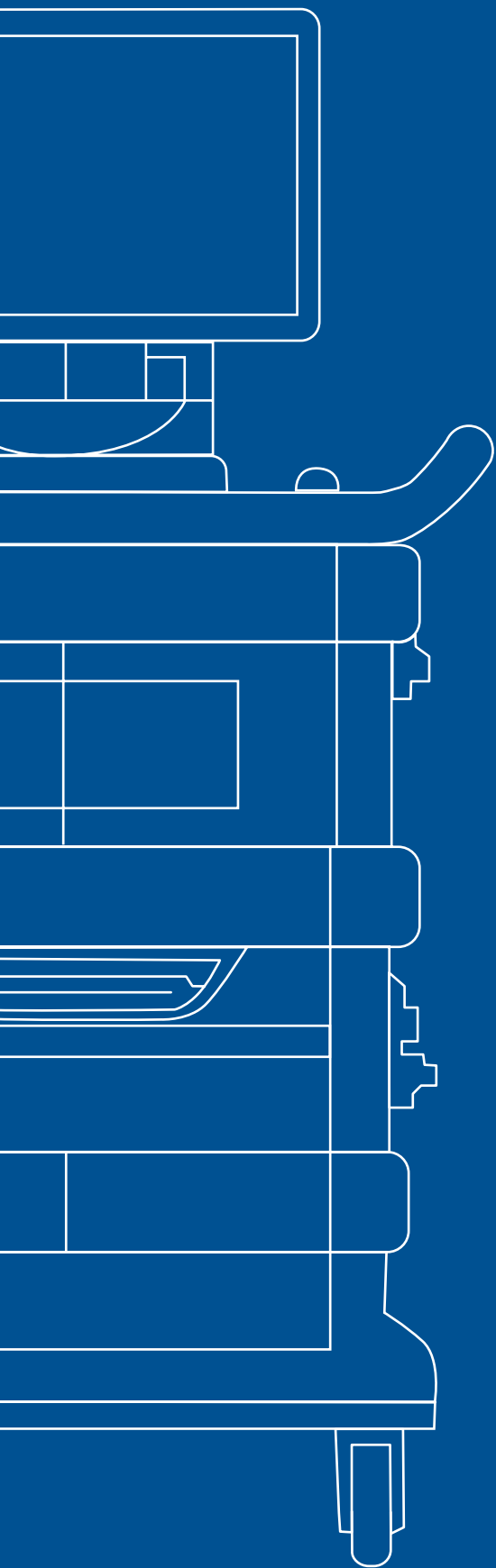


**WHEEL ALIGNERS**  
CCD aligners





## **Eco Cabinet:**

cabinet made with low environmental impact material

## **Compact design:**

extra-light CCD measuring heads weighing just 2.6 kg, -30% compared to the previous model

## **Smart technology:**

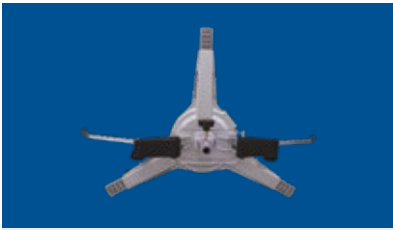
software with updated graphics, intuitive user interface, animations and adjustment aids so work is rapid and effective



Wheel aligners **equipped with CCD sensors, with data transmission via Bluetooth** and powered by fast-charge batteries. The trailer-mounted cabinet provides full mobility between work stations **as it is cable-free.**

# WHEEL ALIGNERS

CCD aligners



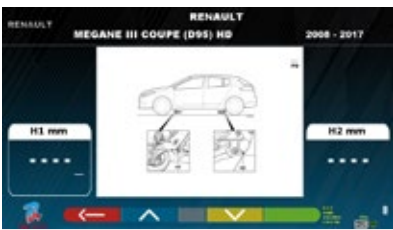
Models equipped with 3-point clamps (STDA35E) allow the run out compensation procedure to be skipped to speed up the operator's activity and maximise workshop efficiency.



Electronic steering procedure via the CCD sensors to get the incidence value and tilt of the upright with extreme precision.



The Spoiler Program for low profile sports cars steps in automatically and makes measurement possible without the use of accessories.



Based on the height of the frame, the database automatically changes the wheel alignment specifications.



With the use of animated 3D graphics, the Movie program helps the user display the sequence of operations to perform to properly adjust the vehicle.



The rapid diagnosis of the frame's misalignment allows any problems with the body or shift of the rear axle to be highlighted (on 8-sensor models only).



Program for managing and displaying data in Microsoft Windows environment.



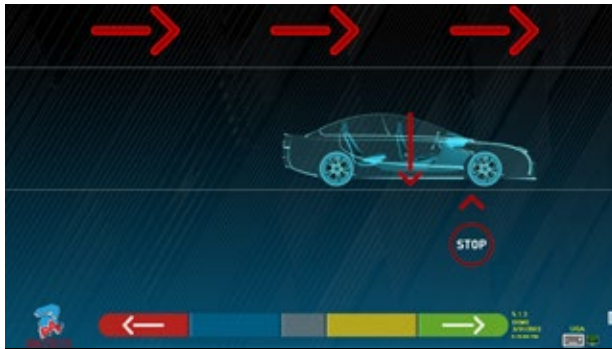
Databank with over 90000 vehicle technical data sheets.



Possibility for the user to manually enter new cars.



Customer databank for recording 20000 operations with search by name or vehicle plate number.



The Run out program is available to push the vehicle 30° (rapid compensation and in little off-centre space) without the need to lift the vehicle.



- Ø 500mm → 150mm
- Ø 600mm → 170mm
- Ø 700mm → 200mm
- Ø 800mm → 230mm

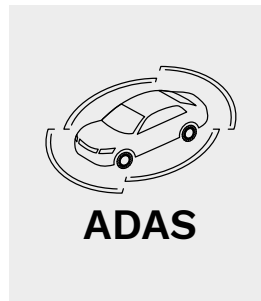


Model  
 RAVTD1760PWS

**Compatible with:**



Software platform for connecting shop equipment and for monitoring its use, managing preventive maintenance, sending reports by email and much more.



ADAS (Advanced Driver Assistance Systems) sensor calibration systems.



Token for consulting the car database online. Available in the following countries: Denmark, the Netherlands, Germany (KBA), Sweden, Italy, Spain, Portugal, Ireland, New Zealand, Australia, Norway and Finland. (Models may vary in the different countries.)

MODEL OVERVIEW			STANDARD EQUIPMENT			
Item no.	Color	Console composition	Encoder	CCD sensors	Clamps	
RAVTD1850PWS.3	RAV.TD185.700025	RAL5005	Computer- Keyboard Monitor 24"- Printer Battery charger	✓	8	3-point
RAVTD1780PWS.3	RAV.TD178.700384	RAL5005	Computer- Keyboard Monitor 22"- Printer Battery charger		8	3-point
RAVTD1780PWS.4	RAV.TD178.700087	RAL5005	Computer- Keyboard Monitor 22"- Printer Battery charger		8	4-point
RAVTD1760PWS.3	RAV.TD176.700391	RAL5005	Computer- Keyboard Monitor 22"- Printer Battery charger		6	3-point
RAVTD1760PWS.4	RAV.TD176.700100	RAL5005	Computer- Keyboard Monitor 22"- Printer Battery charger		6	4-point
RAVTD1850PWS.3	RAV.TD185.700650	RAL7040	Computer- Keyboard Monitor 24" - Printer Battery charger	✓	8	3-point
RAVTD1780PWS.3	RAV.TD178.700636	RAL7040	Computer- Keyboard Monitor 22"- Printer Battery charger		8	3-point
RAVTD1780PWS.4	RAV.TD178.700667	RAL7040	Computer- Keyboard Monitor 22"- Printer Battery charger		8	4-point
RAVTD1760PWS.3	RAV.TD176.700643	RAL7040	Computer - Tastiera Monitor 22" Stampante Caricabatterie		6	3-point
RAVTD1760PWS.4	RAV.TD176.700674	RAL7040	Computer- Keyboard Monitor 22"- Printer Battery charger		6	4-point

(Models may vary in the different countries.)

## WHEEL ALIGNERS

CCD aligners

**Measuring heads** with keyboard for remote control.



Power supplied by rechargeable **long-life batteries**.

**Infrared transmission** between measuring heads, effective even in critical lighting conditions.

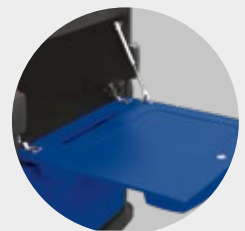
**LED synoptic repeaters** positioned on each measuring head.



The trailer-mounted console contains the **PC, printer and monitor**.

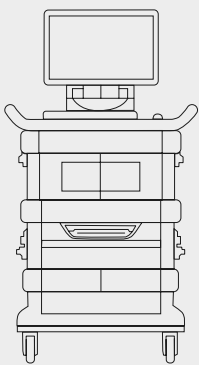
**Measuring head pin** assembled on a bearing that helps measurement precision. Encoder sensor to speed up push compensation when required. (RAV1850PWS model only)

Convenient compartment for **clamps and accessories**.

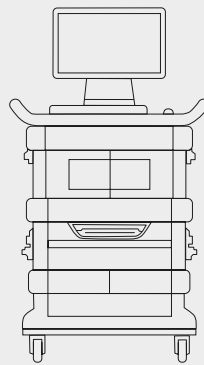
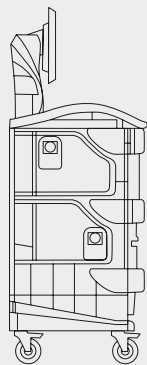


Model  
RAVTD1850PWS

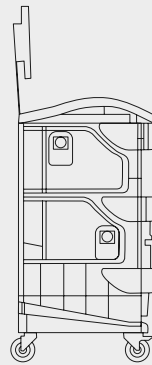
# Technical data



RAVTD1850PWS



RAVTD1780PWS-TD1760PWS



	<b>RAVTD1850PWS</b>	<b>RAVTD1780PWS</b>	<b>RAVTD1760PWS</b>
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°
Thrust angle	+/- 5°	+/- 5°	+/- 5°
Min. tyre size	8"	8"	8"
Max. tyre size	24"	24"	24"
Max. wheel base	4500 mm	4500 mm	4500 mm
Display	LCD	LCD	LCD
Display size	24"	22"	22"
Data transmission type	cordless	cordless	cordless
Measuring system	CCD	CCD	CCD
Sensor count	8	8	6
Power supply	230 V   50 - 60 Hz	230 V   50 - 60 Hz	230 V   50 - 60 Hz







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DRF27U(01)

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