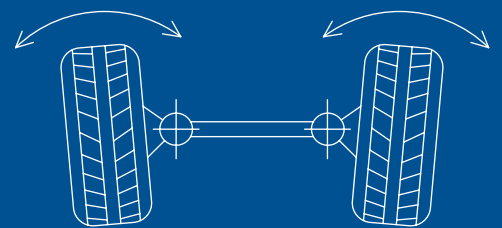


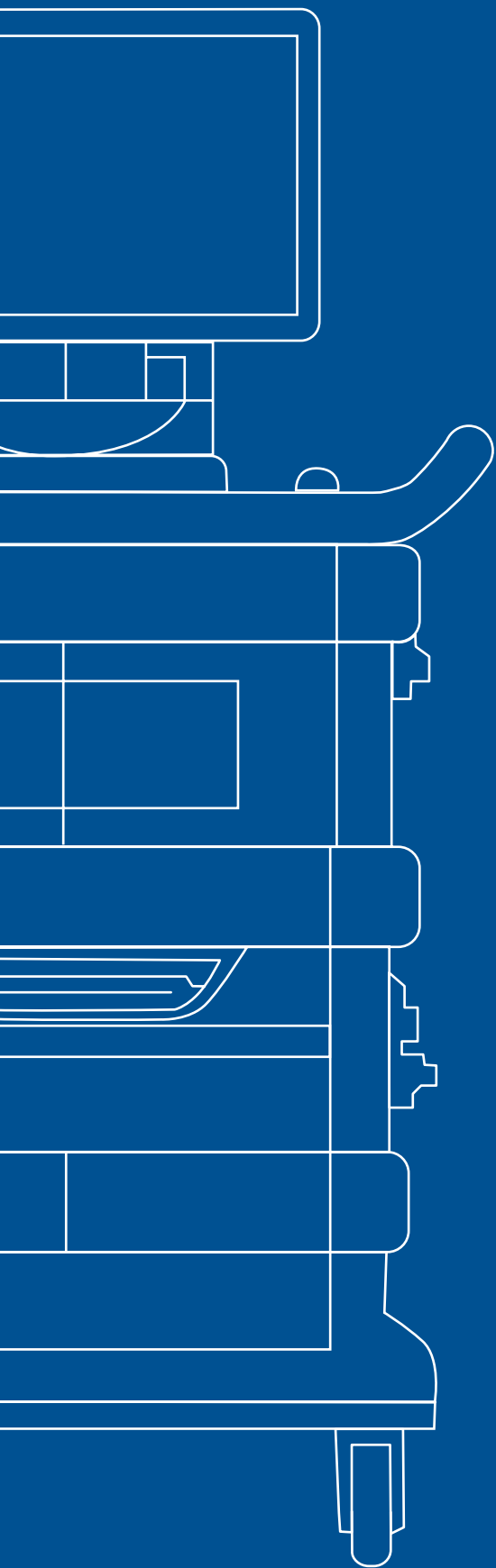
**WHEEL ALIGNERS**  
CCD truck aligners



 **Ravaglioli**



**RAV TD8080**  
PTWSR-PTWS  
**RAV TD8060**  
PTWSR-PTWS



## **Eco Cabinet:**

cabinet made with low environmental impact material

## **Portability without compromise:**

the new light and compact CCD measuring heads offer maximum convenience

## **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

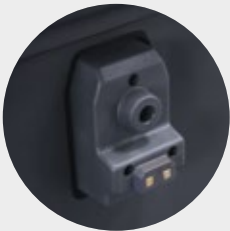
CCD truck aligners



The measuring heads complete with keyboard offer **simple and intuitive remote control**, without the need to access a PC or other device.



**Fast-charge docks** for measuring heads are positioned on the sides of the cabinet, making them accessible and easy to use.



The **STDA92 3-point clamps** allow the off-centre compensation procedure to be eliminated.

The **three LEDs** located on the detectors help during the diagnostic process.

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

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

**Convenient compartment** for clamps and accessories.

**Bluetooth transmission** between CCD measuring heads and the console with PC.



Model  
RAVTD8080PTWS




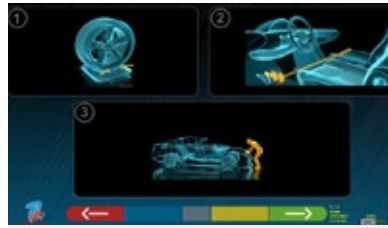
Program for managing and displaying data in Microsoft Windows environment.



International data bank with vehicle technical data sheets and possibility to create a customer database for adjustment recording.

**R versions:** the fastest solution for lowered vehicles.

Lowered measuring heads ideal for lorries and buses (TWSR models only).

The Movie program makes recording easier as its 3D animated graphics guide the operator during the procedure.

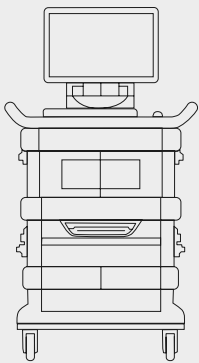


Vehicles with multiple axles can be measured simply and quickly. The guided procedure is easy to follow, even for less experienced operators.

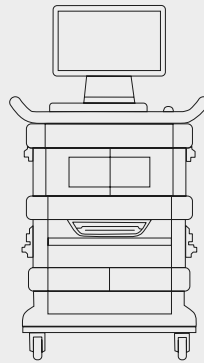
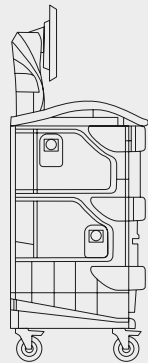
MODEL OVERVIEW		STANDARD EQUIPMENT			
Item no.	Color	Composizione console	CCD sensors	Clamps	
RAVTD8080PTWSR.4	RAV.TD808.700223	RAL5005	PC - Keyboard - Monitor 24"- printer - Battery charger		4 point
RAVTD8080PTWS.4	RAV.TD808.700209	RAL5005	PC - Keyboard - Monitor 24"- printer - Battery charger		4 point
RAVTD8060PTWSR.4	RAV.TD806.700339	RAL5005	PC - Keyboard - Monitor 22"- printer - Battery charger		4 point
RAVTD8060PTWS.4	RAV.TD806.700261	RAL5005	PC - Keyboard - Monitor 22"- printer - Battery charger		4 point
RAVTD8080PTWSR.3	RAV.TD808.700490	RAL5005	PC - Keyboard - Monitor 24"- printer - Battery charger		3 point
RAVTD8080PTWS.3	RAV.TD808.700414	RAL5005	PC - Keyboard - Monitor 24"- printer - Battery charger		3 point
RAVTD8060PTWSR.3	RAV.TD806.700469	RAL5005	PC - Keyboard - Monitor 22"- printer - Battery charger		3 point
RAVTD8060PTWS.3	RAV.TD806.700438	RAL5005	PC - Keyboard - Monitor 22"- printer - Battery charger		3 point
RAVTD8080PTWSR.4	RAV.TD808.700506	RAL7040	PC - Keyboard - Monitor 24"- printer - Battery charger		4 point
RAVTD8080PTWS.4	RAV.TD808.700513	RAL7040	PC - Keyboard - Monitor 24"- printer - Battery charger		4 point
RAVTD8060PTWSR.4	RAV.TD806.700520	RAL7040	PC - Keyboard - Monitor 22"- printer - Battery charger		4 point
RAVTD8060PTWS.4	RAV.TD806.700537	RAL7040	PC - Keyboard - Monitor 22"- printer - Battery charger		4 point
RAVTD8080PTWSR.3	RAV.TD808.700544	RAL7040	PC - Keyboard - Monitor 24"- printer - Battery charger		3 point
RAVTD8080PTWS.3	RAV.TD808.700551	RAL7040	PC - Keyboard - Monitor 24"- printer - Battery charger		3 point
RAVTD8060PTWSR.3	RAV.TD806.700568	RAL7040	PC - Keyboard - Monitor 22"- printer - Battery charger		3 point
RAVTD8060PTWS.3	RAV.TD806.700575	RAL7040	PC - Keyboard - Monitor 22"- printer - Battery charger		3 point

(Models may vary in the different countries.)

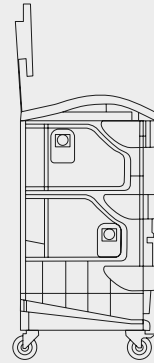
# Technical data



RAVTD8080







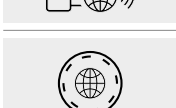


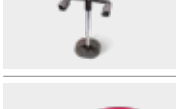

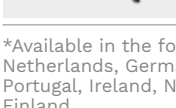



RAVTD8060



	<b>RAVTD8080 PTWSR</b>	<b>RAVTD8080 PTWS</b>	<b>RAVTD8060 PTWSR</b>	<b>RAVTD8060 PTWS</b>
Individual toe front/rear axle	+/- 20°	+/- 20°	+/- 20°	+/- 20°
Total toe	+/- 20°	+/- 20°	+/- 20°	+/- 20°
Toe-out on turns	+/- 20°	+/- 20°	+/- 20°	+/- 20°
Camber front/rear axle	+/- 10°	+/- 10°	+/- 10°	+/- 10°
Caster	+/- 18°	+/- 18°	+/- 18°	+/- 18°
SAI	+/- 18°	+/- 18°	+/- 18°	+/- 18°
Set-back	+/- 5°	+/- 5°	+/- 5°	+/- 5°
Set-back front axle	+/- 5°	+/- 5°	+/- 5°	+/- 5°
Thrust angle	+/- 5°	+/- 5°	+/- 5°	+/- 5°
Min. tyre size	12"	12"	12"	12"
Max. tyre size	28"	28"	28"	28"
Max. wheel base	15000 mm	15000 mm	15000 mm	15000 mm
Monitor	LCD	LCD	LCD	LCD
Display size	24"	24"	22"	22"
Data transmission type	cordless	cordless	cordless	cordless
Measuring system	CCD	CCD	CCD	CCD
Sensor count	8	8	6	6
Power supply	230 V   50 - 60 Hz	230 V   50 - 60 Hz	230 V   50 - 60 Hz	230 V   50 - 60 Hz

# Accessories

		TD8080PTWSR TD8080PTWS	TD8060PTWSR TD8060PTWS
	<b>STDA30E</b> Pair of 4-point truck self-centering clamps, for 12" - 28" rims Movable shaft. Tyre diameter min. 700 mm	<b>S</b>	<b>S</b>
	<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	<b>S</b>	<b>S</b>
	<b>STDA92</b> Pair of 3-point truck clamps with quick-locking arms, clamping on rim flange Tyre diameter from 890 to 1290 mm	-	-
	<b>STDA29L</b> Pair of turn tables for commercial vehicles	<b>S</b>	<b>S</b>
	<b>STDA124</b> Pair of 3D turn tables Standard on 3D models	<b>O</b>	<b>O</b>
	<b>STDA110</b> Vehicle data bank	<b>O</b>	<b>O</b>
	<b>STDA141</b> Token (software licence) to use with on smartphones/tablets	<b>O</b>	<b>O</b>
	<b>STDA141ADAS</b> Advanced enabling of ADAS functions	<b>O</b>	<b>O</b>
	<b>STDAShoot</b> Token for consulting database on-line	<b>O</b>	<b>O</b>
	<b>10479</b> Brake pedal depressor	<b>S</b>	<b>S</b>
	<b>STDA161</b> Steering wheel lock	<b>O</b>	<b>O</b>
	<b>STDA158</b> WHEELALIGNMENT-ON Antenna for Wi-Fi connection	<b>S</b>	<b>S</b>
	<b>STDA163</b> Calibration kit	<b>O</b>	<b>O</b>

\*Available in the following countries: Denmark, the Netherlands, Germany (KBA), Sweden, Italy, Spain, Portugal, Ireland, New Zealand, Australia, Norway and Finland.

**S** Standard    **O** Optional    - Not applicable



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