

# velyen

## ▶ AFTER-SALES SPECIALIST. WORKSHOP EQUIPMENT

Lifts - Exhaust Systems - Wheel balancers, tire changers & aligners - Lube Equipment



### RELIABLE AFTER-SALES SOLUTIONS

**2016**  
From **1st February 2016**

- **ALIGNEMENT**
- **TYRE CHANGER**
- **WHEEL BALANCER**
- **OPTIONAL ACCESORIES**

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MODEL CODES (R)(S)(T)					
R ELECTRICAL CURRENT		S VERSION		T COLOUR	
3F 230 / 400V 50 / 60HZ	-	EN1493:2010	-	ORIGINAL VELYEN COLOUR	-
1F 110V 60HZ	1	NO EC	X	COLOUR CHANGE	M
1F 230V 50/60HZ	2	ATL	L		
1F 110-230V 50/60 HZ	3				
3F 400V 50/60HZ	4				
3F 230V 50/60HZ	5				
3F 230V 60HZ	6				
3F 400V+N 50HZ	7				

- NOTA:
1. THIS LIST CANCELS THE PREVIOUS ONE.
  2. Prices EXWORK as construed by INCOTERMS 2000. Taxes, customs duties, import formalities and assembly expenses to be for customer's account. Dispute, if any, to be settled according to the International Arbitration Rules (ICC) governed by The Chamber of Commerce of Valencia so both parties resign from his own jurisdiction.
  3. Road packaging included.
  4. WARNING.VELYEN Elevación y Engrase S.L., is fully right to modify the prices and conditions of this Price List without any previous advice.
  5. Assembly NOT included.
  6. Lifts showed on photographs can have optional accessories do not included in the standard lifts models

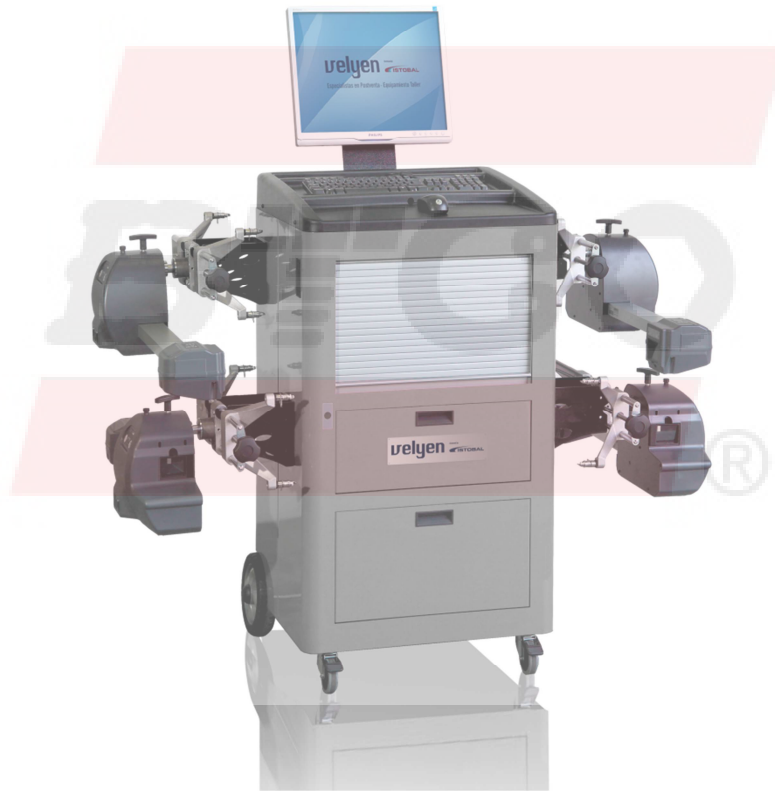
¿Sabía que el cambio  
de ruedas es el servicio  
con mayor incremento  
de negocio?

¿Tu taller esta preparado?

Empiece a ganar más dinero con las  
soluciones que le ofrece VELYEN:

- Equilibradoras
- Desmontadoras
- Alineadoras

Descúbralo en las páginas siguientes ▶



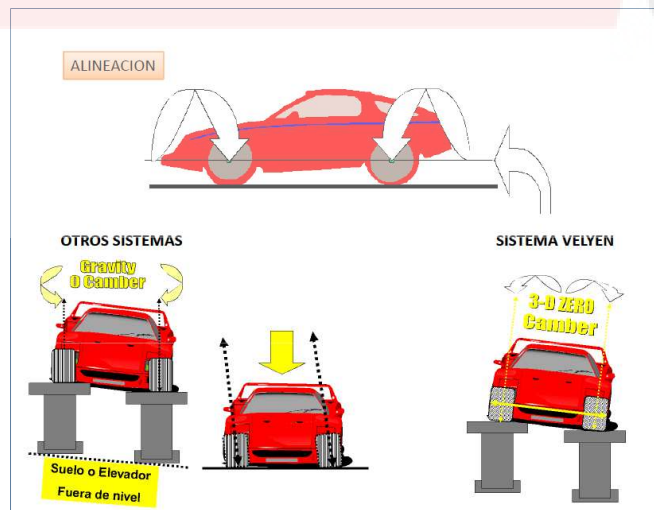
# ALIGNEMENT

#### EMPHASIZED ASPECTS

- Equipment designed to work at the maximum output.
- High quality design.
- Certified products according to European Directive 98/37/CE.
- High quality components to guarantee a long-life and minimize maintenance and repair works

#### ADVANTAGES FOR ALIGNMENT 3D

1. Technology and materials are higher value column.
2. Simplicity in the sensors and / or cards.
3. Low maintenance cost





Misalignment of the wheels increases the wear and tear of tires also mechanical parts of the address may be affected. By the carryover effect of the tires caused by misalignment, the vehicle consumes more fuel.

According to a study of a large manufacturer of trucks and buses, 2 out of 3 trucks circulating in Europe with an incorrect alignment

## ALIGNER 3D

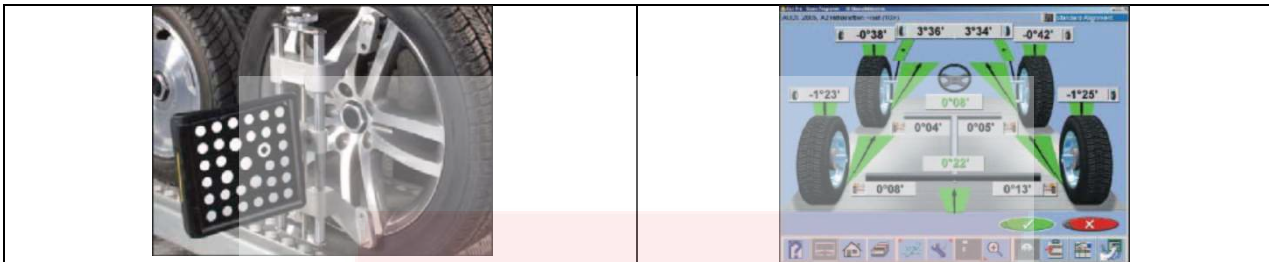
MODEL	DESCRIPTION
<b>4RC0400</b>	Aligner 3d VELYEN. Fixed Cameras
<b>4RC0400L</b>	Aligner 3d VELYEN. Movable Cameras
<b>4RC0500</b>	Aligner 3D.

TECHNICAL CHARACTERISTICS		
Model	4RC0500	4RC0400 4RC0400L
Wheel size	11" – 22"	12" – 24"
Screen	19" TFT	
Alignment time	5-10 min	
Camera	Camera 3D	
Motor	230 V 0.7 Kw 50/60 Hz	
Another Technical Files	<ul style="list-style-type: none"> <li>• Minimum distance to alignment lined up to 1700 mm</li> <li>• Aligned 0-2000 mm Height Tower</li> <li>• Speed Reading to have 2 Cameras.</li> <li>• Minimum maintenance in the absence of sensors and be remote parts of vehicle safety.</li> <li>• Indications for measuring angles: convergence, camber, caster angle, caster angle, steering angle axes.</li> <li>• Great performance at a reasonable price which ensures a rapid return on investment.</li> <li>• Ability to work with wheels up to 26 "with optional extender.</li> </ul>	
Optional Accesories	Optional Accesories Turn plates	Turn plates serie
Keys	2	2 / 1
Photos		

(*) OPCIONAL	DESCRIPTION
<b>992101</b>	Turn plates (380x380x50)
<b>4305900</b>	Standard Claws 4RC0100 4RC0400L
<b>4306000</b>	Run Flat Claws 4RC0100 4RC0400L
<b>991203</b>	Calibration kit 4RC0100 4RC0400L
<b>991005</b>	Software Database Updated

**OTHER BASIC FEATURES**




- Available with camera lift, short supports or tall supports
- Control terminal with additional storage space.
- Equipped with 4 targets
- Loud-speakers
- Practical quick clamps 11"-22" (up to 26" with optional extensions) can be fitted both on extremely small and large rims.
- Cordless communication between targets and camera system.
- 3D overall display



**SERIAL EQUIPMENT**


- Universal wheel clamps 11" - 22"
- Steering wheel holder
- Loudspeaker
- Brake pedal depressor
- Wireless remote control
- 2 front turnplates
- Mobile basic cabinet
- PC (Windows) with keyboard & mouse
- Colour monitor 19" TFT
- Colour ink jet printer DIN A4
- Camera beam lift with 2 moveable cameras
- Software package with vehicle data base


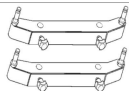
**OPTIONAL ACCESORIES**

		
<p>26" Universal wheel clamp extension</p>	<p>Aligner platform</p>	<p>Kit of 4 tire clamps</p>

## ALIGNER BLUETOOTH TRUCK AND BUS

MODEL	DESCRIPTION
<b>4RC0210A</b>	Aligner CCD Bluetooth

TECHNICAL CHARACTERISTICS		
	<b>MODEL</b>	<b>4RC0210A3</b>
	Wheel size	12" – 24"
	Screen	19" TFT
	Axles	Till 5 Axles in Bus and Trucks Till 8 Axles in Trailers
	Track width	Till 16 m
	Alignment time	5 minutes
	Camera	6 CCD
	Optional Accessories	<ul style="list-style-type: none"> <li>• Portable Wheel alignment</li> <li>• Measured values are displayed in colours, providing alignment.</li> <li>• Measurements of the maximum spin.</li> <li>• Indications of measuring angles: convergence, angle, caster angle, toe angle, directional angle of the axes.</li> </ul> <b>Serial Equipment:</b> <ul style="list-style-type: none"> <li>• Database Software</li> <li>• 4 Universal Wheel Clamp 12"-24"</li> <li>• 1 Steering wheel holder</li> <li>• 1 Brake pedal depressor</li> <li>• 2 Turn Plate till 7 T</li> <li>• PC with software , monitor 19" TFT and color printer DINA4</li> </ul>
	Keys	3


(*) OPCIONAL	DESCRIPTION
	Kit Calibration
	Wheel Holder up to 10 – 26"
	Autodata Software





**ALIGNER CCD - BLUETOOTH**

MODEL	DESCRIPTION
<b>4RC0100</b>	Aligner CCD

TECHNICAL CHARACTERISTICS		
	<b>MODEL</b>	<b>4RC0100</b>
	Rim Diameter	11" – 24"
	Tyre diameter	Till 37"
	battle	1780 – 4575 mm
	Bandwidth	1220 - 2460
	data visualization	Monitor 18.5" TFT
	time Line	15 minutos
	Camera Type	8 CCD y 6 inclinometer
	Motor	110-230V 1F 50/60 Hz
	Additional Options	Not necessary to raise the vehicle to roll
	Other Technical Features	<ul style="list-style-type: none"> <li>• Portable Wheel alignment</li> <li>• Measured values are displayed in 3D, providing alignment.</li> <li>• Measurements of the maximum spin turntables were not necessary.</li> <li>• Indications of measuring angles: convergence, angle, caster angle, toe angle, directional angle of the axes.</li> </ul> <p><b>Serial Equipment:</b></p> <ul style="list-style-type: none"> <li>• Universal Wheel Clamp 11"-24"</li> <li>• Steering wheel holder</li> <li>• Brake pedal depressor</li> <li>• Turn Plate</li> <li>• PC with software , monitor 19" TFT and color printer DINA4</li> </ul>

	<b>4RC0100-</b>	<b>4RC0190-</b>
Claves	2	3 / K / X

OPCIONAL	DESCRIPTION
<b>992101</b>	Turn Plates (Serial)
	Claws (Serial)
	Printer (Serial)



# TYRE CHANGER MACHINE

## TYRE CHANGER

### EMPHASIZED ASPECTS


- Equipment designed to work at the maximum output.
- High quality design.
- Certified products according to European Directive 98/37/CE.
- High quality components to guarantee a long-life and minimize maintenance and repair works

### MAIN CHARACTERISTICS

DESCRIPTION	4RA0300 4RA0305	4RA0500	4RA0505	4RA2000
Max. clamping (inches)	Ext. 23" Int. 20"	Ext. 25" Int. 22"	Ext. 23" Int. 20"	Ext. 25" Int. 22"
Turntable Thickness (mm)	12			12
Refrigeration System	Air Maintenance unit			Air Maintenance unit
Inflating nozzles	Serie			Serie
Arm movement	Automatic till 23"	Automatic till 25"	Automatic till 23"	Automatic till 25"
Number of rotational speed	2			2
Working Pressure	8-16			8-16
Anchorage recommendations	No anchoring ground is necessary but recommended			
Necessary connections	Points of light and air in the workplace.			
Valve	Valve job bars weighed 4.2.			
Used	Professional Tyre Workshops		Professional Tyre Workshops	

## VEHICLE TYRE CHANGER

MODEL	DESCRIPTION
<b>4RA05054K</b>	Professional 3-Phase Automatic Tyre Changer till 23".
<b>4RA05054</b>	Professional 3-Phase Automatic Tyre Changer till 23".
<b>4RA05055</b>	Professional 3-Phase Automatic Tyre Changer till 23". 230 V 3-Phase
<b>4RA05052</b>	Professional 1-Phase Automatic Tyre Changer till 23". 230 V Single Phase
<b>4RA05051</b>	Professional 1-Phase Automatic Tyre Changer till 23". 110 V Single Phase
<b>4RA0505I4</b>	Professional 3-Phase Automatic Tyre Changer till 23". With tubeless under order
<b>4RA0505I2</b>	Professional 1-Phase Automatic Tyre Changer till 23". 110 V Single phase. With tubeless <b>under order</b>

TECHNICAL CHARACTERISTICS		
 <p>Photo with optional Accessories Run Flat</p>	<b>MODEL</b>	<b>4RA05054</b>
	Interior Rim Diameter	12 – 23"
	Outside Diameter Tire	10 – 20"
	Maximum wheel diameter	1040 mm
	Thickness Maximum Wheel	350 mm
	Thickness Plate	12 mm
	Motor	3-Phase 1 Kw; 400V; 50/60Hz
	Designed to	Professional Tyre Workshops
	Peel strength	2.500 kgs
	Option Auxiliary Arm	1st Generation
	Other Technical Features	<ul style="list-style-type: none"> <li>• High resistance vertical column</li> <li>• Turntable operating in double directions with two cylinders of different diameter (Ø70 - Ø75)</li> <li>• Case thickness 2,5mm - 5mm</li> <li>• Air lubricator</li> </ul>

	4RA0505-		4RA0505I-	
Keys	1	-	2	- /K
	2	- /K	4	- /K
	4	- / K / M	5	-
	5	- / K		

## TYRE CHANGER

### AUTOMATIC VEHICLE TYRE CHANGER

MODEL	DESCRIPTION
<b>4RA03004</b>	Professional 3-Phase Automatic Tyre Changer till 23"
<b>4RA03002</b>	Professional 1-Phase Automatic Tyre Changer till 23"
<b>4RA03054</b>	Professional 3-Phase Automatic Tyre Changer till 23" with tubeless (*)
<b>4RA05004</b>	Professional 3-Phase Automatic Tyre Changer till 25". Special BMW


	4RA0505-		4RA0505I-	
Keys	2	-	2	- /K
	4	- / M	4	- /K
	5	-	5	-

	TECHNICAL CHARACTERISTICS	
	MODEL	4RA03004 4RA03054
Interior Rim Diameter	12-23"	13 – 25"
Outside Diameter Tire	10-20"	10 – 22"
Maximum wheel diameter	1000 mm	1060 mm
Thickness Maximum Wheel	320 mm	370 mm
Thickness Plate	12 mm	
Motor	3-Phase 0.55 Kw; 400V; 50 / 60Hz	3-Phase 1 Kw; 400V; 50 / 60Hz
Designed to	Professional Tyre Workshops	
Peel strength	2.600 kgs	2.900 kgs
Option Auxiliary Arm	2nd Generation	
Other Technical Features	<ul style="list-style-type: none"> <li>• Quick change turret system</li> <li>• Bead breaker system with two positions.</li> </ul>	
Other Technical Features	<ul style="list-style-type: none"> <li>• Vertical column tilt backward AUTOMATIC, high strength</li> <li>• Plate with 2 speeds (three phase version)</li> <li>• Pneumatic positioning</li> <li>• Unique linkage system of high quality (chuck and grip strength same dish in different diameters)</li> <li>• Plastic guard and tire inflating gun series</li> <li>• Filter Lubricator - Regulator with display</li> </ul>	

(\*)Tire changer with special boiler system and claws with air outlet for fast inflation in warped tires.


## AUTOMATIC TYRE CHANGER FOR PASSENGER CARS

MODEL	DESCRIPTION
4RA10004	Professional 3-Phase Automatic Tyre Changer till 28".

	<b>TECHNICAL CHARACTERISTICS</b>	
	<b>MODEL</b>	<b>4RA10004</b>
	Interior Rim Diameter	12 – 28"
	Outside Diameter Tire	10 – 22"
	Maximum wheel diameter	1150 mm
	Thickness Maximum Wheel	380 mm
	Thickness Plate	15 mm
	Motor	3-Phase 0.8-1.1 Kw; 400V; 50/60Hz
	Designed to	Professional Tyre Workshops
	Peel strength	2.900 kgs
	Other Features	<ul style="list-style-type: none"> <li>• Vertical column tilt backward AUTOMATIC, extra reinforced (without loss of height)</li> <li>• Plate with 2 speeds</li> <li>• Plate with locking system without adapters.</li> <li>• Suitable to work on cars or vans wheels up to 28 "</li> <li>• Standard equipped with automatic support arm to operate smoothly integrated low profile or particularly difficult.</li> <li>• Arm support with unique new system roll-up heel</li> <li>• Peel Arm swingarm with two different positions shovel and wheel tires of high dimension.</li> </ul>




**AUTOMATIC TYRE CHANGER FOR PASSENGER CARS**

MODEL	DESCRIPTION
<b>4RA20004</b>	Professional 3-Phase Automatic Tyre Changer till 25".

	<b>TECHNICAL CHARACTERISTICS</b>	
	<b>MODEL</b>	<b>4RA20004</b>
	Interior Rim Diameter	13 – 25"
	Outside Diameter Tire	10 – 22"
	Maximum wheel diameter	1060 mm
	Thickness Maximum Wheel	370 mm
	Thickness Plate	15 mm
	Motor	3-Phase 0.8-1.1 Kw; 400V; 50/60Hz
	Designed to	Professional Tyre Workshops
	Peel strength	2.900 kgs
Other Features	<ul style="list-style-type: none"> <li>• Vertical column tilt backward AUTOMATIC, extra reinforced (without loss of height)</li> <li>• Plate with 2 speeds</li> <li>• Plate with locking system without adapters.</li> <li>• Suitable to work on cars or vans wheel 10-25 "</li> <li>• Standard equipped with automatic support arm to operate smoothly integrated low profile or particularly difficult.</li> <li>• Arm support with unique new system roll-up heel</li> <li>• Peel Arm swingarm with 2 different positions between shovel and wheel tires of high dimension.</li> <li>• Automatic contactless head without loss of height.</li> </ul>	

OPTIONAL ACCESSORIES TYRE CHANGER

REF.	DENOMINACIÓN	4RA0200	4RA0300	4RA0500	4RA0505
4800100	UNIVERSAL PNEUMATIC DEVICE FOR RUN FLAT	•			
4800200	UNIVERSAL PNEUMATIC DEVICE FOR RUN FLAT		•		
4800150	UNIVERSAL PNEUMATIC DEVICE FOR RUN FLAT			•	
4800165	UNIVERSAL PNEUMATIC DEVICE FOR RUN FLAT				•
4800165K	UNIVERSAL PNEUMATIC DEVICE FOR RUN FLAT				•

	<b>4800100 / 4800200</b>	<b>4800150</b>	<b>4800165</b>
Device Arm	Pneumatic Device Arm for RunFlat	Pneumatic Device Arm for RunFlat	Pneumatic Device Arm for RunFlat
Net Weight with Device Arm	66 Kgs	60 Kgs	60 Kgs
Working Pressure	7 - 10 bares	7 - 10 bares	7 - 10 Bares
Available for	Universal pneumatic device ideal to handle particularly tough or low profiled tires such as Michelin Pax or Run-Flat tires. The adoption of a special "fork" system makes the lever useless for removing the lower tire bead.	Universal pneumatic device ideal to handle particularly tough or low profiled tires such as Michelin Pax or Run-Flat tires. The adoption of a special "fork" system makes the lever useless for removing the lower tire bead.	Universal pneumatic device ideal to handle particularly tough or low profiled tires such as Michelin Pax or Run-Flat tires. The adoption of a special "fork" system makes the lever useless for removing the lower tire bead.
			



**OPTIONAL ACCESSORIES TYRE CHANGER**

REF	Denomination	4RA0100 4RA0200	4RA0300 4RA0305	4RA0500	4RA0505 4RA1600	4RA1100 4RA2000
4800300	PLASTIC TOOL	•	•		•	
4800310	PLASTIC TOOL			•		
4800400	TOOL PLASTIC BODY (to adapt to the original)	•	•	•		
4800401	TOOL PLASTIC BODY (to adapt to the original)				•	
4800500	TOOL FOR CONVEX SPOKE RIMS	•	•	•	•	
4800600	TOOL FOR SCOOTER WHEELS	•	•	•	•	
4800700	STANDARD REPLACEMENT DEVICE FOR TOOLS	•	•	•		
4800800	PLASTIC PROTECTION FOR BEAD BREAKER BLADE (6uts)	•	•	•		
4800801	PLASTIC PROTECTION FOR BEAD BREAKER BLADE (1uts)				•	
4800900	MOTORCYCLE WHEEL ADAPTERS 5" - 25". → 4 units	•	•	•	•	Together 4800901
4800901	UNIVERSAL SUPPORT ARM SPACER (Indispensable next to 4800900)					•
4801100	PLASTIC PROTECTION FOR ALLOY RIMS (32 pieces)	•	•	•		
4801101	PLASTIC PROTECTION FOR ALLOY RIMS (32 pieces)				•	
4801102	PLASTIC PROTECTION FOR ALLOY RIMS (32 pieces)					•
4801200	PLASTIC PROTECION FOR CLAMPS → 20 units	•	•	•	•	
4801300	PLASTIC PROTECTION INSERT FOR 2k tool→20 uts	•	•	•		
4801301	PLASTIC PROTECTION INSERT FOR 2k tool→20 uts				•	
4801400	PLASTIC PROTECTION INSERT FOR lever→20 uts	•	•	•		
4801401	PLASTIC PROTECTION INSERT FOR lever→20 uts				•	
4801500	PLASTIC PROTECTION FOR LEVER→ 20 units	•	•	•	•	
4801600	FRONT AND REAR CLAMP PROTECTION→ 4 UN	•	•	•		
4801700	VALVE – INSERTING LEVER	•	•	•	•	
4801800	VALVE CORE SCREWDRIVER	•	•	•	•	
4802000	GREASE BRUSH	•	Serie	Serie	•	Serie
4802100	1 Kg GREASE CONTAINER	•	•	•	•	•
4802200	5 Kg GREASE CONTAINER	•	•	•	•	•
4802300	TOOL TRAY	•	•	•	•	•
4802400	INFLATING GUN	•	Serie	Serie		Serie
4802500	PLASTIC BEAD PRESSING CLAMP	•	•	•	•	
4802600	TRUCK ALLOY WHEELS PROTECTION RING					
4802700	CLAMP ALUMINUM TRUCK WHEELS					

4800300	4800400	4800500	4800600	
				4800700
4800800	4800900	4801100 / 4801101 / 4801102		4800700
4801200	4801300	4801400	4801500	4801600
4801700	4801800	4802000	4802100	4802200
4802300	4802400	4802500		

## AUTOMATIC TYRE CHANGER FOR TRUCKS

MODEL	DESCRIPTION
<b>4RA06004</b>	Professional 3-Phase Automatic Tyre Changer till 26"

TECHNICAL CHARACTERISTICS	
<b>MODEL</b>	<b>4RA06004</b>
Internal Clamping	14 – 26 "
External Clamping	1.600 mm
Max Wheel Diameter	780 mm
Motor	1.1 Kw
Gearbox motor	1.5 Kw
Design for	Professional Truck Tyre Workshops
Main Specifications	<p>The universal electro-hydraulic tire changer is suitable to handle tubeless or inner tubed tires for trucks and buses and the self-centering chuck locks grooved and split ring rims from 14" to 26".</p> <p>The machine performs the following automation level:</p> <ul style="list-style-type: none"> <li>• Rotation in both directions of the self-centering chuck;</li> <li>• Fixed chuck-holder arm;</li> <li>• Automatic traversing of the tool-holder carriage;</li> <li>• Manual lifting and manual lateral traversing in 2 different positions of the tool-holder arm;</li> <li>• Manual rotation of the tools.</li> </ul>



**AUTOMATIC TYRE CHANGER FOR TRUCKS**

MODEL	DESCRIPTION
<b>4RA07004</b>	Automatic Tyre Changer 3 Phase Motor 400V up to Internal Clamping 52"
<b>4RA07005</b>	Automatic Tyre Changer 3 Phase Motor 230V up to Internal Clamping 52"

<b>TECHNICAL CHARACTERISTICS</b>	
MODEL	<b>4RA07004</b>
Internal Clamping	14 – 52 " (de 32" a 52" with extensions)
External Clamping	2.500 mm
Max Wheel Diameter	1.200 mm
Motor	3.3 – 4.4 Kw
Gearbox motor	1.9 – 2.5 Kw
Design for	Professional Truck Tyre Workshops
Main Specifications	<ul style="list-style-type: none"> <li>• High resistance vertical column with AUTOMATIC back-ward movement.</li> <li>• One speed turntable and pneumatic tyre placing.</li> <li>• High quality connecting rods guarantee the same tightly strength for any wheel diameter Ø</li> <li>• Manometer for inflating pressure control equipped with deflating push button.</li> <li>• Inflating nozzles for tubeless inflating from the sides.</li> </ul>



## AUTOMATIC TYRE CHANGER FOR TRUCKS

MODEL	DESCRIPTION
<b>4RA08004</b>	Automatic Tyre Changer 3 Phase Motor 400V up to Internal Clamping 56"
<b>4RA08005</b>	Automatic Tyre Changer 3 Phase Motor 230V up to Internal Clamping 56"

TECHNICAL CHARACTERISTICS	
MODEL	4RA08004
Internal Clamping	14 – 56 " (de 34" a 56" with extensions)
External Clamping	2.450 mm
Max Wheel Diameter	1.220 mm
Motor	2 Kw
Gearbox motor	1.3 – 1.8 Kw
Design for	Professional Truck Tyre Workshops
Main Specifications	<p>The universal super-automatic electro-hydraulic tire changer, specifically conceived for intensive and heavy duty professional purposes, is suitable to handle heavy tubeless or inner tubed tires for trucks, buses, tractors and earth moving equipment and the self-centering chuck locks grooved and split ring rims from 14" to 56".</p> <p>In order to minimize the operator working time, the machine features 2-speed fully automatic movements:</p> <ul style="list-style-type: none"> <li>• 2-speed rotation in both directions of self-centering chuck;</li> <li>• <u>2-speed</u> automatic translational movement of chuck-holder arm;</li> <li>• <u>Hydraulic</u> lifting of tool arm, controlled by the portable control unit;</li> <li>• <u>2-speed</u> automatic traversing of tool-holder arm simultaneously to the chuck translational movement;</li> <li>• <u>Automatic</u> rotation of the tools controlled by the portable control unit.</li> </ul>
Internal Clamping	14 – 56 " (de 34" a 56" with extensions)





# WHEEL BALANCER

## WHEEL BALANCER

### EMPHASIZED ASPECTS

- Equipment designed to work at the maximum output.
- High quality design.
- Certified products according to European Directive 2006/42/CE
- High quality components to guarantee a long-life and minimize maintenance and repair works

### COMPARATIVE CHART

DESCRIPTION	4RB00512	4RB0251A2	4RB20512
Protector		Serial	
Rim Diameter (inch)	10-24"	7-28"	7 – 23"
Maximum Wheel Weight k.		65	
Monitor	Display		Monitor LCD 17"
Entering Data	Button		3D
Release		Automatic	
Stop	Automatic but you must manually find where to place the counterweight		Automatic at the point where you should place the counterweight
Use	Official DEaler		Professional Wheel workshop
Recommended anchoring		Important to anchor the machine to the ground	

### MAIN PROGRAMMS

DYN	Conventional wheels with hubcaps
EST	Conventional wheels with hubcaps with a single counterweight
ALU	Aluminum Wheels
Peso Oculito	Aluminum wheels with hidden counterweight
DN	Motorcycle tires
OPT	Optimizing the smallest surplus
CAL	Calibration Official SAT
SCS	Posts errors

## BASIC WHEEL BALANCER

MODEL	DESCRIPTION
<b>4RB00512</b>	Wheel Balancer
<b>4RB00512K</b>	Wheel Balancer

TECHNICAL CHARACTERISTICS	
<b>MODEL</b>	<b>4RB00512</b>
Rim Diameter	10" – 24"
Rim Width	1.5" - 20"
Motor	1-phase 230V 50/60 Hz
Designed for	Workshop
Keys	1 2
	K / M / - -
Main Specifications	<ul style="list-style-type: none"> <li>• Manual Device</li> <li>• Activation and automatic brake release (not positioning)</li> <li>• Wheel Weight Capacity up to 65 kg.</li> <li>• Manually Adding the geometric data of the wheel</li> <li>• tree diameter Ø36mm</li> <li>• Software generation</li> <li>• ALU-P alloy wheels Programs</li> <li>• Protection including wheel</li> <li>• Basic SCS included</li> <li>• 3 units. cones Ø 40 - O157</li> </ul>



## WHEEL BALANCER

### WHEEL BALANCER

MODEL	DESCRIPTION
<b>4RB0851A2</b>	Wheel Balancer till 28" 1- Phase 230V
<b>4RB0851A1</b>	Wheel Balancer till 28" 1- Phase 110V
<b>4RB0251A2</b>	Wheel Balancer till 28". 1- Phase 230V


	4RB0851-		4RB0251-	
Keys	1	-	2	- /M
	2	- / K		

TECHNICAL CHARACTERISTICS		
MODEL	4RB0251A2	4RB0851A2
Rim Diameter	7"-28"	
Rim Width	1.5" - 20"	
Motor	1-phase 230V 50/60 Hz	
Cones	3 cones $\phi$ 40-111	4 cones $\phi$ 40-140
External Gauge	Optional	Standard
Technologie	<ul style="list-style-type: none"> <li>•Magnetic encoder instead of optical encoder</li> <li>• New digital sensor with automatic selection of programs</li> <li>• Available in L version with rim and line laser illuminator</li> </ul>	
Designed for	Oficial Dealers	
Main Specifications	<ul style="list-style-type: none"> <li>• Activation and automatic brake release (not positioning)</li> <li>• Wheel Weight Capacity up to 65 kg.</li> <li>• Automatic adding the geometric data of the wheel</li> <li>• Tree diameter <math>\phi</math>40mm</li> <li>• Software generation</li> <li>• ALU-P alloy wheels Programs</li> <li>• optimization program (look for the best coupling between rim and tire imbalance term values with noise reduction gear)</li> <li>• Program weight hidden (ALU-P - for subdividing the adhesive weight for the outside into two equivalent weights positioned behind the spokes of the rim)</li> <li>• Protection including wheel</li> <li>• Basic SCS included</li> </ul>	
	 <p>SLUG system</p>	



## WHEEL BALANCER

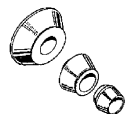


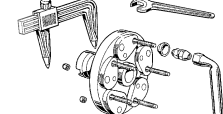
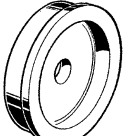
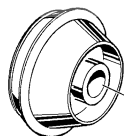

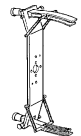
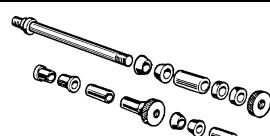
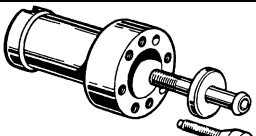
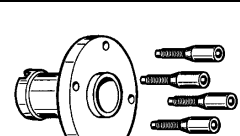
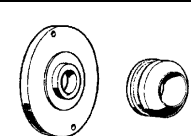
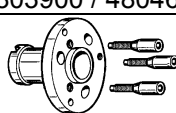


MODEL	DESCRIPTION
4RB20512	Wheel Balancer 3D
4RB20511	Wheel Balancer 3D. 110V

MODEL	4RB20512
Rim Diameter	Hasta 28"
Rim Width	1.5" - 20"
Max Wheel weight	75 kgs.
Motor	1-Phase 230V 50/60 hZ
Designed for	Professional Wheel workshop
Display	LCD 17 "screen with 3D GRAPHICS system to control operations and easily read values
Main Specifications	<ul style="list-style-type: none"> <li>•Magnetic encoder instead of optical encoder</li> <li>• New digital sensor with automatic selection of programs</li> <li>• Available in L version with rim and line laser illuminator</li> <li>•Release brake and automatic positioning both on the outside to the inside.</li> <li>• Data entry wheel 28 internal probe "</li> <li>• 275 mm distance between the machine body and wheel bearing plane.</li> <li>• Tree diameter Ø40mm</li> <li>• Software generation</li> <li>• Opportunity to customize the DISPLAY, the key functions and language</li> <li>• Protection including wheel</li> <li>• Includes set of cones (Kit 3 pcs Ø 42 -. O104), butterfly quick clamp compass measurement and external probe.</li> <li>• Specific programs hidden and mobile plans weight ALU-P</li> <li>• Program rapid optimization calculations with better rim-tire coupling.</li> <li>• Includes external probe</li> <li>• Rotation speed 90-130 rpm</li> <li>• SCS system provided</li> <li>• Software System fine balanced for vibration and counter throws.</li> </ul>
Photo	 <p>SLUG system</p>

## WHEEL BALANCER

### OPTIONAL ACCESORIES

REF.	DENOMINACIÓN	4RB0051	4RB0251A	4RB2051
4803000	KIT 3 CONES DIA. 40-111MM		Serie	Serie
005841	KIT 3 CONES DIA. 40-157MM	Serie		
4803137	CONE DIA 95-137MM		•	•
4803175	CONE AXE 36 DIAM 95-175 mm	•		
4803200	TUERCA DE BLOQUEO RAPIDO. Opcional para 4RB0151,251,251A,351,451,2051		Serie	Serie
4803201	TUERCA DE BLOQUEO RAPIDO. Opcional para 4RB0751and 4RB0851A			
005848	TUERCA DE BLOQUEO RAPIDO	Serie		
4803300	QUICK RELEASE COLLET FOR 3-4-5-6 holes (wheels without central hole)		•	•
4803301	QUICK RELEASE COLLET FOR 3-4-5-6 holes (wheels without central hole)	•		
4803500	DISC PROTECTION	•		
4803501	DISC PROTECTION	•		
4803601	CONE DIAM. 120-170MM	•		
4803603	CONE DIAM. 120-170MM			•
4803700	CONE SPECIAL DIAM 57-67-73MM		•	•
4803801	MOTORBIKES ADAPTER		•	•
4803802	MOTORBIKES ADAPTER	•		
4804600	WHEEL HUB FOR D.12 FOR 4803800		•	•
4803900	WHEEL HUB FOR D.14 FOR 4803800		•	•
4804000	ADAPTER RIM HONDA		•	•
4804100	ADAPTER RIM BMW		•	•
4804200	ADAPTER RIM DUCATTI 916-996		•	•
4804300	ADAPTER RIM APRILIA		•	•
4804401	EXTERNAL GAUGE		•	•
4804500	PLIERS FOR WEIGHT FIXING / REMOVING	Serie	Serie	Serie

			
4800300 / 005841	4803137	4803200 / 005848	4803300 / 4803301
			
4803500	4803600	4803700	4803801 / 4803802
			
4803900 / 4804600	4804000	4804100	4804200
			
4804300	4804401	4804500	

## WHEEL BALANCER MACHINE FOR TRUCKS

MODEL	DESCRIPTION
<b>4RB05512</b>	Manual Wheel Balancer Machine

TECHNICAL CHARACTERISTICS	
<b>MODEL</b>	<b>4RB05512</b>
Rim Diameter	8"-20" Passengers Cars / 12" – 28" Trucks
Rim Width	1.5" - 16" Passengers Cars / 4"-20" Trucks
Motor	Single Phase 230V
Max. Wheel Diameter	1.320 mm
Max. Wheel Widht	800 mm
_Max. Wheel Weight	200 kgs.
Balancing Spin Speed	120 rpm Passenger Car / 80 rpm Trucks
Designed for	Professional Tyre Workshops
Main Specifications	<ul style="list-style-type: none"> <li>• Automatic Balancing Stop</li> <li>• Manual introduction of wheel geometric data</li> <li>• Ø40mm Diameter Axle</li> <li>• Latest Generation Software</li> <li>• Standard Programmes:                             <ul style="list-style-type: none"> <li>○ ALU-P PROGRAM (for alloy rims)</li> <li>○ OPTIMISATION PROGRAM (better coupling between rime and wheel reducing the imbalance and noise)</li> <li>○ SELF-CALIBRATION &amp; SELF-DIAGNOSIS PROGRAMMES</li> </ul> </li> <li>• Wheel Cover included.</li> <li>• Standard fittings: Cone kit (3 units Ø 40 - Ø111), butterfly nut and fixing pin.</li> </ul>



## WHEEL BALANCER

### WHEEL BALANCER AUTOMATIC MACHINE FOR TRUCKS

MODEL	DESCRIPTION
<b>4RB06512</b>	Wheel Balancer

TECHNICAL CHARACTERISTICS	
<b>MODEL</b>	<b>4RB0651</b>
Rim Diameter	7"-30" Passenger Car / 12"-30" Trucks
Rim Width	1.5" – 22" Passenger Car / 4" - 22" Trucks
Motor	Single Phase 230V
Max. Wheel Diameter	1.220 mm
Max. Wheel Widht	700 mm
Max. Wheel Weight	200 kgs.
Balancing Spin Speed	120 rpm Passenger Car / 80 rpm Trucks
Designed for	Professional Tyre Workshops
Main Specifications	<p>Electronic wheel balancer complete with built-in pneumatic lift and 2 different working environments: TRUCK for heavy and oversized truck wheels and CAR for car and light commercial vehicle wheels.</p> <p>Specifically conceived for industry professionals, is equipped with an automatic gauge for measuring the distance parameter and the automatic activation of the balancing cycle by lowering down the wheel cover or pushing the on-purpose button. It is, also, supplied complete with a wide range of software programmes to handle the most up-to-dated wheels on the market:</p> <ul style="list-style-type: none"> <li>• automatic detection of wheel classification (truck or car);</li> <li>• automatic search of the balancing position both for external and internal side of the rim;</li> <li>• 7 ALU programmes dedicated to alloy rims both in TRUCK and CAR environment;</li> <li>• "Opt" programme, to identify the best coupling between rim and tire thus reducing the overall running noise levels;</li> <li>• "Shift plane" and "Hidden plane" programmes for alloy rims;</li> <li>• multiple operator programme;</li> <li>• customization of display, language an key functions.</li> </ul>





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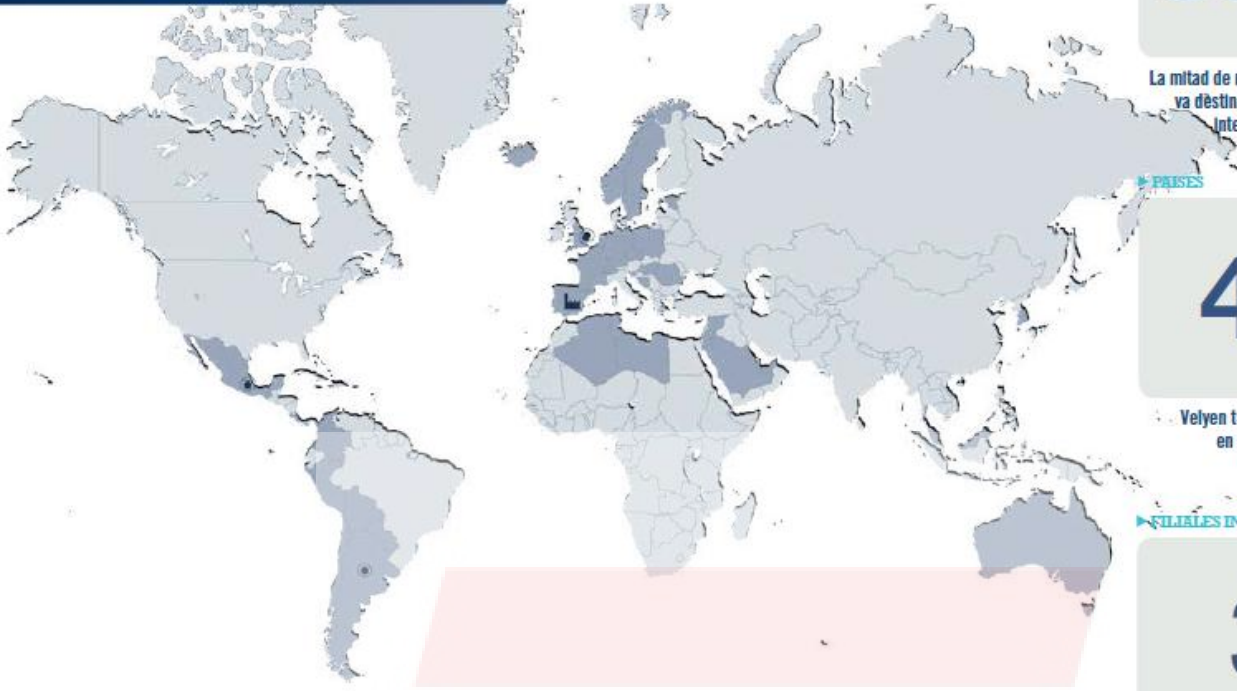
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Velyen tiene presencia en 42 países

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