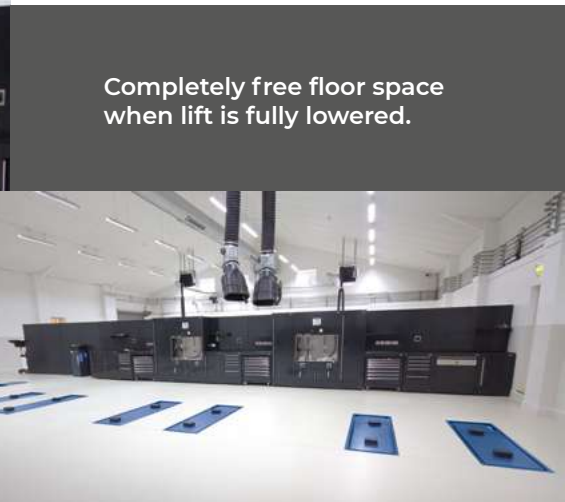
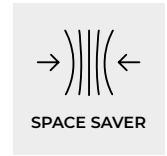
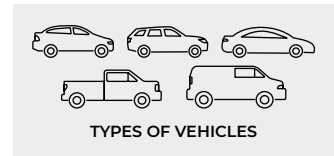


ELECTRO-HYDRAULIC DOUBLE SCISSOR LIFTS

# RAV508I & RAV510I



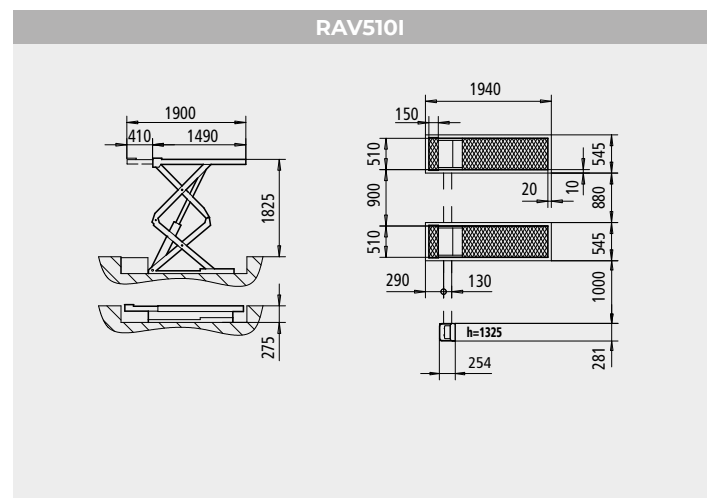
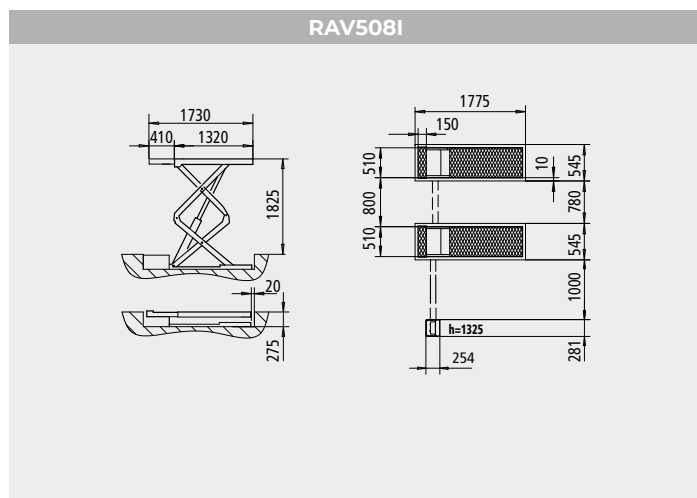
- Extensible platforms to reach pick up points of the more demanding vehicles.



Completely free floor space when lift is fully lowered.

TECHNICAL DATA

	RAV508I	RAV510I
	RAV.508IX.196170	RAV.510IX.196255
Capacity	3000 kg	3500 kg
Max. lifting height	1825 mm	1825 mm
Lifting time	38 s	41 s
Lowering time	36 s	41 s
Length of platforms	1730 mm	1900 mm
Width of platforms	510 mm	510 mm
Height of platforms	275 mm	275 mm
Space of platforms	800 mm	900 mm
Driving power	1 x 2.6 Kw	1 x 2.6 Kw
Power supply	230-400 V   50 Hz	230-400 V   50 Hz
Phases	3 Ph	3 Ph
Noise level	≤70 dB(A)	≤70 dB(A)
Length	1730 mm	1900 mm
Width	1920 mm	1920 mm
Height	2100 mm	2100 mm
Weight	805 kg	815 kg



ELECTRO-HYDRAULIC LOW-RISE SCISSOR LIFTS

# RAV1450 SERIES

- A mechanical levelling system assures constant levelling of the lifting platforms regardless of weight distribution.

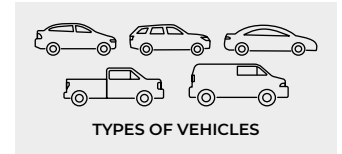


## RAV1450N

- Pedal release of safety locks.

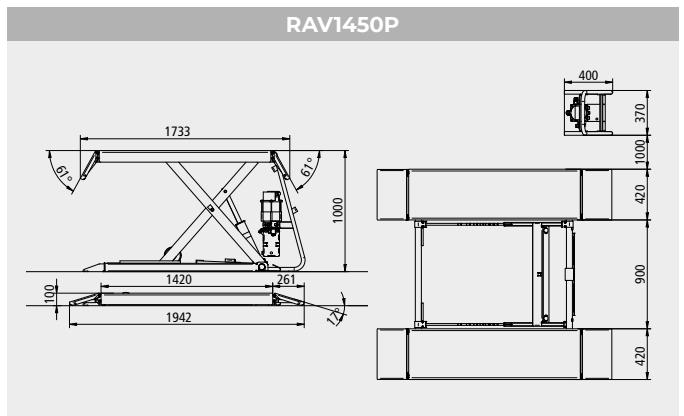
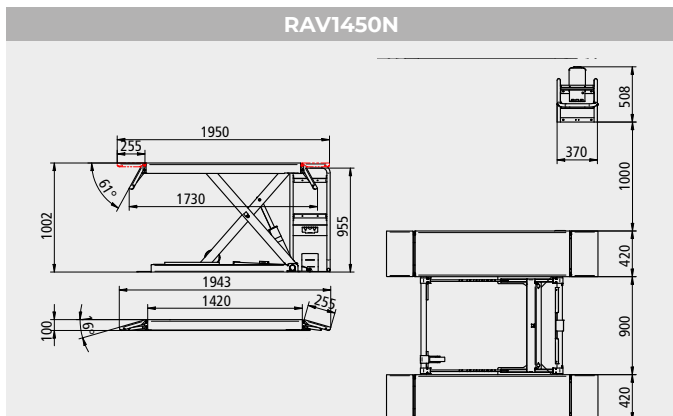
## RAV1450P

- Pneumatic release of safety locks.



TECHNICAL DATA

	RAV1450N	RAV1450P
	RAV.1450N.193315	RAV.1450P.193339
Capacity	3200 kg	3200 kg
Min. height	100 mm	100 mm
Max. lifting height	1000 mm	1000 mm
Max. lifting height at floor level	1000 mm	1000 mm
Lifting time	25 s	25 s
Lowering time	18 s	18 s
Length of platforms	1420 mm	1420 mm
Width of platforms	420 mm	420 mm
Driving power	2.6 Kw	2.6 Kw
Power supply	230-400 V   50 Hz	230-400 V   50 Hz
Phases	3 Ph	3 Ph
Air supply	8 bar	8 bar
Max. air supply	10 bar	10 bar
Noise level	≤70 dB(A)	≤70 dB(A)
Length	1950 mm	1733 mm
Width	1740 mm	1740 mm
Weight	405 kg	405 kg



## ELECTRO-HYDRAULIC SCISSOR LIFTS

# 600N SERIES



- Standard parking function.
- Platforms for total wheel alignment with front housing for turn tables and rear side slip plates.



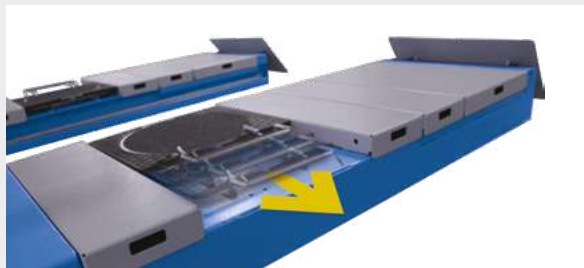
- The hydraulic synchronisation of the platform movements is independent of the load distribution, and is guaranteed by a patented hydraulic synchronisation device.



TYPES OF VEHICLES



MECHANICAL WORKSHOP



Open flush mounting for turntables. Edge-free platforms that allow the turntables to be positioned over the entire surface of the platform width. Ideal when working on vehicles with narrow track.



Optimal sliding of jacking beam. Pre-installed galvanised guide on the inner side of the platform, which allows fast and smooth sliding of the jacking beam.

# .1

## Lifts with flat platforms.

Lifts with big platforms, up to 5.5 m. length, structured and designed for maximum stability also when loaded with large vehicles.

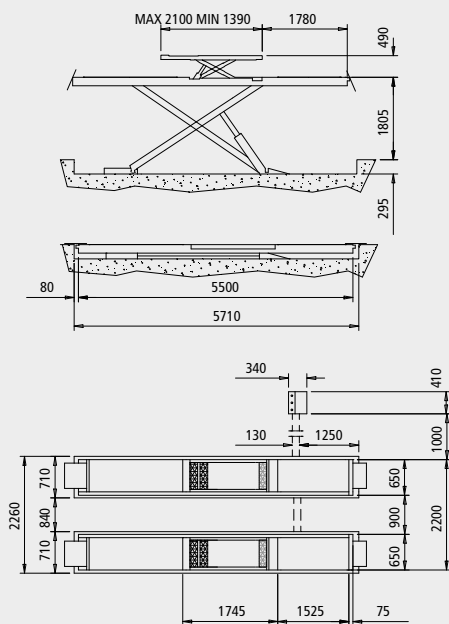
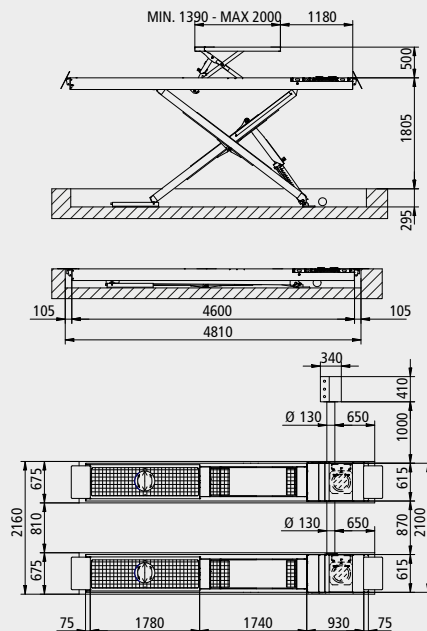
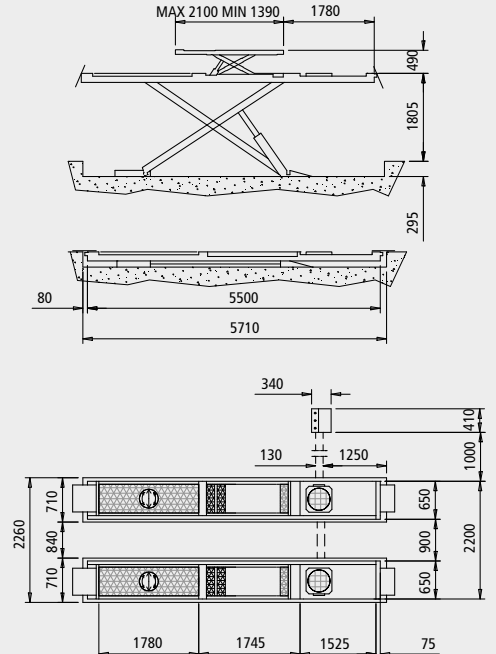
# .2

## Wheel alignment lifts.

Platforms for total wheel alignment with front housing for turn tables and rear side slip plates.

**TECHNICAL DATA**

	<b>RAV650N.1.55ISI</b>	<b>RAV640N.2ISI</b>	<b>RAV.650N.2.55ISI</b>
	<b>RAV.650N1.193742</b>	<b>RAV.640N2.193469</b>	<b>RAV.650N2.193858</b>
Capacity	5000 kg	4200 kg	5000 kg
Max. lifting height	1805 mm	1805 mm	1805 mm
Lifting time	47s	40 s	47 s
Lowering time	40s	40 s	40 s
Surface coating	powder coated		
Length of platforms	5500 mm	4600 mm	5500 mm
Width of platforms	650 mm	615 mm	650 mm
Space of platforms	900 mm	870 mm	900 mm
Min. intake length wheel free lift	1390 mm	1390 mm	1390 mm
Max. intake length wheel free lift	2100 mm	2000 mm	2100 mm
Driving power	3,5 Kw	3.5 Kw	3.5 Kw
Power supply	230/400 V   50 Hz	230-400 V   50 Hz	230-400 V   50 Hz
Phases	3 Ph	3 Ph	3 Ph
Air supply	6 bar	6 bar	6 bar
Max. air supply	10 bar	10 bar	10 bar
Length	5500 mm	4600 mm	5500 mm
Width	2200 mm	2100 mm	2200 mm
Weight	1930 kg	1805 mm	2160 mm
Installation depth	295 mm	295 mm	295 mm

**RAV650N.1.55ISI**

**RAV640N.2ISI**

**RAV.650N.2.55ISI**


ELECTRO-HYDRAULIC 4-POST LIFTS

# 4000 SERIES

- The hydraulic cylinder is located inside the fixed platform and is thus perfectly protected.
- Large-diameter pulleys with self-lubricating and maintenance-free bushes.
- Automatic mechanical back-up safety devices (every 100 mm) with pneumatic release allowing stationary operation with unladen cables.
- Immediate-triggering safety stud devices in case a cable slackens or fails.
- Automatic anti-toe trap alarm during final stages of lift descent.
- Mechanical, electrical and hydraulic safety devices in compliance with the prevailing standard for CE marking.



TYPES OF VEHICLES



## Versions with flat platforms.

RAV4350 / RAV4401 / RAV4501L / RAV4800

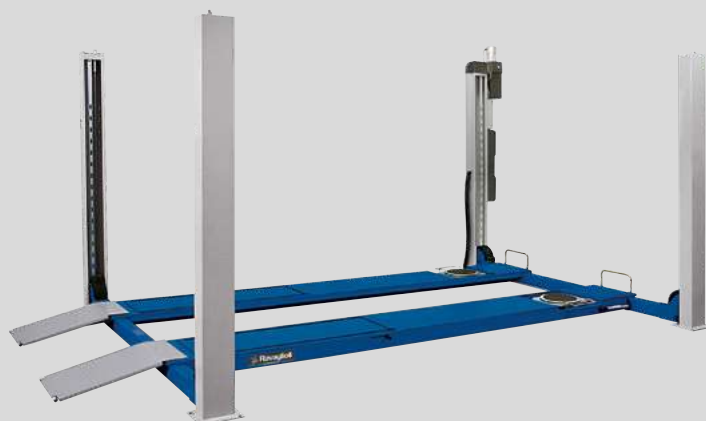


## Wheel alignment versions.

RAV4402



- Low-friction rear slip plates.
- The lift can be manually locked in the central position.
- Transverse and angular movements in both directions.



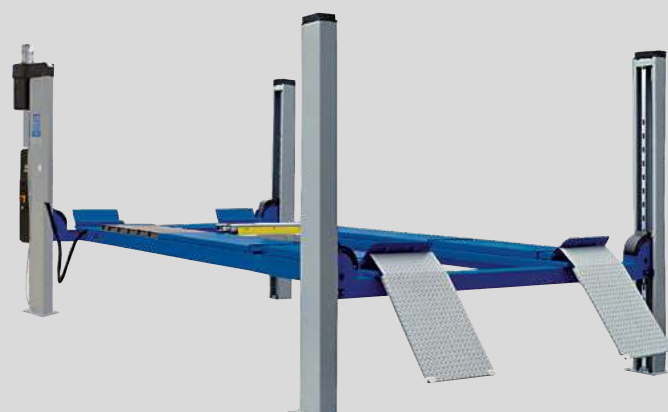
## Versions with wheel free lift for wheel alignment.

RAV4402SI / RAV4406LSI / RAV4502LSI



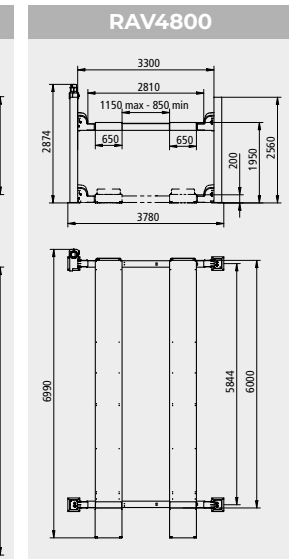
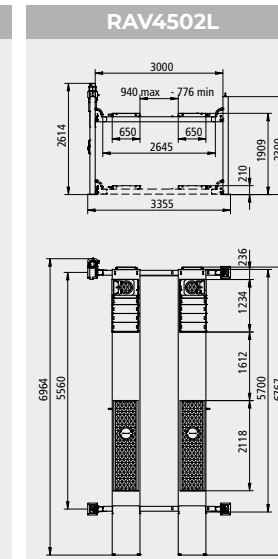
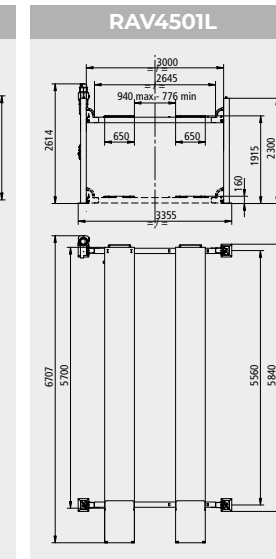
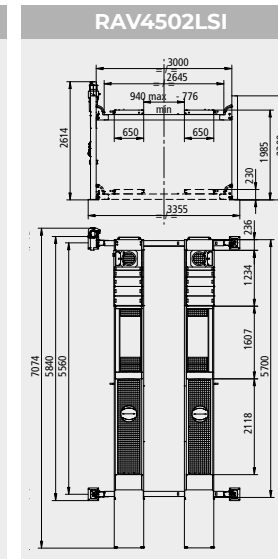
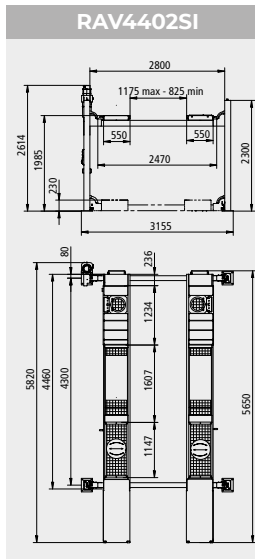
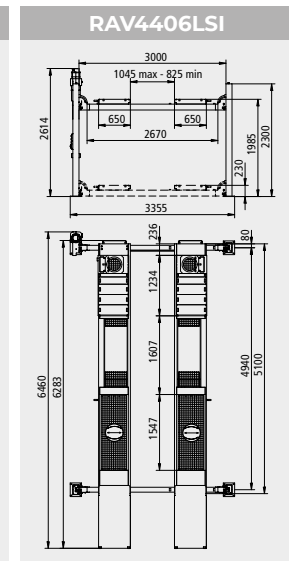
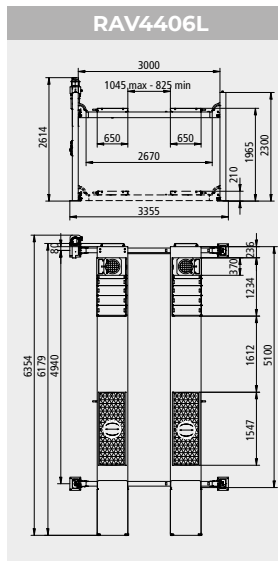
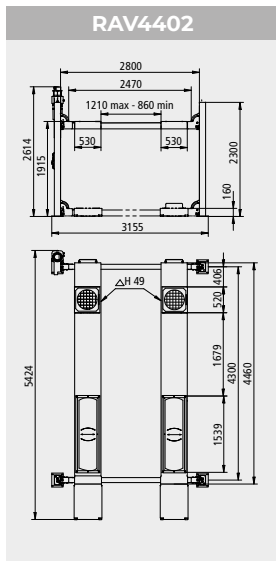
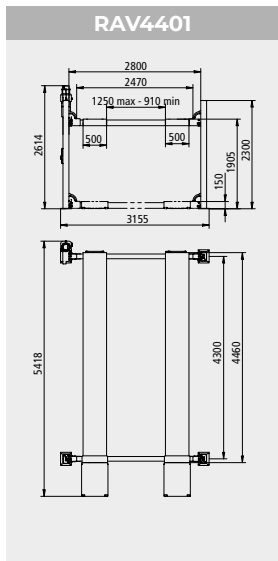
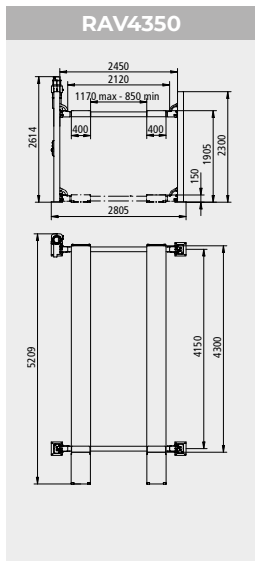
RAV4406L / RAV4502L

Extra-long platforms for total wheel alignment with front turning plates locations and rear slip plates.



**TECHNICAL DATA**

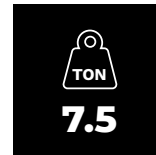
	RAV4350	RAV4401	RAV4402	RAV4406L	RAV4406LSI	RAV4402SI	RAV4502LSI	RAV4501L	RAV4502L	RAV4800
	RAV. 4350X.194022	RAV. 4401X.194138	RAV. 4402X.194350	RAV. 4406L.194992	RAV. 4406L.194886	RAV. 4402S.194794	RAV. 4502L.194640	RAV. 4501L.194251	RAV. 4502L.194206	RAV. 4800X.194381
Capacity	3500 kg	4000 kg	4000 kg	4000 kg	4000 kg	4000 kg	5000 kg	5000 kg	5000 kg	8000 kg
Max. lifting height	1905 mm	1905 mm	1915 mm	1965 mm	1965 mm	1915 mm	1965 mm	1915 mm	1965 mm	1950 mm
Lifting time	30 s	35 s	35 s	43 s	30 s	30 s	43 s	43 s	43 s	75 s
Drive-on-height	150 mm	150 mm	160 mm	210 mm	230 mm	230 mm	230 mm	160 mm	210 mm	200 mm
Clear span between	2450 mm	2800 mm	2800 mm	3000 mm	3000 mm	2800 mm	3000 mm	3000 mm	3000 mm	3300 mm
Clear span between (out)	2805 mm	3155 mm	3155 mm	3355 mm	3355 mm	3155 mm	3355 mm	3355 mm	3355 mm	3780 mm
Column height	2614 mm	2614 mm	2614 mm	2300 mm	2300 mm	2614 mm	2300 mm	2614 mm	2300 mm	2874 mm
Drive-through width	2120 mm	2470 mm	2470 mm	2670 mm	2670 mm	2470 mm	2645 mm	2645 mm	2645 mm	2810 mm
Length of platforms	4300 mm	4460 mm	4460 mm	5100 mm	5100 mm	4460 mm	5700 mm	5700 mm	5700 mm	6000 mm
Width of platforms	400 mm	500 mm	530 mm	650 mm	650 mm	550 mm	650 mm	650 mm	650 mm	650 mm
Space of platforms	850 - 1170 mm	910 - 1250 mm	860 - 1210 mm	825-1045 mm	845-1045 mm	860 - 1210 mm	940 - 776 mm	940 - 776 mm	940 - 776 mm	850 - 1150 mm
Set-up length with drive-on ramps	5209 mm	5418 mm	5416 mm	6354 mm	6460 mm	5820 mm	7074 mm	6707 mm	6767 mm	6990 mm
Driving power	1 x 2.6 Kw	1 x 2.6 Kw	1 x 2.6 Kw	1 x 2.6 Kw	1 x 2.6 Kw	1 x 2.6 Kw	1 x 2.6 Kw	1 x 2.6 Kw	1 x 2.6 Kw	1 x 2.6 Kw
Power supply	400-230 V   50 Hz   3 Ph									
Weight	700 kg	850 kg	850 kg	1275 kg	1615 kg	1110 kg	1700 kg	1035 kg	1375 kg	1390 kg



ELECTRO-HYDRAULIC MOBILE COLUMN LIFTS

# ALPHA SERIES

NEW



TYPES OF VEHICLES



**Mechanical safety latch system** with reduced pitch and increased contact width for greater safety during lifting procedures and to improve parking functions.

**Hydraulic trolley** for improved column mobility during handling, engagement under the vehicle and parking.

Each column has **identifying numbering and a LED indicator** that shows column operation in real time.

All information on the column's state can be checked directly on the App.



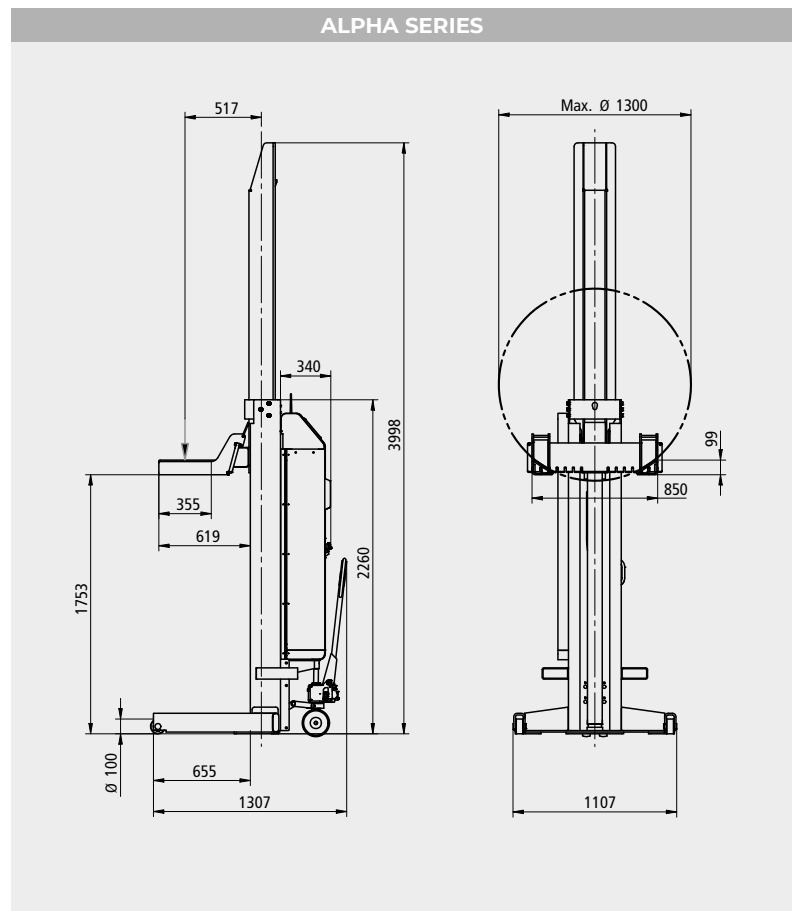
**TECHNICAL DATA**

	ALPHA 2-7.5	ALPHA 4-7.5	ALPHA 6-7.5	ALPHA 8-7.5
	RAV.MCH75.197757	RAV.MCH75.197726	RAV.MCH75.197733	RAV.MCH75.197740
Capacity	15000 kg	30000 kg	30000 kg	60000 kg
Lifting capacity per lifting unit	7500 kg	7500 kg	7500 kg	7500 kg
Communication of columns	wireless	wireless	wireless	wireless
Number of lifting units	2	4	6	8
Stroke	1753 mm	1753 mm	1753 mm	1753 mm
Lifting time loaded	65 s	65 s	65 s	65 s
Lowering time loaded	54 s	54 s	54 s	54 s
Lift cycles fully loaded	14	14	14	14
Min. wheel diameter	570 mm	570 mm	570 mm	570 mm
Max. wheel diameter	1300 mm	1300 mm	1300 mm	1300 mm
Driving power per cylinder unit	3 kW	3 kW	3 kW	3 kW
Weight per column	640 kg	640 kg	640 kg	640 kg
Surface coating	powder			
Power supply	230 V   50 - 60 Hz	230 V   50-60 Hz	230 V   50-60 Hz	230 V   50-60 Hz
Phases	1 Ph	1 Ph	1 Ph	1 Ph
Width	1107 mm	1107 mm	1107 mm	1107 mm
Depth	1307 mm	1307 mm	1307 mm	1307 mm
Height	2260 mm	2260 mm	2260 mm	2260 mm
Total weight	1280 kg	2560 kg	3840 kg	5120 kg



Adjustable forks to operate on light and heavy commercial vehicles with wheels of different dimensions.

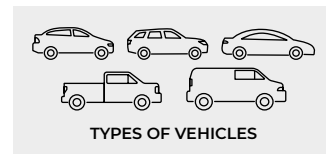
**App to set the lift and the layout of the columns.** The configuration system for columns by App ensures enhanced safety, speed and simplicity in operations.



## LIFTING TABLES

# KT SERIES

- Fixed mounting plate with 2 x 7 holes for secure mounting of various supports; or tilting depending on the model. The mounting holes arranged on both left- and right-hand side of the platform offer plenty of possibilities to mount mounting tools.
- Large castors and parking brakes ensure excellent mobility in the workshop.
- The hydraulically controlled lifting load stroke is activated by foot, using a double acting pump that ensures the lifting of any load quick and effortless.



The integrated lowering brake valve allows an exact dosing of the lowering speed.



### CONFIGURATIONS

	<b>KTE100</b>
Lifting height	1900 mm
Capacity	1 t
Tabletop	Rigid
Tabletop bores	2 rows each with 7 bores Ø 12
Drive	Hydraulically-operated foot pump
Handle	Fixed, foldable
Wheels	2 x 360° + 2 x fixed



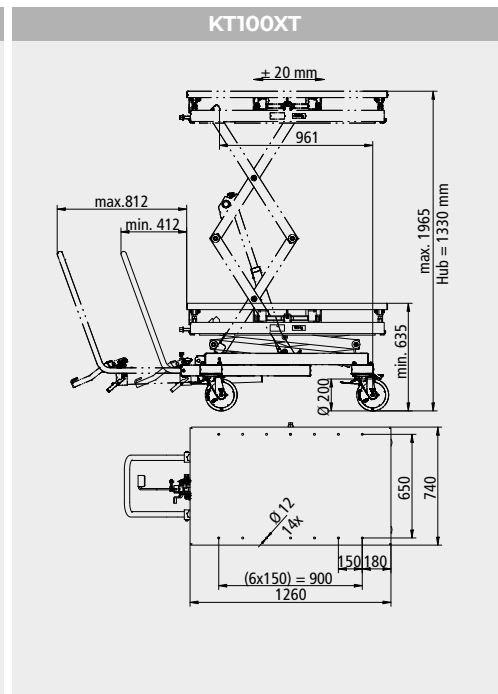
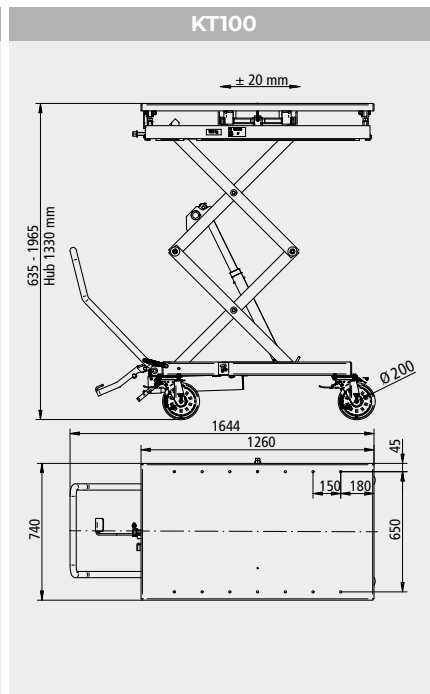
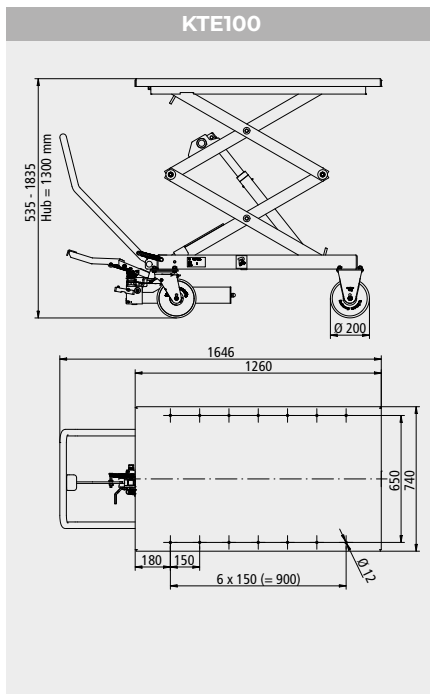
The shallow, slim design and the handle that can be moved vertically, make positioning underneath the vehicle very easy.

**TECHNICAL DATA**

	KTE100	KT100	KT100XT
Capacity	1000 kg	1000 kg	1000 kg
Stroke	1300 mm	1330 mm	1330 mm
Max. lifting height	1835 mm	1965 mm	1965 mm
Max. lifting length	1260 mm	1260 mm	1260 mm
Max. width	740 mm	740 mm	740 mm
Min. height	535 mm	635 mm	635 mm
Surface coating	powder coated		
Corrosion preventing	Ultra High Solid Primer (UHS)		
Length	1646 mm	1644 mm	1672 - 2072 mm
Width	740 mm	740 mm	740 mm
Weight	230 kg	230 kg	310 kg







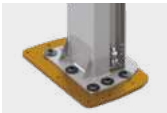




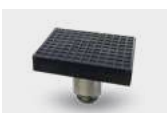




KT100	KT100XT
1900 mm	1965 mm
1 t	1 t
It can be inclined 2° perpendicular to the direction of travel can be moved 20 mm longitudinally and transversely	It can be inclined 2° perpendicular to the direction of travel can be moved 20 mm longitudinally and transversely
2 rows each with 7 bores Ø 12	2 rows each with 7 bores Ø 12
Hydraulically-operated foot pump	Hydraulically-operated foot pump
Fixed, foldable	Extendable
4 x 360° (2 straight lockable)	4 x 360° (2 straight lockable)



# ACCESSORIES

## 2-POST LIFTS














			RAV. KPX32.198570	RAV. KPX32.198624	RAV. KPE32.198662	RAV. KPE32.198679	RAV. KPC32.198709	RAV. KPS32.198532	RAV. KPX35.990105
	VSG.2CELM.902344	Kit for increasing overhead cable crossing height. Up to + 1.5 m.	X	X	X	X			X
	VSG.2CALL.902276	Flip-up pads for lifts with capacity 2.7 t - 3.2 t.	X	X					
	VSG.2CELM.901927	Eyebolt for handling columns.	X	X	X	X	X	X	X
	VSG.2CALL.901378	Kit containing outrigger plates. Minimum thickness up to 120 mm.	X	X					X
	VSG.2CELM.902498	Inground cable connection kit.			X	X			
	VSG.2CALL.901361	Kit containing outrigger plates. Minimum thickness up to 120 mm.			X	X			
	VSG.2CALL.901156	Kit containing outrigger plates. Minimum thickness up to 120 mm.					X		
	VSG.2CALL.901453	Kit containing outrigger plates. Minimum thickness up to 120 mm.							
	VSG.2CELM.902894	Eyebolt for handling columns.							
	VSG.2CALL.902412	Kit containing outrigger plates. Minimum thickness up to 120 mm.							
	VSG.2CALL.902641	Magnetic tray. 1 set with 2 trays.	X	X	X	X	X	X	X
	VSG.2CALL.901538	Kit containing pads for TESLA vehicles. 1 set with 4 pads.	X	X	X	X		X	X
	VSG.2CALL.902023	Kit containing pads for Fiat 500E, 500 ABARTH. 1 set with 4 pads.	X	X	X	X			X
	VSG.2CALL.902146	Kit containing pads for MEB platform. 1 set with 4 pads.	X	X	X	X			X

**2-POST LIFTS**

RAV. KPX35.993939	RAV. KPX35.199157	RAV. KPX40.982049	RAV. KPX40.198235	RAV. KPX42.984401	RAV. KPX42.982599	RAV. KPX55.198945	RAV. KPX55.198976	RAV. KPH35.197245	RAV. KPH35.197252	RAV. KPH35.197283	RAV. KPH35.197276
	<b>X</b>	<b>X</b>	<b>X</b>	<b>X</b>	<b>X</b>						
<b>X</b>	<b>X</b>	<b>X</b>	<b>X</b>	<b>X</b>	<b>X</b>						
<b>X</b>	<b>X</b>										
		<b>X</b>	<b>X</b>	<b>X</b>	<b>X</b>	<b>X</b>	<b>X</b>				
		<b>X</b>	<b>X</b>	<b>X</b>	<b>X</b>						
						<b>X</b>	<b>X</b>				
						<b>X</b>	<b>X</b>				
<b>X</b>	<b>X</b>	<b>X</b>	<b>X</b>	<b>X</b>	<b>X</b>	<b>X</b>	<b>X</b>	<b>X</b>	<b>X</b>	<b>X</b>	<b>X</b>
	<b>X</b>	<b>X</b>	<b>X</b>	<b>X</b>	<b>X</b>	<b>X</b>	<b>X</b>	<b>X</b>	<b>X</b>	<b>X</b>	<b>X</b>
<b>X</b>	<b>X</b>	<b>X</b>	<b>X</b>	<b>X</b>	<b>X</b>			<b>X</b>	<b>X</b>	<b>X</b>	<b>X</b>
<b>X</b>	<b>X</b>	<b>X</b>	<b>X</b>	<b>X</b>	<b>X</b>			<b>X</b>	<b>X</b>	<b>X</b>	<b>X</b>

# ACCESSORIES

## 2-POST LIFTS

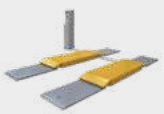






			RAV. KPX32.198570	RAV. KPX32.198624	RAV. KPE32.198662	RAV. KPE32.198679	RAV. KPC32.198709	RAV. KPS32.198532	RAV. KPX35.990105
	VSG.2CALL.901330	Kit containing U-shaped pads. 1 set with 4 pads.	X	X	X	X		X	X
	VSG.2CALL.901859	Holding sets G Class.	X	X	X	X		X	X
	VSG.2CALL.901606	Supports designed for Fiat Ducato, Peugeot Boxer and Citroën Jumper (4 pieces).	X	X					X
	VSG.2CALL.901712	Holding sets adjustable Mercedes Sprinter / VW Crafter. (Pair of rod-shaped supports and pair of V-shaped supports)	X	X	X	X			X
	VSG.2CALL.901163	Kit containing frame adapters. 1 set with 2 pieces, Ø 120 mm.	X	X	X	X		X	X
	FJ6199	Kit containing 8 spacers for pads. 4 spacers x H 89 mm + 4 spacers x H 127 mm, 2 spacer support brackets.	X	X				X	X
	VSG.2CALL.901248	Kit containing 4 spacers for pads. 4 spacers x H 200 mm, 2 spacer support brackets.	X	X				X	X
	VSG.2CALL.902818	Vehicles lift platforms kit. 1 set with 4 ramps, ramp height 60 mm.	X	X	X	X	X	X	X
	VSG.2CALL.902085	Kit of stands for alignment. 1 set with 4 stands.	X	X	X	X	X	X	X
	VSG.2CALL.902511	Holder for impact wrench.	X	X	X	X	X	X	X
	VSG.2CALL.901545	Nuts wear check-tool						X	
	VSG.2CALL.902429	Tension belt gauge	X	X	X	X	X	X	X
	FJ6216C	Support plate with rubber pad. Ø 80 mm							

**2-POST LIFTS**

RAV. KPX35.993939	RAV. KPX35.199157	RAV. KPX40.982049	RAV. KPX40.198235	RAV. KPX42.984401	RAV. KPX42.982599	RAV. KPX55.198945	RAV. KPX55.198976	RAV. KPH35.197245	RAV. KPH35.197252	RAV. KPH35.197283	RAV. KPH35.197276
X	X	X	X	X	X	X	X	X	X	X	X
	X	X	X	X	X			X	X	X	X
X	X	X	X	X	X	X		X	X	X	X
	X	X	X	X	X	X		X	X	X	X
X	X	X	X	X	X	X	X	X	X	X	X
X	X	X	X	X	X	X	X	X	X	X	X
X	X	X	X	X	X	X	X				
X	X	X	X	X	X	X	X	X	X	X	X
X	X	X	X	X	X	X	X	X	X	X	X
X		X	X	X	X						
X	X	X		X	X	X					
								X	X	X	X

# ACCESSORIES

## 4-POST LIFTS | SCISSOR LIFTS

			4-POST LIFTS								
			RAV. 4401X.194138	RAV. 4402X.194350	RAV. 4350X.194022	RAV. 4406L.194992	RAV. 4800X.194381	RAV. 4406L.194886	RAV. 4502L.194640	RAV. 4402S.194794	RAV. 4501L.194251
	S518A20	Pipe cover for surface installation - length 1 meter.									
	S540A1	Kit with additional run up ramps for low ground clearance vehicles.									
	S518A21	Recessed installation kit.									
	S535A1	Recessed installation kit.									
	S540A2	Recessed installation kit.									
	S4351A1	Front ramps.	<b>X</b>	<b>X</b>							
	S4351A2	Long run-up ramps. L= 1100 mm	<b>X</b>	<b>X</b>							
	S4400A10	Lighting kit with led.	<b>X</b>	<b>X</b>	<b>X</b>	<b>X</b>	<b>X</b>	<b>X</b>	<b>X</b>	<b>X</b>	<b>X</b>
	S401A8	Post covers.	<b>X</b>	<b>X</b>	<b>X</b>	<b>X</b>		<b>X</b>	<b>X</b>	<b>X</b>	<b>X</b>
	STDA140	Seat for turning plates (plates and slip plates excluded).	<b>X</b>		<b>X</b>		<b>X</b>				<b>X</b>
	S4402A1	Spacers for turn table housing. Set of 2 pieces.		<b>X</b>							
	S4300A2	Long run-up ramps. L= 1000 mm			<b>X</b>						
	S4406LA3	Front ramps.				<b>X</b>					
	S4406LA4	Long run-up ramps. L= 1500 mm				<b>X</b>					
	S4502LA1	Spacers for turn table housing. Set of 2 pieces.				<b>X</b>		<b>X</b>	<b>X</b>		
	S4502LSIA1	Front ramps.						<b>X</b>	<b>X</b>		
	S4502LSIA2	Long run-up ramps. L= 1500 mm						<b>X</b>	<b>X</b>	<b>X</b>	

SCISSOR LIFTS

RAV. 4502L.194206	RAV. 1450N.193315	RAV. 1450P.193339	RAV. 540XX.195234	RAV. 508IX.196170	RAV. 510IX.196255	RAV. 518NL.196026	RAV. 518NL.195937	RAV. 535XX.196194	RAV. 535XX.195678	RAV. 650N2.193858	RAV. 640N2.193469	RAV. 650N1.193742
			X			X	X	X	X			
			X									
						X	X					
								X	X			
			X									
X												
X												
X												
X												
X												
X												






SCISSOR LIFTS

RAV. 4502L.194206	RAV. 1450N.193315	RAV. 1450P.193339	RAV. 540XX.195234	RAV. 508IX.196170	RAV. 510IX.196255	RAV. 518NL.196026	RAV. 518NL.195937	RAV. 535XX.196194	RAV. 535XX.195678	RAV. 650N2.193858	RAV. 640N2.193469	RAV. 650N1.193742
			X	X	X	X	X	X	X	X		X
	X	X	X	X	X	X	X					X
										X		X
										X		X
										X		X
	X	X	X	X	X	X	X	X	X	X		X
	X	X	X	X	X	X	X	X	X	X		X
	X	X	X	X	X	X	X	X	X	X		X
	X	X	X	X	X	X	X	X	X	X		X
											X	
			X									
	X	X										

# ACCESSORIES











## MOBILE COLUMN LIFTS | LIFTING TABLES

			MOBILE COLUMN LIFTS		
			RAV.MCH75.197726	RAV.MCH75.197733	RAV.MCH75.197740
	KT100A1	Engine support for KT100 (Mercedes).			
	103802	Aggregate plate with supporting arms. Rated load capacity: 200 kg; Peg diameter: 35 mm; Length: 410 - 1110 mm; Depth: 460 - 1160 mm.			
	107856	Aggregate support. Weight: 20 kg; Max. load capacity: 800 kg.			
	103544	Universal support. Ø 35 mm Fitted with a bushing, a mounting hole Ø 35 mm.			
	VSG.MCHYD.903051	Mobile control device.	X	X	X
	M75-JCYB-KIT	Wheel fork extension for lifting motorhomes, 150 mm, load capacity reduced to 4 t.	X	X	X
	M140124BG	Drive-on ramp kit for forklift trucks, accessible from one side.	X	X	X
	M140127BG	Drive-on ramp kit for forklift trucks, accessible from both sides.	X	X	X
	M140153BG	Drive-on ramp kit for three-wheel forklift, accessible from one side.	X	X	X
	M110175BG	Trolley for drive-on kit for forklift trucks.	X	X	X

	LIFTING TABLES		
RAV.MCH75.197757	KTE100	KT100	KT100XT
	X	X	X
	X	X	X
	X	X	X
	X	X	X
X			
X			
X			
X			
X			
X			

# ACCESSORIES

## MOBILE COLUMN LIFTS

			RAV.MCH75.197726
	<b>S260A1</b>	Axle stands. Capacity 7500 kg H=1330/2030 mm.	<b>X</b>
	<b>S270A1</b>	Axle stands. Capacity 10000 kg H=1235/2040 mm.	<b>X</b>
	<b>S270A2</b>	Axle stands. Capacity 10000 kg H=1235/2040 mm spring loaded wheels.	<b>X</b>
	<b>21653</b>	Tablet.	<b>X</b>
	<b>119777</b>	Traverse load capacity 16.4 t.	<b>X</b>
	<b>120260</b>	Traverse king pin adapter, load. Capacity 16.4 t.	<b>X</b>
	<b>122911</b>	Front and rear adapters for lifting various tractors and agricultural vehicles, load capacity 16.4 t.	<b>X</b>
	<b>127615</b>	Trolley for the tractor adapter set.	<b>X</b>
	<b>VSG.MCHYD.903082</b>	Rainproof protective cover for 6.5 - 7.5t hydraulic mobile columns.	<b>X</b>
	<b>VSG.MCHYD.903075</b>	LED Lighting kit.	<b>X</b>

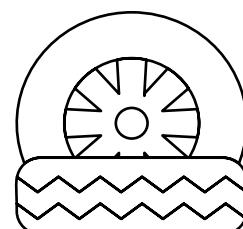
**MOBILE COLUMN LIFTS**

RAV.MCH75.197733	RAV.MCH75.197740	RAV.MCH75.197757
X	X	X
X	X	X
X	X	X
X	X	X
X	X	X
X	X	X
X	X	X
X	X	X
X	X	X
X	X	X





# WHEEL SERVICE



SEMI-AUTOMATIC TYRE CHANGERS

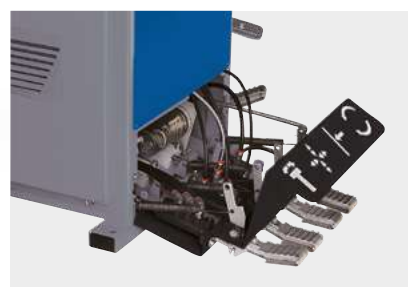
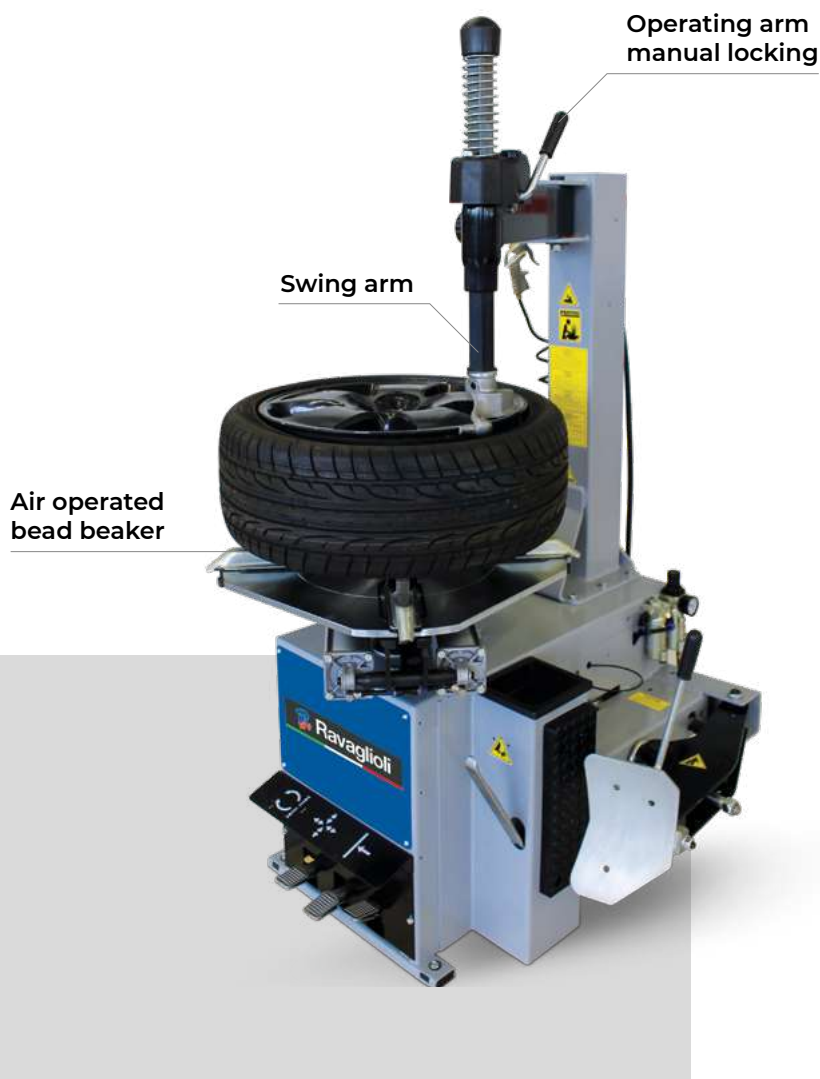
# G5140.22M



TYPES OF VEHICLES



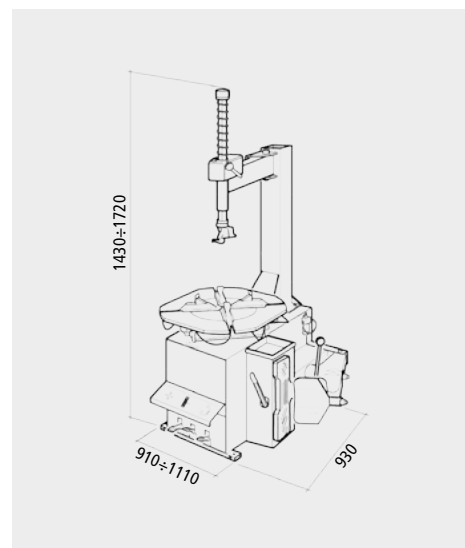
MECHANICAL WORKSHOP



Extractable pedal unit.

TECHNICAL DATA

	<b>G5140.22M</b>
	<b>RAV.G5140.206190</b>
Min. clamping capacity	10"
Max. clamping capacity	24"
Max. rim width	17"
Max. wheel diameter	1000 mm
Bead breaker force	12
Rotation speed	7 / 14 rpm
Max. torque	1200 Nm
Driving power	0.75
Power supply	230 V   50 Hz
Phases	1 Ph
Air supply	8 bar
Max. air supply	10 bar
Width	1110 mm
Depth	930 mm
Height	1720 mm
Weight	213 kg



AUTOMATIC TYRE CHANGERS

# G5440.22 SERIES

- Operating arm with pneumatic locking.
- Air operated bead breaker.



Tubeless bead-seater



Tilting vertical arm.



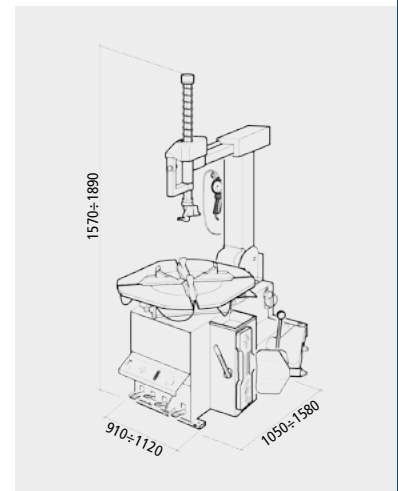
TYPES OF VEHICLES



MECHANICAL WORKSHOP

CONFIGURATIONS

		Power supply	Complete with
G5440.22	RAV.G5440.206152	380 V   50 Hz   3 Ph	- Tyre inflator.
G5440V.22G	RAV.G5440.206145	380 V   50 Hz   3 Ph	- Double speed electric motor. - Tyre inflator.
G5440.22M	RAV.G5440.206169	230 V   50 Hz   1 Ph	- Tyre inflator.
G5440I.22M	RAV.G5440.206176	230 V   50 Hz   1 Ph	- Tubeless bead-seater and pedal operated inflator.



TECHNICAL DATA

	G5440V.22G RAV.G5440.206145	G5440.22 RAV.G5440.206152	G5440.22M RAV.G5440.206169	G5440I.22M RAV.G5440.206176
Min. clamping capacity	10"	10"	10"	10"
Max. clamping capacity	24"	24"	24"	24"
Max. rim width	13"	13"	13"	13"
Max. wheel diameter	1000 mm	1000 mm	1000 mm	1000 mm
Bead breaker force	12 kN	12 kN	12 kN	12 kN
Rotation speed	7 / 14 rpm	7 / 14 rpm	7 / 14 rpm	7 / 14 rpm
Max. torque	1200 Nm	1200 Nm	1200 Nm	1200 Nm
Driving power	0.8 / 1.1 kW	0.55 kW	0.75 kW	0.75 kW
Power supply	380 V   50 Hz	380 V   50 Hz	230 V   50 Hz	230 V   50 Hz
Phases	3 Ph	3 Ph	1 Ph	1 Ph
Air supply	8 bar	8 bar	8 bar	8 bar
Max. air supply	10 bar	10 bar	10 bar	10 bar
Width	1120 mm	1120 mm	1120 mm	1120 mm
Depth	1580 mm	1580 mm	1580 mm	1580 mm
Height	1890 mm	1890 mm	1890 mm	1890 mm
Weight	233 kg	233 kg	233 kg	233 kg

## AUTOMATIC TYRE CHANGERS

# G7441 SERIES



Tool locking with automatic setting of appropriate distance from the rim.

Adjustable guide of the tool arm.



PLUS83H/D



TYPES OF VEHICLES



MECHANICAL WORKSHOP

### CONFIGURATIONS

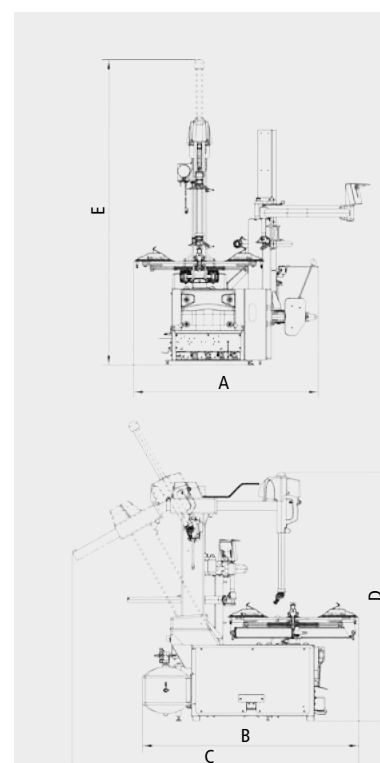
		Complete with
G7441.22	RAV.G7441.200969	- Inflating kit (air gun + pressure reducer valve).
G7441V.22	RAV.G7441.201119	- Double speed electric motor. - Pedal inflation with manometer and balancing valve.
G7441V.22PLUS	RAV.G7441.200921	- Double speed electric motor. - Tool tray. - Pedal inflation with manometer and balancing valve. - Helper arm pneumatic with rotating arm and WDK bead pressing device (PLUS83H/D).



Jointed and shaped blade to facilitate bead breaking without damaging the rim or tyre. Double acting light alloy bead breaker.

### TECHNICAL DATA

	G7441V.22PLUS RAV.G7441.200921	G7441V.22 RAV.G7441.201119	G7441.22 RAV.G7441.200969
Mounting head design	with tyre lever		
Mounting arm design	moveable		
Mounting column design	tiltable		
Clamping device design	clamping plate		
Min. clamping capacity	10"	10"	10"
Max. clamping capacity	24.5"	24.5"	24.5"
Min. inner clamping range	12"	12"	12"
Max. inner clamping range	24.5"	24.5"	24.5"
Min. outer clamping range	10"	10"	10"
Max. outer clamping range	22"	22"	22"
Max. rim width	14"	14"	14"
Max. wheel width	359 mm	359 mm	359 mm
Max. wheel diameter	1050 mm	1050 mm	1050 mm
Min. working range of the mounting head	8"	8"	8"
Max. working range of the mounting head	24"	24"	24"
Bead breaker force	10.7 kN	10.7 kN	10.7 kN
Number of mounting speeds	2	2	1
Rotation speed	6.5/13 rpm	6.5/13 rpm	7.3 rpm
Max. torque	1200 Nm	1200 Nm	1200 Nm
Power inverter motor	1.5 kW	1.5 kW	1.5 kW
Driving power	0.8/1.1 kW	0.8/1.1 kW	0.75 kW
Power supply	400 V   50 Hz	400 V   50 Hz	400 V   50 - 60 Hz
Phases	3 Ph	3 Ph	3 Ph
Fuse protection	16 A	16 A	16 A
Air supply	8 bar	8 bar	8 bar
Max. air supply	10 bar	10 bar	10 bar
Width	1050 mm	1050 mm	1050 mm
Depth	1830 mm	1830 mm	1830 mm
Height	1850 mm	1850 mm	1850 mm
Weight	244 kg	214 kg	214 kg

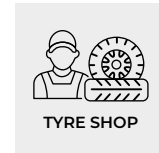
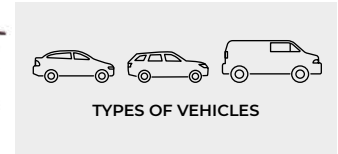


**AUTOMATIC TYRE CHANGERS**

# G7641 SERIES

- The extra height of the vertical post and tool shaft allow operation on tyres up to 15" (381 mm) width.
- Chucking table with double adjustable clamp position (10" – 24").

Adjustable guide of the tool arm.

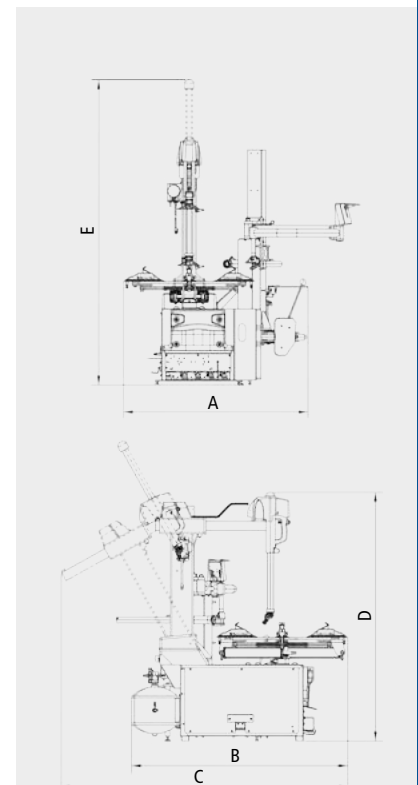


**CONFIGURATIONS**

		Power supply	Complete with
G7641V.22	RAV.G7641.201010	400 V   50 Hz   3 Ph	- Double speed electric motor.
G7641D.24	RAV.G7641.200945	200-240 V   50-60 Hz   1 Ph	- Electric motor with continuous speed control.
G7641D.24PLUS	RAV.G7641.200907	200-240 V   50-60 Hz   1 Ph	- Electric motor with continuous speed control. - Tool tray. - Helper arm pneumatic with rotating arm and WDK bead pressing device (PLUS83H/D).

**TECHNICAL DATA**

	G7641V.22	G7641D.24	G7641D.24PLUS
	RAV.G7641.201010	RAV.G7641.200945	RAV.G7641.200907
Mounting head design	with tyre lever		
Mounting arm design	moveable		
Mounting column design	tiltable		
Clamping device design	clamping plate		
Min. clamping capacity	10"	10"	10"
Max. clamping capacity	24.5"	26.5"	26.5"
Min. inner clamping range	12"	12"	12"
Max. inner clamping range	24.5"	26.5"	26.5"
Min. outer clamping range	10"	10"	10"
Max. outer clamping range	22"	24"	24"
Max. rim width	15"	15"	15"
Tire type passenger car	Run-Flat		
Max. wheel width	381 mm	381 mm	381 mm
Max. wheel diameter	1092 mm	1092 mm	1092 mm
Min. working range of the mounting head	8"	8"	8"
Max. working range of the mounting head	24"	24"	24"
Bead breaker force	10.7 kN	10.7 kN	10.7 kN
Number of mounting speeds	2	1	1
Rotation speed	6.5 / 13 rpm	0 / 16 rpm	0 / 16 rpm
Max. torque	1200 Nm	1200 Nm	1200 Nm
Power inverter motor	1.5 kW	1.5 kW	1.5 kW
Driving power	0.8 / 1.1 kW	0.75 kW	0.75 kW
Power supply	400 V   50 Hz	200-240 V   50 - 60 Hz	200-240 V   50 - 60 Hz
Phases	3 Ph	1 Ph	1 Ph
Fuse protection	16 A	16 A	16 A
Air supply	8 bar	8 bar	8 bar
Max. air supply	10 bar	10 bar	10 bar
Width	1160 mm	1160 mm	1160 mm
Depth	1870 mm	1870 mm	1870 mm
Height	1920 mm	1920 mm	1920 mm
Weight	213 kg	238 kg	238 kg



## AUTOMATIC TYRE CHANGERS

# G7645 SERIES

- Chucking table with double adjustable clamp position (10" – 26").
- The bead breaker opening can be adjusted into two positions to work with extreme rapidity.



Tool locking with automatic setting of appropriate distance from the rim.



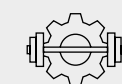
TYPES OF VEHICLES



TYRE SHOP



MECHANICAL WORKSHOP



STURDY FRAME



TOP PERFORMANCE

### CONFIGURATIONS

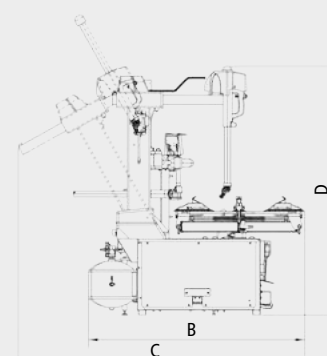
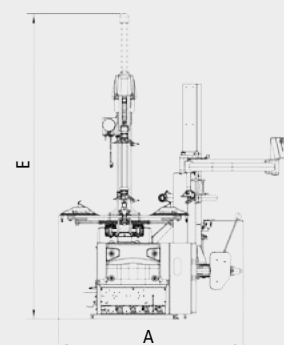
		Complete with
G7645D.26	RAV.G7645.201232	- Pedal inflation with manometer and balancing valve.
G7645ID.26	RAV.G7645.200914	- Pedal inflation with manometer and balancing valve. - Tubeless tyre inflator device.
G7645D.26PLUS	RAV.G7645.200990	- Pedal inflation with manometer and balancing valve. - Bead breaker adaptor with tilting adjustment. - Tool tray. - Helper arm pneumatic with rotating arm and WDK bead pressing device (PLUS83H/D).



Roller to facilitate arm movement during tool positioning.

### TECHNICAL DATA

	G7645D.26PLUS	G7645ID.26	G7645D.26
	RAV.G7645.200990	RAV.G7645.200914	RAV.G7645.201232
Mounting head design	with tyre lever		
Mounting arm design	moveable		
Mounting column design	tiltable		
Clamping device design	clamping plate		
Min. clamping capacity	10"	10"	10"
Max. clamping capacity	28.5"	28.5"	28.5"
Min. inner clamping range	12"	12"	10"
Max. inner clamping range	28.5"	28.5"	26"
Min. outer clamping range	10"	10"	12"
Max. outer clamping range	26"	26"	28.5"
Max. rim width	17"	17"	17"
Tire type passenger car	Run-Flat		
Max. wheel width	431	431	431
Max. wheel diameter	1143 mm	1143 mm	1143 mm
Min. working range of the mounting head	8"	8"	8"
Max. working range of the mounting head	32"	32"	32"
Bead breaker force	11.9 kN	11.9 kN	11.9 kN
Rotation speed	0 / 16 rpm	0 / 16 rpm	0 / 16 rpm
Max. torque	1200 Nm	1200 Nm	1200 Nm
Power inverter motor	1.5 kW	1.5 kW	1.5 kW
Driving power	0.75 kW	0.75 kW	0.75 kW
Power supply	200-240 V   50-60 Hz	200-240 V   50-60 Hz	200-240 V   50-60 Hz
Phases	1 Ph	1 Ph	1 Ph
Fuse protection	16 A	16 A	16 A
Air supply	8 bar	8 bar	8 bar
Max. air supply	10 bar	10 bar	10 bar
Width	1190 mm	1190 mm	1190 mm
Depth	1910 mm	1910 mm	1910 mm
Height	1980 mm	1980 mm	1980 mm
Weight	310 kg	290 kg	280 kg



AUTOMATIC TILT BACK TYRE CHANGERS

# SG45.26DW PLUS



**Motor with inverter.**  
It allows the operator to change the wheel rotation speed (0 - 15 rpm).



Professional pneumatic auxiliary arm.



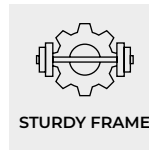
TYPES OF VEHICLES



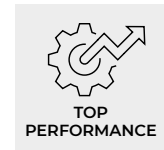
TYRE SHOP



MECHANICAL WORKSHOP



STURDY FRAME



TOP PERFORMANCE



HIGH VOLUME

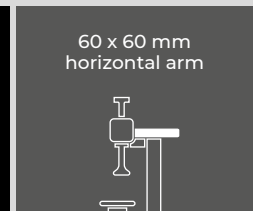


Plate with diameter up to 26" with adjustable jaws.

The frame and tilting pole are **extremely strong** so all types of car and van wheels can be changed while ensuring utmost safety for the tyre and rim.



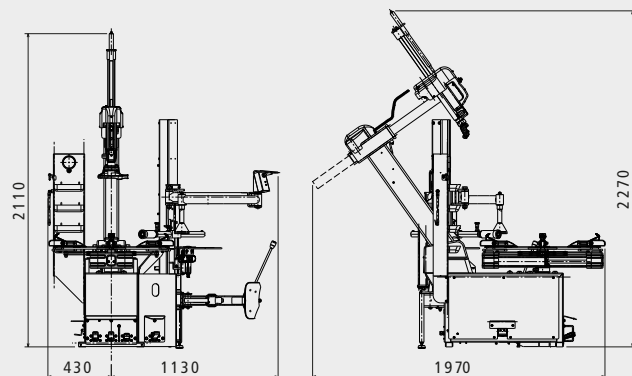
Ø 40 mm tool rod



60 x 60 mm horizontal arm

## TECHNICAL DATA

	SG45.26DPW PLUS RAV.SG45X.202048
Mounting head design	with tyre lever
Mounting column design	tiltable
Min. clamping capacity	10"
Max. clamping capacity	28.5"
Min. inner clamping range	13"
Max. inner clamping range	28.5"
Min. outer clamping range	10"
Max. outer clamping range	26"
Max. rim width	16"
Max. wheel width	16"
Max. wheel diameter	45"
Bead breaker force	11900 N (2675 lbf)
Rotation speed	0 / 16 rpm
Max. torque	1200 Nm (885 ft.lbs)
Power inverter motor	0.75 (1 Hp)
Power supply	200 - 240 V   50 - 60 Hz
Phases	1 Ph
Air supply	8 bar
Max. air supply	10 bar
Weight	362 kg



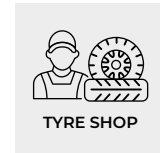
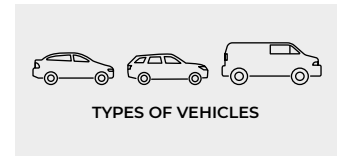
LEVERLESS TYRE CHANGERS

# G1190.30 SERIES



- **Double bead breaking disks/rollers.** The tyre bead is broken quickly and safely by two opposed and synchronized disks.
- **Motor with inverter.** The wheel rotation can be controlled as desired by the operator through inverter motor with speed limiter to protect the tyre from excessive forces (0 - 15 rpm).

- Disk indent system for correct and safe bead breaking without damaging the tyre side wall and the pressure sensor.
- The positioning of the three arms is synchronized with lube free roller chain system.



The centre post locking with floating plate (patented), suitable also for reverse rims, offers a self-locking mechanism that reduces the effort of the operator.

CONFIGURATION

	Complete with
<b>G1190.30 PLUS</b> RAV.G1190.200808	<ul style="list-style-type: none"> <li>- Wheel lift.</li> <li>- WDK.</li> <li>- Pedal inflation system with pressure gauge and fast inflating valve.</li> </ul>

CONFIGURATION

	Complete with
<b>G1190.30IT</b> RAV.G1190.200822	<ul style="list-style-type: none"> <li>- Pedal inflation system with pressure gauge and fast inflating valve.</li> <li>- TOP tubeless tyre inflator device.</li> </ul>



### TECHNICAL DATA

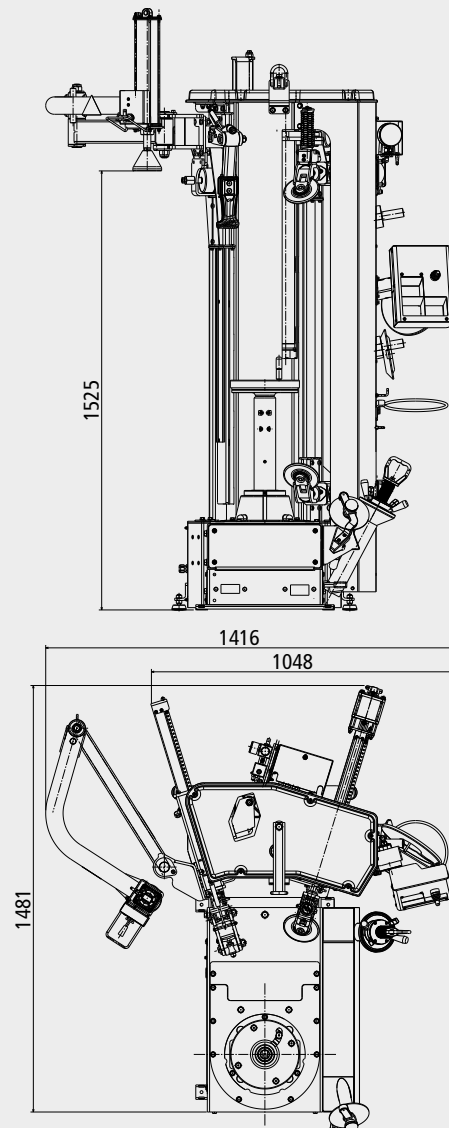
	G1190.30 PLUS RAV.G1190.200808	G1190.30IT RAV.G1190.200822	G1190.30 RAV.G1190.200853
Min. clamping capacity	10"	10"	10"
Max. clamping capacity	30"	30"	30"
Max. rim width	15"	15"	15"
Max. wheel diameter	1194 mm	1194 mm	1194 mm
Bead breaker force	12 kN	12kN	12 kN
Rotation speed	0 / 15 rpm	0 / 15 rpm	0 / 15 rpm
Max. torque	1200 Nm	1200 Nm	1200 Nm
Power inverter motor	1.5 kW	1.5 kW	1.5 kW
Driving power	0.75 kW	0.75 kW	0.75 kW
Power supply	200 - 240 V   50 - 60 Hz	200 - 240 V   50 - 60 Hz	200 - 240 V   50 - 60 Hz
Phases	1 Ph	1 Ph	1 Ph
Fuse protection	16 A	16 A	16 A
Air supply	8 bar	8 bar	8 bar
Max. air supply	10 bar	10 bar	10 bar
Width	1415 mm	1460 mm	1415 mm
Depth	1560 mm	1560 mm	1560 mm
Height	2090 mm	2090 mm	2090 mm
Weight	440 kg	411 kg	402 kg

### CONFIGURATION

	Complete with
<b>G1190.30</b> RAV.G1190.200853	- Pedal inflation system with pressure gauge and fast inflating valve.

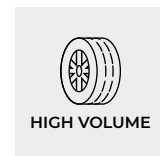


G1190.30



LEVERLESS TYRE CHANGERS

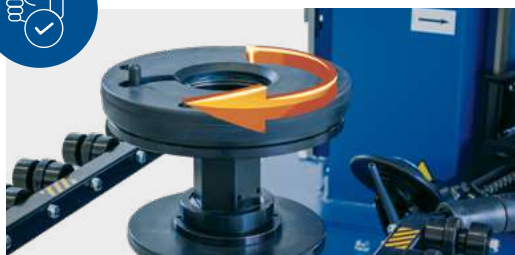
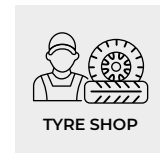
# G1250.30PLUS SERIES



- **Memory system.** Memory button with automatic head repositioning on rim edge that allows a new disassembly and assembly process to be rapidly resumed.

- **Double bead breaking discs system.** The tyre bead is broken quickly and safely by two opposite synchronised discs.

- Electromechanical actuator that controls the synchronous movement of all three operating arms with a chain synchronisation system.



**Zero stress effect.** Mounting head in scratchproof material for working near the edge of the rims without damaging them.

The centre post locking with floating plate (patented), suitable also for reverse rims, offers a self-locking mechanism that reduces the effort of the operator.

Compartments for stowing accessories, valves and tools.

## CONFIGURATION

	Complete with
<b>G1250.30PLUS</b> RAV.G1250.200129	- Pedal inflation system with pressure gauge and fast inflating valve.

## CONFIGURATION

	Complete with
<b>G1250.30PLUSIT</b> RAV.G1250.200037	- TOP tubeless tyre inflator device. - Pedal inflation system with pressure gauge and fast inflating valve.

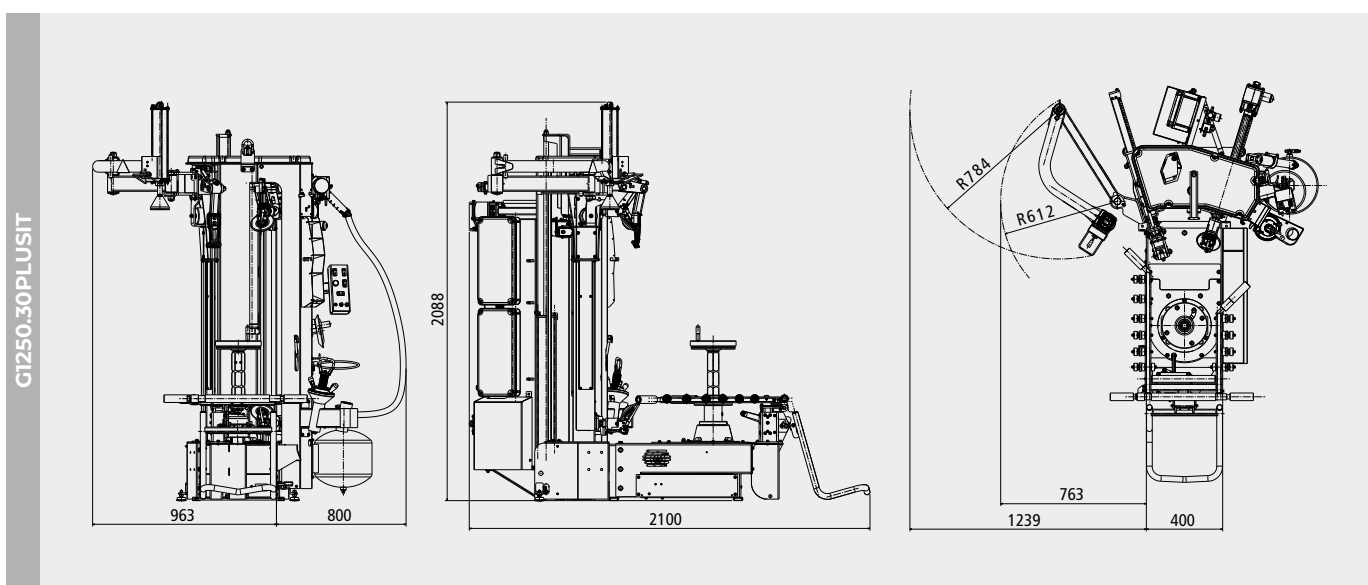
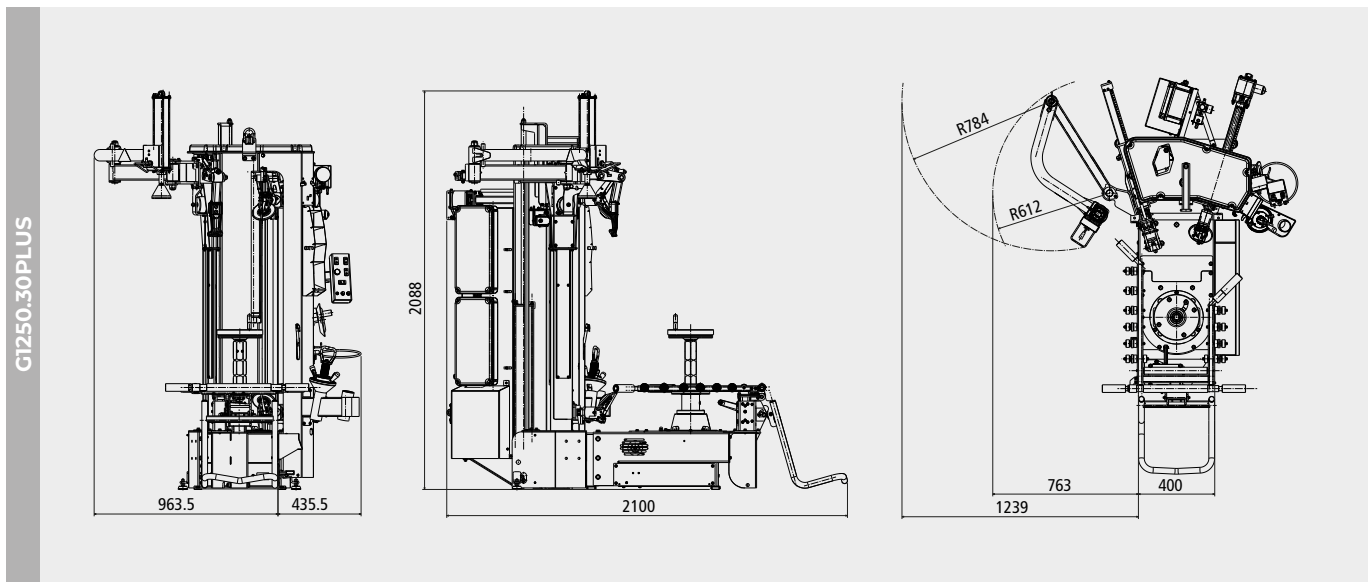


Laser pointer that indicates proper head positioning.



**TECHNICAL DATA**

	<b>G1250.30PLUS</b>	<b>G1250.30PLUSIT</b>
	<b>RAV.G1250.200129</b>	<b>RAV.G1250.200037</b>
Min. clamping capacity	10"	10"
Max. clamping capacity	30"	30"
Max. rim width	15"	15"
Max. Wheel diameter	1194 mm	1194 mm
Bead breaker force	12 kN	12 kN
Rotation speed	0 / 15 rpm	0 / 15 rpm
Power inverter motor	1.5 kW	1.5 kW
Driving power	0.75 kW	0.75 kW
Power supply	200 - 240 V   50 - 60 Hz	200 - 240 V   50 - 60 Hz
Phases	1 Ph	1 Ph
Air supply	8 bar	8 bar
Max. air supply	10 bar	10 bar
Width	1400 mm	1760 mm
Depth	2100 mm	2100 mm
Height	2090 mm	2090 mm
Weight	460 kg	470 kg



LEVERLESS TYRE CHANGERS

# G8945D.26S

- **Memory system.**  
Rim edge "memory" controls: place it first time, then it will go back to same position just pushing a pedal.
- Two-position locking plate for standard or reverse rims.



TYPES OF VEHICLES



TYRE SHOP



MECHANICAL WORKSHOP



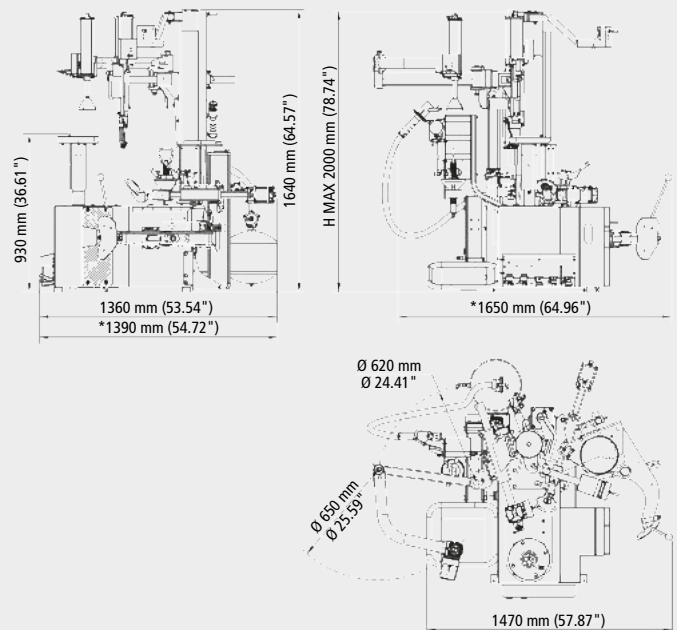
Post with vertical "space saver" movement.



Patented tool in plastic anti-scratch material.

TECHNICAL DATA

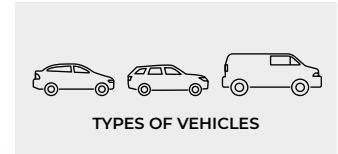
	<b>G8945D.26S</b> <b>RAV.G8945.206107</b>
Min. clamping capacity	10"
Max. clamping capacity	26"
Max. rim width	15"
Max. wheel diameter	1143 mm
Bead breaker force	12 kN
Rotation speed	0 / 15 rpm
Max. torque	1200 Nm
Power inverter motor	0.75 kW
Driving power	1.5 kW
Power supply	200-240 V   50 - 60 Hz
Phases	1 Ph
Air supply	8 bar
Max. air supply	10 bar
Width	1470 mm
Depth	1385 mm
Height	2000 mm
Weight	360 kg



WHEEL BALANCERS

# G2.121RFM

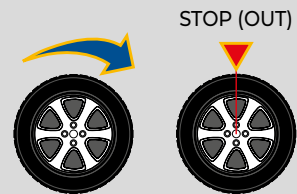
- Automatic ALU S programme.
- Backlit LCD display.



Calliper for automatic distance and diameter measurement.

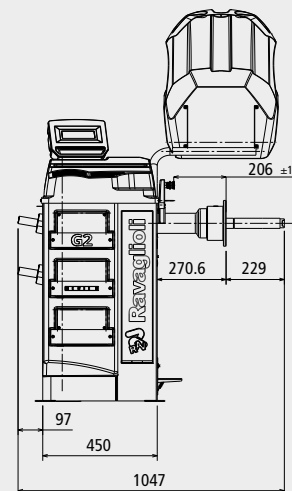
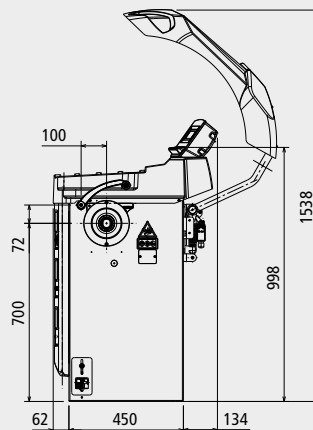


**Automatic start-stop.**  
Stop on top in external unbalanced position.



TECHNICAL DATA

	<b>G2.121RFM</b> <b>RAV.G2121.201492</b>
Measuring speed	< 100 rpm
Measuring time	6 s
Balancing accuracy +/-	±1g
Min. rim width	1.5 "
Max. rim width	22 "
Rim diameter min.	10"
Rim diameter max.	26"
Max. wheel width	22"
Max. wheel diameter	900 mm (35")
Max. wheel weight	65 kg
Power supply	220-240 V   50-60 Hz
Phases	1 Ph
Noise level	≤70 dB(A)
Width	1047 mm
Depth	878 mm
Height	1538 mm
Weight	110 kg



WHEEL BALANCERS

# G2.140R

- Automatic ALU S programme.



LCD 22"



TYPES OF VEHICLES



ECO-WEIGHT

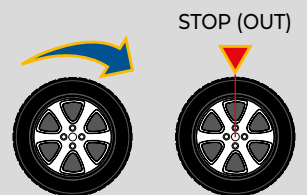


MECHANICAL WORKSHOP

Calliper for automatic distance and diameter measurement.

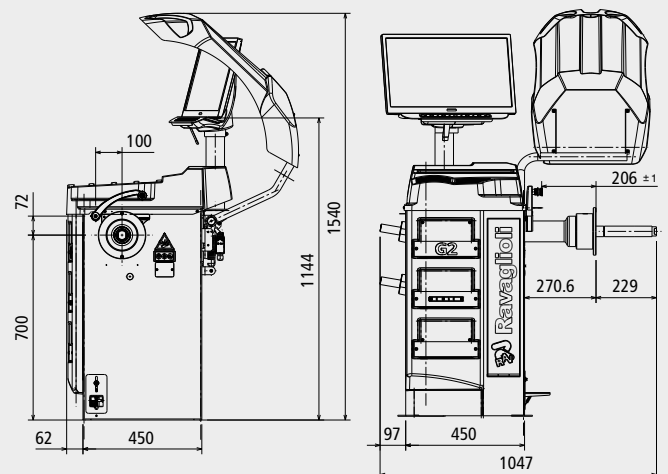


**Automatic start-stop.**  
Stop on top in external unbalanced position.



## TECHNICAL DATA

	<b>G2.140R</b>
	<b>RAV.G2140.201454</b>
Measuring speed	< 100 rpm
Measuring time	6 s
Balancing accuracy +/-	±1g
Min. rim width	1.5 "
Max. rim width	22 "
Rim diameter min.	10"
Rim diameter max.	26"
Max. wheel width	18"
Max. wheel diameter	900 mm (35")
Max. wheel weight	65 kg
Power supply	220-240 V   50-60 Hz
Phases	1 Ph
Air supply	8 bar
Max. air supply	10 bar
Noise level	≤70 dB(A)
Width	1047 mm
Depth	878 mm
Height	1540 mm
Weight	120 kg



## WHEEL BALANCERS

# G2.124NR

- The arm stores the positions for balancing correction: automatic programs for ALU S and PAX wheels.
- Interactive LCD display.
- Automatic ALU S programme.



TYPES OF VEHICLES



TYRE SHOP

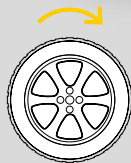


MECHANICAL WORKSHOP

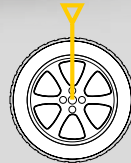


ECO-WEIGHT

Calliper for automatic distance and diameter measurement.



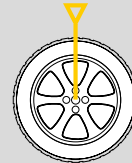
AUTO START



AUTOMATIC STOP (OUT)



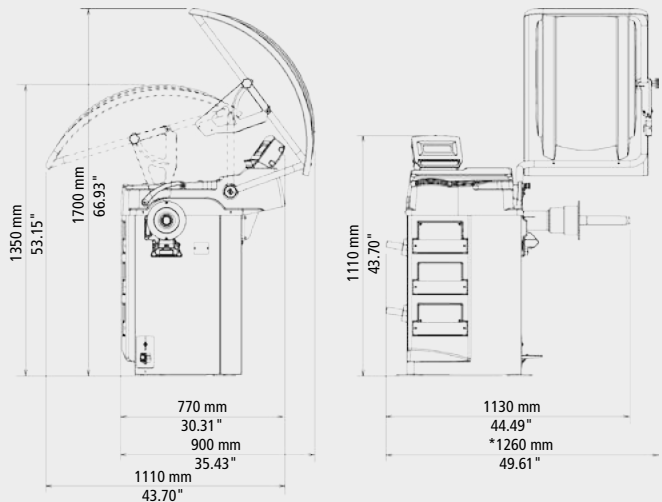
AUTO START



AUTOMATIC STOP (IN)

### TECHNICAL DATA

	<b>G2.124NR</b> <b>RAV.G2124.201362</b>
Measuring speed	< 100 rpm
Measuring time	6s
Balancing accuracy +/-	±1g
Min. rim width	1.5 "
Max. rim width	22 "
Rim diameter min.	10"
Rim diameter max.	26"
Max. wheel width	560 mm
Max. wheel diameter	1020 mm
Max. wheel weight	70kg
Power supply	220-240 V   50-60 Hz
Phases	1 Ph
Noise level	≤70 dB(A)
Width	1260mm
Depth	1110mm
Height	1700mm
Weight	130 kg



WHEEL BALANCERS

# G3.150 SERIES

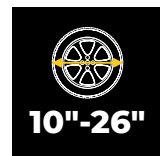
Rim Run-out measurement  
with internal data gauge.



Automatic width acquisition  
by lowering the wheel guard.  
(Only for WS models).



Double led light and laser  
blade (with a laser line at 6  
o'clock for adhesive weights)  
to properly and easily fit  
weight in the right position.



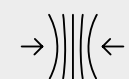
TYPES OF VEHICLES



TYRE SHOP



MECHANICAL  
WORKSHOP



SPACE SAVER



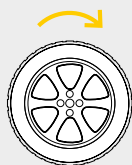
EXTREMELY  
ACCURATE



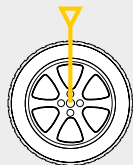
EASY TO USE



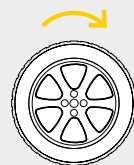
ECO-WEIGHT



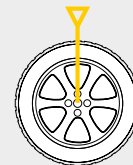
AUTO START



AUTOMATIC STOP (OUT)



AUTO START



AUTOMATIC STOP (IN)



Front pocket to store  
working tools and large  
housing for clip-on and  
tape weights.

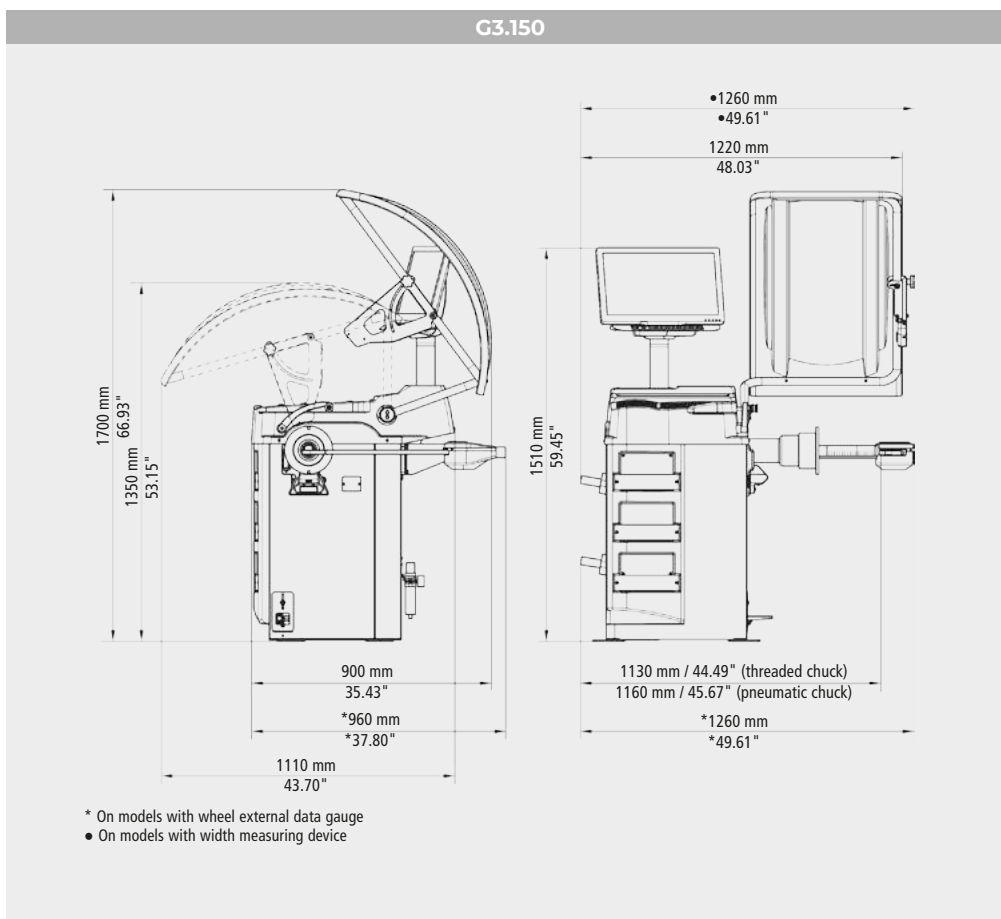


**CONFIGURATIONS**

		Complete with	Colour
G3.150S	RAV.G3150.201539	- Wheel width automatic gauge.	RAL5005
G3.150WS	RAV.G3150.201430	- Wheel width automatic gauge. - Wheel width sonar.	RAL5005
GP3.150WS	RAV.G3150.201386	- Wheel width automatic gauge. - Wheel width sonar. - Pneumatic locking.	RAL5005
GP3.150WSPLUS	RAV.G3150.201287	- Wheel width automatic gauge. - Wheel width sonar. - Pneumatic locking. - GARI12, GARI21, GARI32.	RAL7016

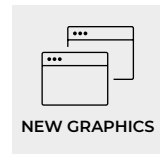
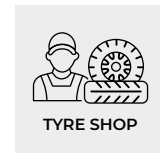
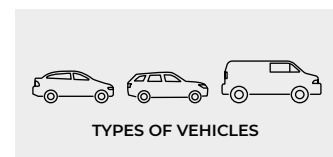
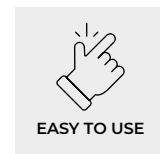
**TECHNICAL DATA**

	GP3.150WSPLUS RAV.G3150.201287	GP3.150WS RAV.G3150.201386	G3.150WS RAV.G3150.201430	G3.150S RAV.G3150.201539
Measuring speed	< 100	< 100	< 100	< 100
Measuring time	6 s	6 s	6 s	6 s
Balancing accuracy +/-	±1g	±1g	±1g	±1g
Min. rim width	1.5 "	1.5 "	1.5 "	1.5 "
Max. rim width	22 "	22 "	22 "	22 "
Rim diameter min.	10"	10"	10"	10"
Rim diameter max.	26"	26"	26"	26"
Max. wheel width	500 mm	500 mm	500 mm	500 mm
Max. wheel diameter	1090 mm	1090 mm	1090 mm	1090 mm
Max. wheel weight	70 kg	70 kg	70 kg	70 kg
Power supply	220-240 V   50-60 Hz	220-240 V   50-60 Hz	220-240 V   50-60 Hz	220-240 V   50-60 Hz
Phases	1 Ph	1 Ph	1 Ph	1 Ph
Air supply	8 bar	8 bar	8 bar	8 bar
Max. air supply	10 bar	10 bar	10 bar	10 bar
Noise level	≤70 dB(A)	≤70 dB(A)	≤70 dB(A)	≤70 dB(A)
Width	1256 mm	1256 mm	1256 mm	1256 mm
Depth	898 mm	898 mm	898 mm	1695 mm
Height	1695 mm	1695 mm	1695 mm	953 mm
Weight	145 kg	145 kg	140 kg	145 kg



WHEEL BALANCERS

# GP4.150WSPLUS



Sonar for automatic measurement of the wheel width.

Sonar to measure the radial run-out.

Pneumatic clamping device.

LED rim lighting.

- The machine automatically stops in the external unbalance position.



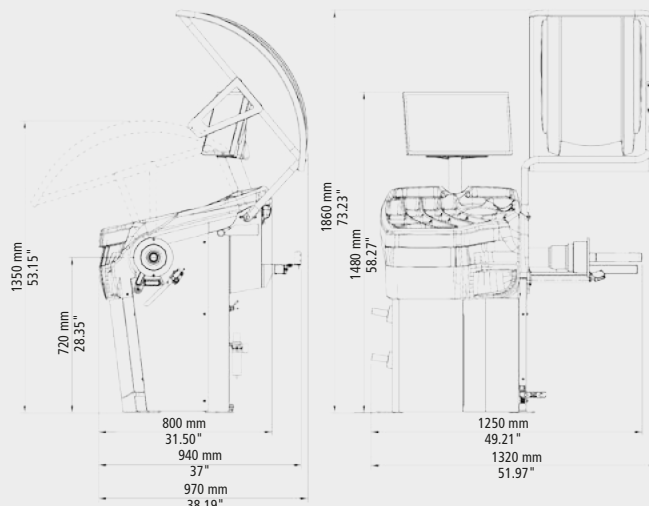
Automatic measurement of the distance and diameter using a built-in 2D measuring arm.



Laser pointer. Indicates the positioning of the weight with a laser pointer (for adhesive weights).

## TECHNICAL DATA

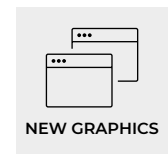
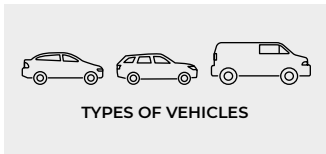
	GP4.150WSPLUS
	RAV.G4150.201621
Measuring speed	< 100 rpm
Measuring time	6 s
Balancing accuracy +/-	±1g
Min. rim width	1.5"
Max. rim width	22"
Rim diameter min.	10"
Rim diameter max.	30"
Max. wheel diameter	1092 mm
Max. wheel weight	80 kg
Power supply	220-240 V   50-60 Hz
Phases	1 Ph
Air supply	8 bar
Max. air supply	10 bar
Noise level	≤70 dB(A)
Width	1320 mm
Depth	970 mm
Height	1860 mm
Weight	155 kg



# GP4.150SCANPLUS



The **SCAN system** guarantees maximum operation speed and precision.



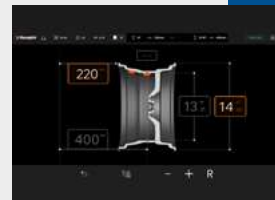
**Sonar for automatic measurement of the wheel width.**

**Sonar to measure the radial run-out.**

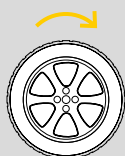
**Pneumatic clamping device.**

**LED rim lighting.**

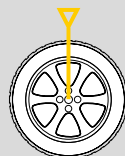
**Guided wheel balancing management:** the key functions vary depending on use and are identified on the display by instantly understood graphic icons.



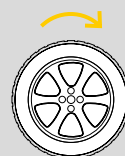
**Automatic Balancing mode:** in AUTO mode, the machine autonomously sets the work, from choosing the program to use and counting the spokes to indicating the position of the hidden weights.



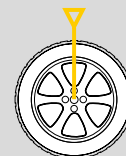
AUTO START



AUTOMATIC STOP (OUT)



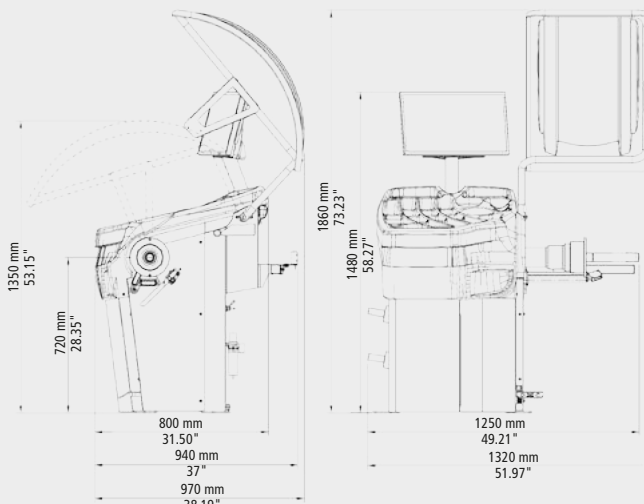
AUTO START



AUTOMATIC STOP (IN)

## TECHNICAL DATA

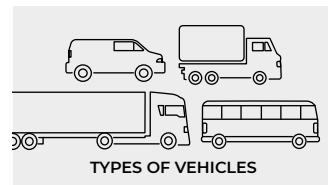
	<b>GP4.150SCANPLUS</b>
	<b>RAV.GSCAN.201607</b>
Measuring speed	< 100 rpm
Measuring time	6 s
Balancing accuracy +/-	±1g
Min. rim width	1.5"
Max. rim width	22"
Rim diameter min.	10"
Rim diameter max.	30"
Max. wheel diameter	1092 mm
Max. wheel weight	80 kg
Power supply	220-240 V   50-60 Hz
Phases	1 Ph
Air supply	8 bar
Max. air supply	10 bar
Noise level	≤70 dB(A)
Width	1320 mm
Depth	970 mm
Height	1860 mm
Weight	160 kg



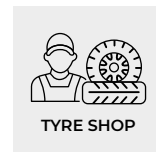
## WHEEL BALANCERS

# GTL2.120NRC

- Interactive LCD display.
- Guided wheel balancing management: the key functions vary depending on use and are identified on the display by instantly understood graphic icons.



Large housing for clip-on and tape weights.



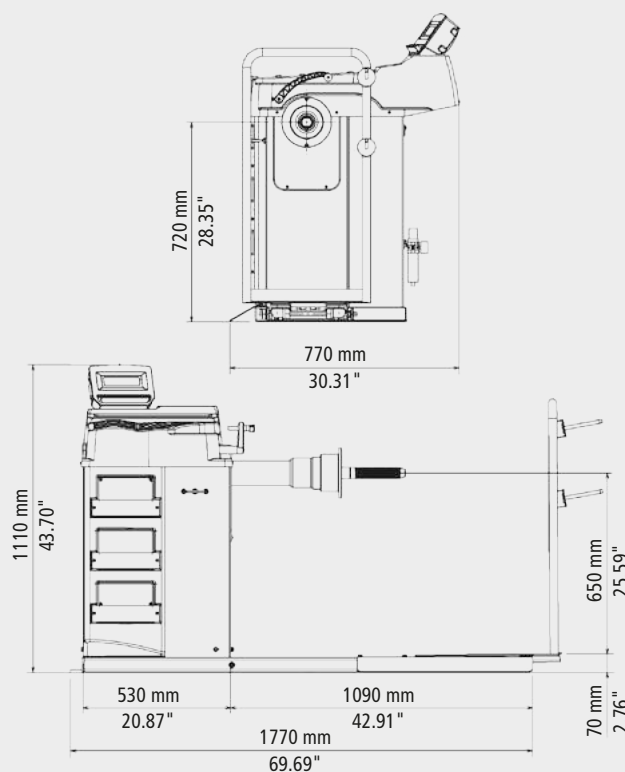
Pneumatic lift to 200 kg.

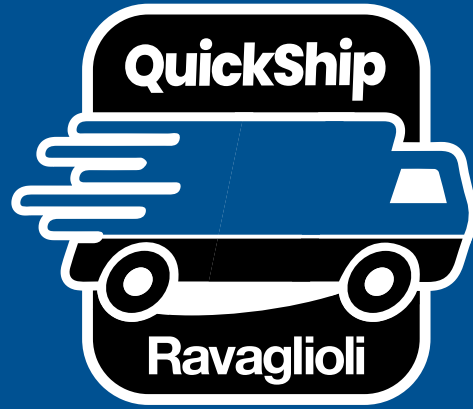


An electro-pneumatic brake holds the wheel in position.

### TECHNICAL DATA

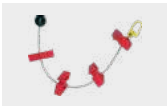











	<b>GTL2.120NRC</b> <b>RAV.GTL2C.200846</b>
Measuring speed	< 100 rpm
Measuring time	6 s
Balancing accuracy +/-	±1g
Min. rim width	1.5"
Max. rim width	22"
Rim diameter min.	10"
Rim diameter max.	26" - 30"
Max. wheel width	20"
Max. wheel diameter	1300 mm
Max. wheel weight	200 kg
Power supply	220-240 V   50-60 Hz
Phases	1 Ph
Air supply	8 bar
Max. air supply	10 bar
Noise level	≤70 dB(A)
Width	1920 mm
Depth	1100 mm
Height	1800 mm
Weight	180 kg





# ACCESSORIES

## TYRE CHANGERS










			RAV.G7641.201010	RAV.G7641.200945	RAV.G7641.200907	RAV.G7441.201119	RAV.G7441.200969	RAV.G7441.200921
	G1000A36	Extension for bead depressor (from 24" to 28"). For G1000A32.	X	X	X	X	X	X
	PLUS83H	Air-driven device for bead pushing-raising with rotating arm.	X	X		X	X	
	PLUS83H/D	PLUS83 with WDK bead pressure device (German market only).	X	X		X	X	
	PLUS73	Air-driven device for bead pushing-raising with rotating arm.				X	X	X
	G800A114	Extension for bead depressor for run-flat tyres.	X	X	X	X	X	X
	G800A116	Additional side arm with cylindrical roller (no disc). To be used with PLUS83.	X	X		X	X	
	G800A119	Additional side arm with disc (no optional hexagonal arm).	X	X		X	X	
	G800A49	45° tilted roller to be used with G800A51. To be used with PLUS83.	X	X	X	X	X	X
	G800A51	45° tilted roller to be used with G800A49. To be used with PLUS83.	X	X	X	X	X	X
	G800A98K	Clamp protection package (N° 10 set G800A98). For all models with chucking table 20" - 22".	X	X	X	X	X	X
	G1000A13K	Rim protection for bead lever (50 pieces).	X	X	X	X	X	X
	G800A117	Set of tool head press-in protections (2 pieces).	X	X	X	X	X	X

**TYRE CHANGERS**

RAV.G7645.201232	RAV.G7645.200990	RAV.G7645.200914	RAV.G5440.206152	RAV.G5440.206145	RAV.G5440.206176	RAV.G5440.206169	RAV.G5140.206190	RAV.SG45X.202048
<b>X</b>	<b>X</b>	<b>X</b>						
<b>X</b>		<b>X</b>						
<b>X</b>		<b>X</b>						
			<b>X</b>	<b>X</b>	<b>X</b>	<b>X</b>		
<b>X</b>		<b>X</b>						
<b>X</b>		<b>X</b>						
<b>X</b>	<b>X</b>	<b>X</b>						
<b>X</b>	<b>X</b>	<b>X</b>						
<b>X</b>	<b>X</b>	<b>X</b>	<b>X</b>	<b>X</b>	<b>X</b>	<b>X</b>	<b>X</b>	<b>X</b>
<b>X</b>	<b>X</b>	<b>X</b>						<b>X</b>

# ACCESSORIES

## TYRE CHANGERS





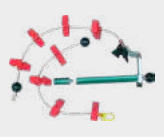






			RAV.G7641.201010	RAV.G7641.200945	RAV.G7641.200907	RAV.G7441.201119	RAV.G7441.200969	RAV.G7441.200921
	G800A117K	Kit of 10 x G800A117A.	X	X	X	X	X	X
	G800A82	Necessary kit to turn traditional tyre changers into leverless type.	X	X	X			
	G800A6K	Clamps protection package (N° 10 set G800A6). For all models with chucking table 24"-26"-28".						
	G800A11K	ALU protection kit for side bead breaker (5 pieces).	X	X	X	X	X	X
	G800A132K	10 set of tool head press-in protections.						
	G800A131	Clamp protection kit (4 pieces).						
	G800A136	(4 pieces) Fast-fit motorcycle & scooter wheels clamps (rim diameter from 7" to 25").						
	VSG.8A140.902245	Plastic guard for jaws (10 set, 40 pcs.).						
	VSG.8A140.902221	Plastic guard for jaws (1 set, 4 pcs.).						
	VSG.8A138.902184	Front wheel lift.						
	G1000A160	Half moon-shaped mounting lever	X	X	X	X	X	X
	G800A37	Grease paste for tyre mount/dismount   3.5 kg	X	X	X	X	X	X
	VSG.8A137.902160	Tubeless inflation kit for plate tyre changers.						
	VSG.8A139.902207	Bead breaker roller kit with bead pusher arm   PL100 equipment necessary.						
	G800A11	Plastic guard for side bead breaker shovel (1 pc.).						

**TYRE CHANGERS**

RAV.G7645.201232	RAV.G7645.200990	RAV.G7645.200914	RAV.G5440.206152	RAV.G5440.206145	RAV.G5440.206176	RAV.G5440.206169	RAV.G5140.206190	RAV.SG45X.202048
X	X	X						X
X	X	X						
X	X	X						
X	X	X	X	X	X	X	X	X
			X	X	X	X	X	
			X	X	X	X	X	
			X	X	X	X	X	
								X
								X
								X
X	X	X	X	X	X	X	X	X
X	X	X	X	X	X	X	X	X
								X
								X
			X	X	X	X	X	X

# ACCESSORIES

## TYRE CHANGERS











			RAV.G1250.200037	RAV.G1250.200129
	<b>G1000A36</b>	Extension for bead depressor (from 24" to 28"). For G1000A32.	<b>X</b>	<b>X</b>
	<b>G1000A117</b>	Plastic mounting head.	<b>X</b>	<b>X</b>
	<b>G1000A117K</b>	Set of plastic mounting heads (20 pieces).	<b>X</b>	<b>X</b>
	<b>G1000A71K</b>	Magnetic rim edge sensor kit (5 pieces).	<b>X</b>	<b>X</b>
	<b>G1000A67</b>	Bead pushing device 28" with pulling system.	<b>X</b>	<b>X</b>
	<b>G1000A137</b>	Universal flange for blind and reverse rims. For G1000A138.	<b>X</b>	<b>X</b>
	<b>G1000A158</b>	Universal flange for reverse rims.	<b>X</b>	<b>X</b>
	<b>G1000A102</b>	Special 5 stud kit (110 mm long) with cone for reverse rims.	<b>X</b>	<b>X</b>
	<b>G1000A152A</b>	Adapter for light trucks for central locking tyre chargers. 14 mm diameter pulling pin.	<b>X</b>	<b>X</b>
	<b>G1000A101</b>	Adapter for light trucks for central locking tyre chargers. 20 mm diameter pulling pin.	<b>X</b>	<b>X</b>
	<b>G1000A126</b>	D.69 cone for 40 shaft with spacers. Requiring G1000A80 - G1000A138.	<b>X</b>	<b>X</b>

**TYRE CHANGERS**

RAV.G1190.200808	RAV.G1190.200822	RAV.G1190.200853	RAV.G8945.206107
X	X	X	X
X	X	X	
X	X	X	
X	X	X	X
X	X	X	X
X	X	X	X
X	X	X	
X	X	X	X
X	X	X	
X	X	X	

# ACCESSORIES

## TYRE CHANGERS















			RAV.G1250.200037	RAV.G1250.200129
	<b>G1000A99NP</b>	Wheel lift with stop in position.		
	<b>G1000A142</b>	Tool head for rims with protruding spokes.		
	<b>G1000A142K</b>	Set of tool heads (6 pieces) for rims with protruding spokes.		
	<b>G1000A140</b>	Beadpusher with pulling system.	<b>X</b>	<b>X</b>
	<b>G1000A65</b>	Protection for upper tool support (1 piece).		
	<b>G1000A65K</b>	Set of protections for upper tool support (5 pieces).		
	<b>G1000A161</b>	Flange for CLAD rims.		
	<b>G1000A70K</b>	Set of pulling system pin guards (5 pieces).	<b>X</b>	<b>X</b>
	<b>G1000A81K</b>	Set of rubber guards for reversed wheels.		
	<b>G1000A84K</b>	Set of centring cone guards (5 pieces).		

**TYRE CHANGERS**

RAV.G1190.200808	RAV.G1190.200822	RAV.G1190.200853	RAV.G8945.206107
	<b>X</b>	<b>X</b>	
			<b>X</b>
			<b>X</b>
<b>X</b>	<b>X</b>	<b>X</b>	<b>X</b>
			<b>X</b>
			<b>X</b>
			<b>X</b>
<b>X</b>	<b>X</b>	<b>X</b>	<b>X</b>
			<b>X</b>
			<b>X</b>

# ACCESSORIES

## WHEEL BALANCERS

			RAV.G2121.201492	RAV.G2140.201454	RAV.G3150.201430	RAV.G3150.201386
	<b>GAR301</b>	Wheel width gauge.	X	X		
	<b>GAR325</b>	Wheel lift standard.	X	X		
	<b>GAR155</b>	Set of precision cones (5 pieces.; D= 42.5 to 78 mm).	X	X	X	X
	<b>GAR323</b>	Double centering cone for off road vehicles (D= 124-128 / 122-126 mm).	X	X	X	X
	<b>GAR121</b>	Rim protection disk.	X	X	X	X
	<b>GAR131H</b>	Universal flange for blind wheels with 3,4,5 holes (including center to center calliper).	X	X	X	X
	<b>GAR147N</b>	Set of 2 Renault centering bush (D=60 mm D=66 mm).	X	X	X	X
	<b>GAR220</b>	Set of 3 Renault Traffic Master centering bush (D=71 mm D=88.9 mm D=129.9 mm), spacer included.	X	X	X	X
	<b>GAR148N</b>	Step centering bush for wheels (D= 56, 57, 66.5, 72.5, 72.6, 74, 74.1mm) for BMW, Mercedes, Audi, Opel.	X	X	X	X
	<b>GAR324</b>	Wheel lift with automatic compensation of the wheel weight.	X	X	X	X
	<b>GAR192N</b>	1 centering bush for BMW. For universal flange GAR181N+GAR191N.	X	X	X	X
	<b>GAR193N</b>	1 centering bush for Ducati 916-996-998-Monster SR2-SR4. For universal flange GAR181N+GAR191N.	X	X	X	X
	<b>GAR194N</b>	1 centering bush for Honda NTV 650 REVERE. For universal flange GAR181N+GAR191N.	X	X	X	X
	<b>GAR195N</b>	1 centering bush for Honda VFR 750. For universal flange GAR181N+GAR191N.	X	X	X	X

WHEEL BALANCERS					
RAV.G3150.201287	RAV.G3150.201539	RAV.G2124.201362	RAV.GTL2C.200846	RAV.GSCAN.201607	RAV.G4150.201621
X	X	X			
X	X	X		X	X
X	X	X	X		
X	X	X	X	X	X
X	X	X	X		
X	X				
X	X	X	X		
X	X	X	X		
X	X	X	X		
X	X	X	X		
X	X	X	X		
X	X	X	X		
X	X	X	X		
X	X	X	X		

# ACCESSORIES

## WHEEL BALANCERS

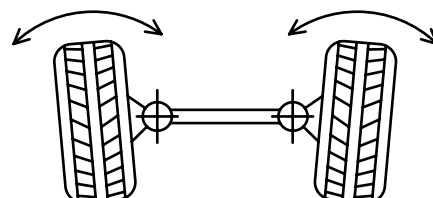
			RAV.G2121.201492	RAV.G2140.201454	RAV.G3150.201430	RAV.G3150.201386
	<b>GAR196N</b>	1 centering bush for Yamaha GTS 1000. For universal flange GAR181N+GAR191N.	X	X	X	X
	<b>GAR197N</b>	Set of 2 centering bushes for Harley Davidson. For universal flange GAR181N+GAR191N.	X	X	X	X
	<b>GAR198N</b>	Centering bush for Suzuki GSX R. For universal flange GAR181N+GAR191N.	X	X	X	X
	<b>GAR379</b>	Laser blade with 6.00 o'clock positioning lit-up.		X		
	<b>GAR181N</b>	Universal flange for motorcycle wheels + 14 mm shaft.	X	X	X	X
	<b>GAR377</b>	Run out measurement sensor ultrasound.			X	X
	<b>GAR378</b>	Wi-Fi antenna, enabling connection feature.			X	X
	<b>GAR315</b>	Run out measurement sensor ultrasound. Requiring GAR306 or GAR307.				
	<b>GAR306</b>	Wheel width gauge.				
	<b>GAR111</b>	3 cones (D= 44 to 112 mm) + protection cup for passenger cars.	X	X	X	X
	<b>GAR132</b>	Universal flange for wheels with 3/4/5 holes.	X	X	X	X
	<b>GAR173</b>	Stand flange for truck rims having 10 holes: 5x225, 286, 335 mm.				
	<b>GAR171</b>	Stand flange for truck rims having 6 holes: 3x 170, 186, 205, 222, 245 mm.				
	<b>GAR356</b>	10 mm shaft for motorcycle wheels complete with 2 cones, 6 spacers, 1 centering nut, 2 bushes. GAR354 or GAR181N needed.	X	X	X	X

WHEEL BALANCERS					
RAV.G3150.201287	RAV.G3150.201539	RAV.G2124.201362	RAV.GTL2C.200846	RAV.GSCAN.201607	RAV.G4150.201621
X	X	X	X		
X	X	X	X		
X	X	X	X	X	X
		X			
X	X	X	X		
X					
X	X				
	X				
		X			
X	X	X	X	X	X
X	X	X	X	X	X
			X		
			X		
X	X	X	X		



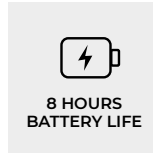


# DIAGNOSTIC



3D WHEEL ALIGNERS

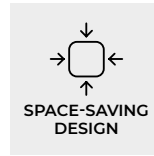
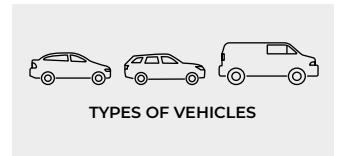
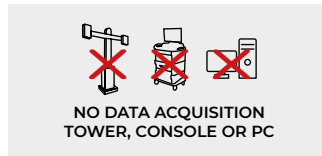
# AllOnWall Series



**A** Two charging stations that are fitted with magnets so that the batteries can be positioned precisely while always indicating proper charging operation also due to the LED indicator.

**B** Tablet with 10" 800 x 1280 multi-touch display complete with adhesive magnets. Rechargeable on the panel.

**C** 3D measuring heads storage housing equipped with rubber impact-resistant matting.



All alignment activities can be controlled from a 10" Android tablet.

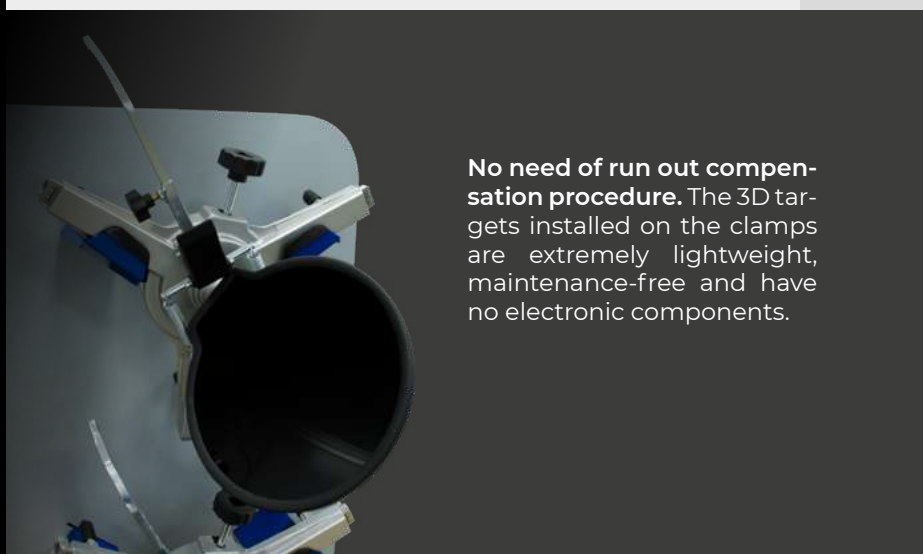
## RAV3D2.0WALL.3L Large version



## RAV3D2.0WALL.3S Light version



3-point clamps support with handy hooks.



No need of run out compensation procedure. The 3D targets installed on the clamps are extremely lightweight, maintenance-free and have no electronic components.



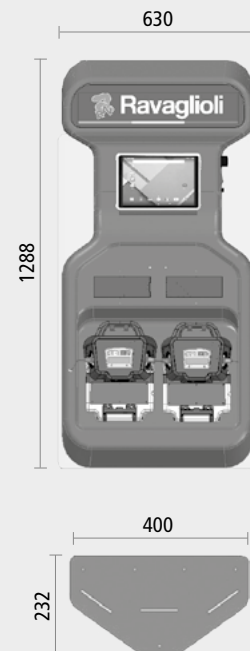
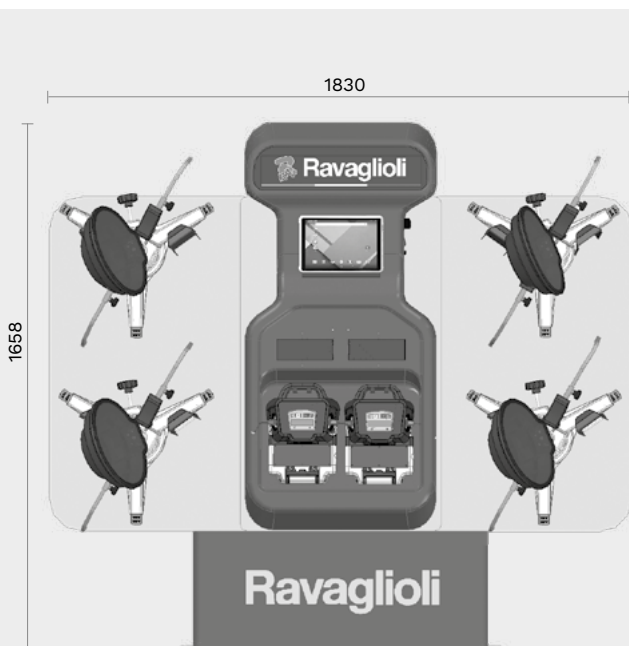
Compact and lightweight 3D measuring heads with pivoting coupling system, directly connected to the lift.

**CONFIGURATIONS**

		Version	Clamps
RAV3D2.0WALL.3L	RAV.3DWAL.701039	Large	3-point
RAV3D2.0WALL.3S	RAV.3DWAL.701008	Light	3-point

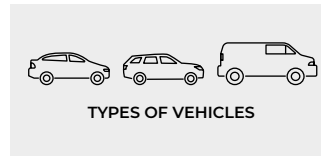
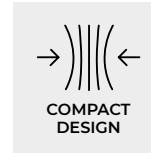
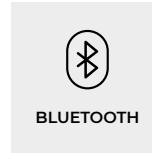
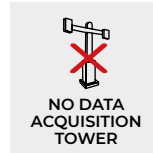
**TECHNICAL DATA**

	RAV3D2.0WALL.3L LARGE VERSION RAV.3DWAL.701039	RAV3D2.0WALL.3S LIGHT VERSION RAV.3DWAL.701008
Individual toe front/rear axle	+/- 20°	+/- 20°
Total toe	+/- 20°	+/- 20°
Toe-out on turns	+/- 20°	+/- 20°
Camber front/rear axle	+/- 10°	+/- 10°
Caster	+/- 18°	+/- 18°
SAI	+/- 18°	+/- 18°
Set-back	+/- 5°	+/- 5°
Set-back front axle	+/- 5°	+/- 5°
Geometric centre line	+/- 5°	+/- 5°
Thrust angle	+/- 5°	+/- 5°
Max. steering angle	+/- 50°	+/- 50°
Min. tyre size	8"	8"
Max. tyre size	24"	24"
Max. wheel diameter	910 mm	910 mm
Max. wheel base	4500 mm	4500 mm
Power supply	230 V   50 - 60 Hz	230 V   50 - 60 Hz
Phases	1 ph	1 ph
Width	1830 mm	630 mm
Height	1658 mm	1288 mm



3D WHEEL ALIGNERS

# RAVTD3200 Series



- A Two battery chargers.
- B Compartment for printer (included).



- C Compartment for storing 3D measuring heads.



- D Dedicated hooks for greater safety of the 3D measuring heads.

## RAVTD3200SP.3



## RAVTD3200L.3



Wheel diameter 100 mm.

No need of run out compensation procedure. The 3D targets installed on the clamps are extremely lightweight, maintenance-free and have no electronic components.



Compact and lightweight 3D measuring heads with pivoting coupling system, directly connected to the lift.

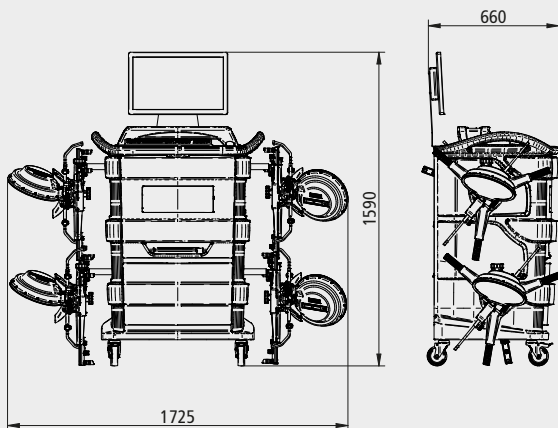
## CONFIGURATIONS

		Colour	Cabinet	Clamps
RAVTD3200SP.3	RAV.D32SP.700902	RAL5005	closed	3-point
RAVTD3200SP.3	RAV.D32SP.700919	RAL7040	closed	3-point
RAVTD3200L.3	RAV.D32LT.700964	RAL7040	open	3-point

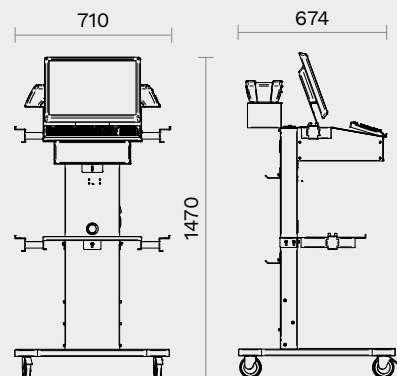
## TECHNICAL DATA

	RAVTD3200SP.3 RAV.D32SP.700902	RAVTD3200SP.3 RAV.D32SP.700919	RAVTD3200L.3 RAV.D32LT.700964
Individual toe front/rear axle	+/- 20°	+/- 20°	+/- 20°
Total toe	+/- 20°	+/- 20°	+/- 20°
Toe-out on turns	+/- 20°	+/- 20°	+/- 20°
Camber front/rear axle	+/- 10°	+/- 10°	+/- 10°
Caster	+/- 18°	+/- 18°	+/- 18°
SAI	+/- 18°	+/- 18°	+/- 18°
Set-back	+/- 5°	+/- 5°	+/- 5°
Set-back front axle	+/- 5°	+/- 5°	+/- 5°
Geometric centre line	+/- 5°	+/- 5°	+/- 5°
Thrust angle	+/- 5°	+/- 5°	+/- 5°
Max. steering angle	+/- 50°	+/- 50°	+/- 50°
Min. tyre size	8"	8"	8"
Max. tyre size	24"	24"	24"
Max. wheel diameter	910 mm	910 mm	910 mm
Max. wheel base	4500 mm	4500 mm	4500 mm
Power supply	230 V   50 - 60 Hz	230 V   50 - 60 Hz	230 V   50 - 60 Hz
Phases	1 ph	1 ph	1 ph
Width	1725 mm	1725 mm	1324 mm
Depth	660 mm	660 mm	770 mm
Height	1590 mm	1590 mm	1502 mm

RAVTD3200SP.3



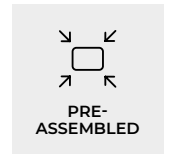
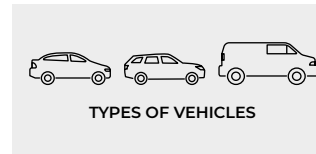
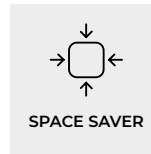
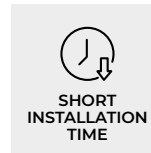
RAVTD3200L.3



## CCD WHEEL ALIGNERS

# RAVTD2.0WIFI SERIES

- 8 CCD sensors with bearings, encoder rapid charging sockets.
- Software designed for mobile devices with intuitive user interface, animations and adjustment aids so work is rapid and effective.



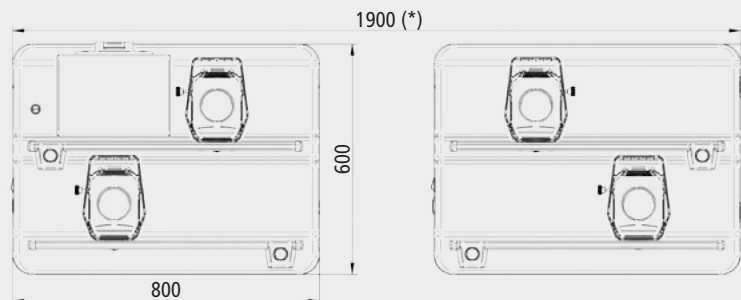
## RAVTD2.0WIFI | Standard



## RAVTD2.0WIFI | Premium

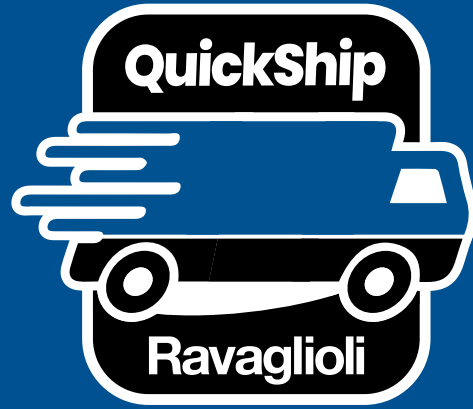


All alignment activities can be controlled from a 10" Android tablet.



### TECHNICAL DATA

	RAVTD2.0WIFI PREMIUM RAV.TD2WF.701350	RAVTD2.0WIFI STANDARD RAV.TD2WF.701084
Individual toe front/rear axle	+/- 20°	+/- 20°
Total toe	+/- 20°	+/- 20°
Toe-out on turns	+/- 20°	+/- 20°
Camber front/rear axle	+/- 10°	+/- 10°
Caster	+/- 18°	+/- 18°
SAI	+/- 18°	+/- 18°
Set-back	+/- 5°	+/- 5°
Set-back front axle	+/- 5°	+/- 5°
Geometric centre line	+/- 5°	+/- 5°
Thrust angle	+/- 5°	+/- 5°
Min. tyre size	8"	8"
Max. tyre size	24"	24"
Max. wheel base	4500 mm	4500 mm
Display size	10"	10"
Data transmission type	cordless	cordless
Measuring system	CCD	CCD
Sensor count	8	8
Power supply	230 V   50 - 60 Hz	230 V   50 - 60 Hz
Phases	1 Ph	1 Ph
Width	800 mm	800 mm
Depth	250 mm	250 mm
Height	600 mm	600 mm
Weight	2 x 15 kg	2 x 15 kg



# ACCESSORIES

## WHEEL ALIGNERS

### LEGENDA:

S = standard | O = optional | NA = not applicable

			RAV.3DWAL.701008	RAV.3DWAL.701039	RAV.3DWAL.701039
	<b>STDA30E</b>	Pair of 4-point truck self-centering clamps, for 12" - 28" rims. Movable shaft. Tyre diameter min. 700 mm.	NA		
	<b>STDA35E/3D</b>	Self-centering 3-point clamps with target (rims 10" to 24") and quick locking arms.	S	S	
	<b>STDA33EU/3D</b>	Self-centering 4-point clamps with target (rims 10" to 24").	NA	NA	
	<b>STDA38K</b>	4 x pairs of quick-locking arms to upgrade STDA33EU-34E to STDA46EU-35E, including ABS fingers. Tyre diameter from 480 to 760 mm.	NA	NA	
	<b>STDA38</b>	2 pairs of quick-locking arms to upgrade STDA33EU-34E to STDA46EU-35E, including ABS fingers. Tyre diameter from 480 to 760 mm.	NA		
	<b>STDA39</b>	ABS conic claws (n. 8). For STDA46EU-48E-35E-95E.	NA		
	<b>STDA49N</b>	Device for truck trailer alignment. Suitable for STDA130.	NA		
	<b>STDA124</b>	Pair of 3D turn tables. Standard on 3D models.	NA	S	
	<b>STDA139</b>	Seat for turn tables (turntables and sliding plates not included) for heavy duty trucks.	NA		
	<b>STDA159</b>	KIT COMBO to expand the heavy duty aligner for use also with the passenger cars. Including 1 support for charging the car measuring heads. (Measuring heads NOT INCLUDED) Suitable for STDA150AU, STDA150TX and STDA150VW.	NA		
	<b>STDA161</b>	Steering wheel lock.	NA		
	<b>STDA48E</b>	Pair of 4-point truck self-centering clamps with quick-locking arms, for rims from 12" to 28". Movable shaft. Tyre diameter from 780 to 1220 mm.	NA		
	<b>STDA92</b>	Pair of 3-point truck clamps with quick-locking arms, clamping on rim flange. Tyre diameter from 890 to 1290 mm.	NA		

**WHEEL ALIGNERS**






RAV.D32SP.700902	RAV.D32SP.700919	RAV.D32LT.700964	RAV.TD2WF.701350	RAV.TD2WF.701084
NA	NA		NA	NA
S	S	S	NA	NA
NA	NA	NA	O	S
NA	NA	NA	NA	O
NA	NA		NA	O
NA	NA		O	O
NA	NA		NA	NA
O	O	O	O	O
NA	NA		NA	NA
NA	NA		NA	NA
NA	NA		NA	NA
NA	NA		NA	NA
NA	NA		NA	NA

# ACCESSORIES

## WHEEL ALIGNERS

### LEGENDA:

S = standard | O = optional | NA = not applicable

			RAV.3DWAL.701008	RAV.3DWAL.701039	RAV
	<b>STDA44L</b>	Pair of goniometers for commercial vehicle turn tables. For STDA29L.	NA		
	<b>STDA29L</b>	Pair of turn tables for commercial vehicles.	NA		
	<b>STDA164</b>	Extra magnetic batteries. The kit consists of 1 pair of spare batteries, which can be used in the charger compartment with magnets.	O	O	
	<b>STDA149</b>	Set of 4 spirit levels for 3D targets.	O	O	
	<b>STDA110</b>	Vehicle data bank.	S	S	
	<b>STDA162</b>	Kit supports (2 pieces) for the lift platform.	S	S	
	<b>STDA160</b>	Battery kit.	NA		
	<b>STDA158</b>	Wi-Fi antenna.	NA		
	<b>STDA35E</b>	Pair of self-centering 3 point clamps, for 8" - 24" rims with quick locking arms. Tyre diameter from 480 to 910 mm.	NA		
	<b>STDA37</b>	Pair clamps with quick locking arms BMW, Mercedes rims. Tyre diameter from 480 to 915 mm.	NA		
	<b>STDA71</b>	Pair of clamps with quick locking arms for Porsche rims, including blocking groups and 2+2 adapters. Tyre diameter from 380 to 810 mm.	NA		
	<b>STDA155</b>	Trolley carrying clamps.	NA		
	<b>STDA156</b>	N. 2 wall panels holding clamps.	NA		
	<b>STDA157</b>	Kit of 4 wall hooks.	NA		

**WHEEL ALIGNERS**












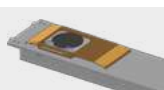



RAV.D32SP.700902	RAV.D32SP.700919	RAV.D32LT.700964	RAV.TD2WF.701350	RAV.TD2WF.701084
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NA	NA		NA	NA
NA	NA		NA	NA
O	O	O	NA	NA
S	S	S	NA	NA
S	S	S	NA	NA
O	O	O	NA	NA
S	S	S	NA	NA
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NA	NA		O	O
NA	NA		O	O
NA	NA		O	O
NA	NA		O	O
NA	NA		O	O
NA	NA		O	O

# ACCESSORIES

## WHEEL ALIGNERS

### LEGENDA:

S = standard | O = optional | NA = not applicable

			RAV.3DWAL.701008	RAV.3DWAL.701039	RAV
	<b>STDA16</b>	Pair of sliding plates for rear wheels 1100x500x50 mm.	NA		
	<b>STDA17</b>	Pair of sliding plates for rear wheels 1500x500x50 mm.	NA		
	<b>STDA23/BTH</b>	RMS height and inclination detector with remote control function.	NA		
	<b>STDA163</b>	Calibration kit.	NA		
	<b>STDA165</b>	Kit of magnets for 3D clamps.	O	O	
	<b>STDA166</b>	Bracket kit RAL7016.	NA		
	<b>STDA100</b>	Set of 4 grabber arms (for 2 clamps) medium size. Tyre diameter from 680 to 910 mm. For STDA35E-95E and locking groups STDA38.	NA		
	<b>STDA101</b>	Set of 4 grabber arms (for 2 clamps) long size. Tyre diameter from 860 to 1115 mm.	NA		
	<b>STDA94</b>	Set of 8 ABS claws with small profile for clamps. For STDA46EU-48E-35E-95E.	NA		
	<b>STDA131</b>	Set of 8 special claws for VW to be used with clamps with quick locking arms.	NA		
	<b>STDA136</b>	Set of steel claws for low profile tyres (for 4 or 3 point clamps).	NA		
	<b>STDA140</b>	Seat for turning plates (plates and slip plates excluded).	NA		
	<b>STDA141</b>	Token (software licence) to use with on smartphones/ tablets.	NA		
	<b>STDA142</b>	Access point kit to transmit to smartphones/tablets (STDA141 required).	NA		
	<b>STDA143</b>	Sets 8 ABS claws for pneumatic support , with flat profile with quick locking arms. For STDA46EU-48E-35E-95E.	NA		
	<b>STDA154</b>	Set of 4 pieces for 3 point clamps for CCD aligners to use with 2-post lifts (-120 mm).	NA		

**WHEEL ALIGNERS**














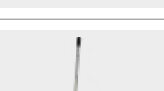

RAV.D32SP.700902	RAV.D32SP.700919	RAV.D32LT.700964	RAV.TD2WF.701350	RAV.TD2WF.701084
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NA	NA		O	O
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NA	NA		O	O
NA	NA		O	O
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NA	NA		O	O

# ACCESSORIES

## WHEEL ALIGNERS

### LEGENDA:

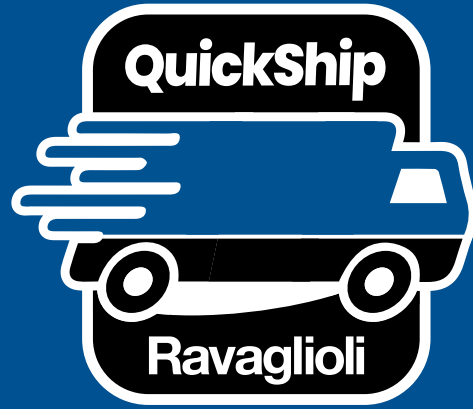
S = standard | O = optional | NA = not applicable

			RAV.3DWAL.701008	RAV.3DWAL.701039	RAV.3DWAL.701039
	<b>STDA68W</b>	Cable extension for emergency power supply to one measuring heads.	NA		
	<b>STDA76W</b>	Pair of emergency cable for Bluetooth measuring heads (power + data transmission).	NA		
	<b>STDA150AU</b>	Brackets for board installation ADAS (AUTEL).	NA		
	<b>STDA150TX</b>	Brackets for board installation ADAS (TEXA).	NA		
	<b>STDA92A1</b>	Set of 6 mid size spacers. For STDA92.	NA		
	<b>STDA150VW</b>	Brackets for board installation ADAS (VAS6430 VW).	NA		
	<b>STDAWISHBONE</b>	Token (software licence) to use with on smartphones/ tablets.	NA		
	<b>STDAPREMIUM</b>	Token for additional functions.	S	S	
	<b>STDA141ADAS</b>	Token to enable ADAS features on all aligners. Suitable for STDA142.	O	O	
	<b>STDAShoot</b>	Token for consulting database on-line.	O	O	
	<b>TEq-Link</b>	Token (authorisations) allowing connection feature.	O	O	
	<b>S110A7</b>	Turn tables (2 pieces).	S	NA	
	<b>10479</b>	Brake pedal depressor.	S	S	
	<b>S110A7/P</b>	Mechanical turning plates.	NA		
	<b>S110A2</b>	Pair of sliding plates for rear wheels 300x225x35 mm.	NA		

**WHEEL ALIGNERS**

RAV.D32SP.700902	RAV.D32SP.700919	RAV.D32LT.700964	RAV.TD2WF.701350	RAV.TD2WF.701084
NA	NA		O	O
NA	NA		O	O
NA	NA		O	O
NA	NA		O	O
NA	NA		NA	NA
NA	NA		O	O
NA	NA		O	O
O	O	O	NA	NA
O	O	O	O	O
O	O	O	NA	NA
NA	NA		O	O
S	S	S	S	S
S	S	S	S	S
NA	NA		O	O
NA	NA		O	O





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