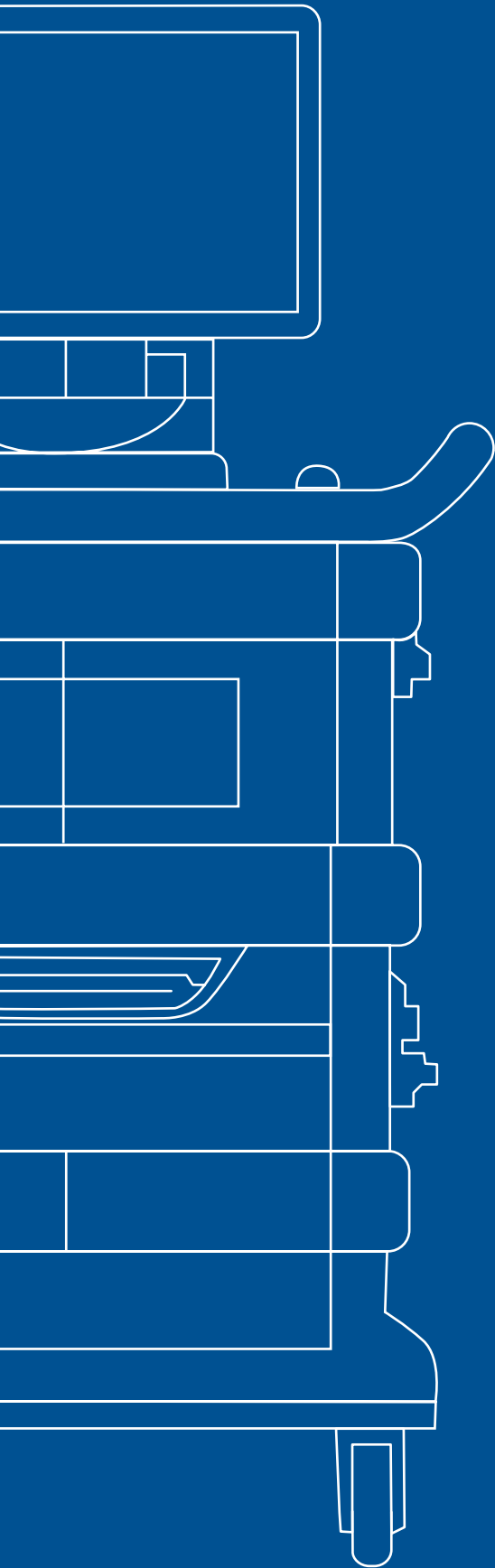


WHEEL ALIGNERS
CCD aligners





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:

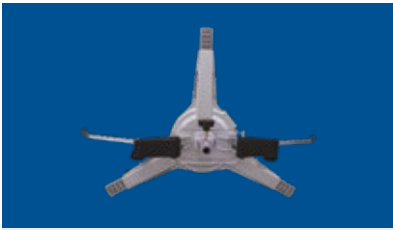
software with updated graphics, intuitive user interface, animations and adjustment aids so work is rapid and effective



Wheel aligners **equipped with CCD sensors, with avia 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



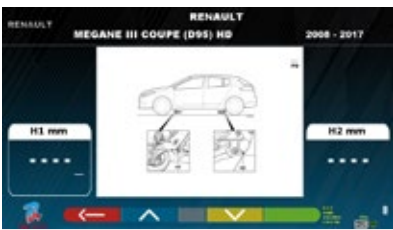
Models equipped with 3-point clamps (STDA35E) allow the run out compensation procedure to be skipped to speed up the operator's activity and maximise workshop efficiency.



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.

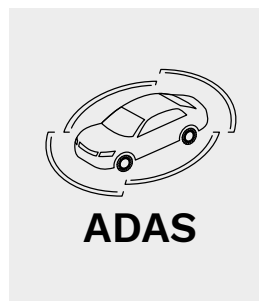
\varnothing 500mm → 150mm
 \varnothing 600mm → 170mm
 \varnothing 700mm → 200mm
 \varnothing 800mm → 230mm



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.)

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.

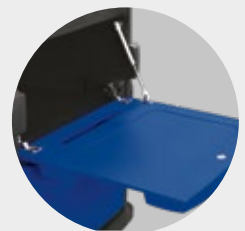
LED synoptic repeaters positioned on each measuring head.



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**.

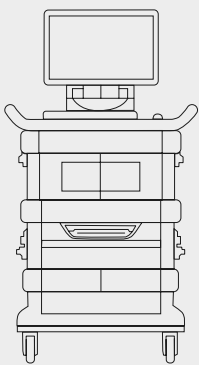


Model
RAVTD1850PWS

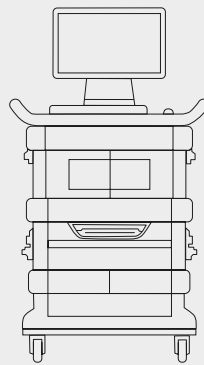
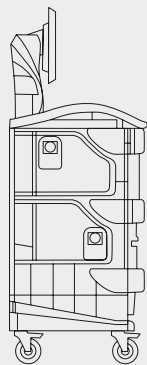
MODEL OVERVIEW			STANDARD EQUIPMENT			
	Item no.	Color	Console composition	Encoder	CCD sensors	Clamps
RAVTD1850PWS.3	RAV.TD185.700025	RAL5005	Computer- Keyboard Monitor 24"- Printer Battery charger	✓	8	3-point
RAVTD1780PWS.3	RAV.TD178.700384	RAL5005	Computer- Keyboard Monitor 22"- Printer Battery charger		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.)

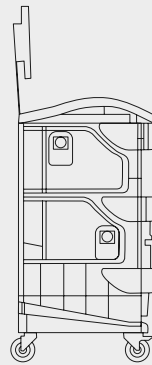
Technical data



RAVTD1850PWS



RAVTD1780PWS-TD1760PWS



	RAVTD1850PWS	RAVTD1780PWS	RAVTD1760PWS
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

Accessories

		1850PWS	1780PWS	1760PWS
	STDA35E Self-centring 3-point clamps with quick locking arms	S	See model overview	See model overview
	STDA33EU 4-point clamps	-	See model overview	See model overview
	STDA38K Set of quick locking arms to upgrade 4-point clamps (4 pieces)	-	See model overview	See model overview
	STDA124 Pair of premium turn tables HD Ø 360 mm	O	O	O
	S110A7 Pair of standard turn tables Ø 300 mm	S	S	S
	STDA110 Vehicle data bank	O	O	O
	STDA141 Token for Aligner Connect to use with on smartphones/tablets	O	O	O
	STDA141ADAS Advanced enabling of ADAS functions	O	O	O
	STDAShoot Token for consulting database on-line*	O	O	O
	10479 Brake pedal depressor	S	S	S
	STDA161 Steering wheel lock	O	O	O
	STDA158 WHEELALIGNMENT-ON Antenna for Wi-Fi connection	S	S	S
	STDA163 Calibration kit	O	O	O

*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.)

S Standard **O** Optional - Not applicable



RAV Italy

Vehicle Service Group Italy S.r.l.

Via Filippo Brunelleschi 9
44020 Ostellato (FE)
Italy

☎ +39.051.6781511
☎ +39.051.846349
✉ rav@ravaglioli.com

RAV France

RAV France SARL

4, Rue De Longue Raie
ZAC de la Tremblaie
91220 Le Plessis Pâté
France

☎ +331.60.86.88.16
☎ +331.60.86.82.04
✉ rav@ravfrance.fr

RAV Germany

BlitzRotary GmbH

Hüfingcr Straße 55
78199 Bräunlingen
Germany

☎ +49.771.9233.0
☎ +49.771.9233.99
✉ ravid@ravaglioli.com

RAV UK

Vehicle Service Group UK Ltd

3 Fourth Avenue,
Bluebridge Industrial Estate
Halstead, Essex, CO9 2SY
United Kingdom

☎ +44.1787.477711
☎ +44.1787.477720
✉ rav@ravaglioli.com

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