

Heavy Duty Equipment Selection

COMPANY
WITH QUALITY SYSTEMS
CERTIFIED BY DNV
=ISO 9001/2000=



Heavy Duty



MEMBER



SINCE 1958

service equipment

800.816.8138

ravamerica.com



Ravaglioli



Service equipment Since 1958

The Company / Factories

THE COMPANY was established in 1958 as a manufacturer of equipment for the automotive service and repair industry. The headquarters were in Bologna Italy, in a region where automotive manufacturing is concentrated.

In 1981 the company moved to its current headquarters at Pontecchio Marconi where, besides better production facilities, it found a suitable answer its need for more office space for management, technical and administration. New showroom, meeting and training facilities were also added. Subsequent expansion and modernization over an area of 860,000 sq. ft. provided the company with a working area of 345.000 sq. ft.

In 1997, a new production unit was set up at Ostellato (Ferrara), on a 650.000 sq. ft area, 95.000 sq. ft of which were first covered, and then extended to 195.000 sq. ft in 2006. The production lines of tire changers and balancers are located in this plant, as well as the main metal working division and the hydraulic pistons division.

Since 1998 a new unit is operational, for the production of wheel alignment and test lanes. The plant is located in Trana, on the outskirts of Turin, on a 110.000 sq.ft area, 50.000 sq. ft of which are covered.



In January 2000 the company obtained a UNI EN ISO 9001 certification for quality



RAV AMERICA

Our competence center for north America

Since 1985 we have been involved in the sales and service of automotive and heavy duty service equipment with a special focus on wheel alignment. Currently supporting equipment in 32 states, we understand the importance of prompt and professional service and response.

We are proud of our new association with RAV of Italy, one of the industry's foremost manufacturers. RAV America will be your primary contact for machines, parts, component exchange, technical support, computer and software service and training. We assume this role with a total commitment to your success. Our service will include:

- 100% quality assurance by additional testing of machines before shipping. Ample spare parts inventories with prompt shipping.
- Free technical support for the life of equipment. RAV America customer will be able to speak to one of our expert whenever help is needed.
- Computer and software service at the most professional level.
- Sales and service training. Advertising Program that is cost effective.
- Finance Programs for the RAV distributor.





4 MINUTE MEASUREMENTS

First Two axles Including Caster and SAI

1



Select vehicle from the database.

Updatable database of trucks, RV's, and busses.
Input your own data if desired.



2



Measure Angles for Vehicle Diagnosis

Front and rear camber and toe with thrust are measured automatically.
Caster and SAI turning routine requires less than 10 seconds.
Complete diagnosis is displayed for both axles

3



Install Wireless Sensors

BlueTooth Communication provides the fastest and most secure data transfer without wires, receivers, or antennas. Our communication is so stable that no back-up cables are included or needed. Operate the alignment program from any sensor head. Control panel on each head eliminates the need to walk back and forth to the console. Precision accuracy due to our CCD measuring system.



4



Measure Angles for Vehicle Diagnosis

Front and rear camber and toe with thrust are measured automatically.
Caster and SAI turning routine requires less than 10 seconds.
Complete diagnosis is displayed for both axles

THE WORLD'S FIRST BLUETOOTH TRUCK ALIGNERS



TOTAL DRIVE 8 SERIES Model TD8080T BTH

Standout Features

- Bluetooth Wireless Data Transmission.
- 8 camera, 360 degree measuring.
- Non runout 3 point wheel clamps.
- Premium cabinetry with head charging.
- Lightweight (8 lb.) sensor heads.
- Printer, 19" LCD display, keyboard.
- Data filing stores millions of printouts.
- Premium software including help images, trailer program, multi axles, busses and coaches, and light trucks.

TD8080T BTH | TFT 17" 8 CCD **Stocking Item**

TOTAL DRIVE 6 SERIES Model TD8060T BTH

Standout Features

- Bluetooth Wireless Data Transmission
- Non runout 3 point wheel clamps
- Deluxe cabinetry with printer drawer
- Lightweight (8 lb.) sensor heads
- Printer, 17" LCD display, keyboard
- Data files store millions of printouts
- Premium software including help images, trailer program, multi-axles, busses, coaches, and light trucks



TD8060T BTH | TFT 17" 6 CCD **Stocking Item**

WHEEL ALIGNERS

TOTAL DRIVE HYBRID SERIES



TOTAL DRIVE Hybrid SERIES Wired + Wireless MODEL TD5040T Hybrid

Standout Features

- Same precision CCD measuring.
- 4 camera optical system.
- Your choice of wheel clamps-non runout or runout type.
- Deluxe cart style cabinet.
- Two lightweight sensor heads plus two electronic targets.
- Printer, 17" LCD display, keyboard.
- Deluxe software including help images.
- Preloaded data base of vehicles plus ability to add and edit.
- Simple 4 key 1-2-3-4 operation from console or from any sensor head.

TD5040T Hybrid | TFT 15" 6 CCD | **Stocking Item**

Related Equipment and Accessories

STDA49 & STDA50A

Trailer Alignment Package

The Fastest and Most Accurate Trailer Alignments Ever.

Package Includes:

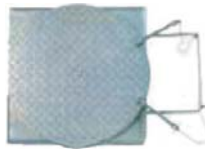
- Trailer kingpin fixture on casters.
- Two electronic focal point references.
- Necessary adapters.



Stocking Item

Super Duty Turn Plates STDA29

- Heavy coated steel
- 15,000 pounds per plate rating



Stocking Item

Four Point Clamps (Dayton) STDA30

Stocking Item



Non-Runout Fast Clamps STDA92



Stocking Item

TRUCK WHEEL BALANCERS

TRUCK VIDEO BALANCER HEAVY DUTY

BLUETECH GTL4 SmartBalancer Truck

Super duty machine with the precision of today's most accurate car machines. Heavy DC drive system, premium software on LCD display, pneumatic lift, and protective shroud. Simply add car and LT adapters for the complete combination balancer.



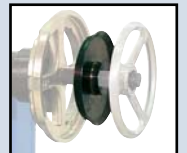
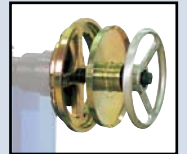
The Ultimate Truck, Car, LT Balancer



GTL4. 140HC

Stocking Item

STANDARD



(Ø 8" to 8 3/4"; 11")

OPTIONS for car balancing

- GAR 101 quick flange
- GAR 111 car cones
- GAR112 SUV adapter

TECHNICAL DATA	
Rim diameter	10" - 30"
Rim width	1.5" - 22"
Max wheel weight	440 lbs (200 kg)
Read-out accuracy	5 g (truck) - 1 g (car)
Cycle time	6 s.
Rotation speed (rpm)	80
Power supply	220 V - 1 ph
Shipping weight	460 lbs (210 kg)



Stop on top outside and inside plus air brake for quick operation

GTL4.140HC Automatic Operation



TRUCK WHEEL BALANCERS



STANDARD TRUCK BALANCER SUPER DUTY

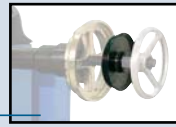
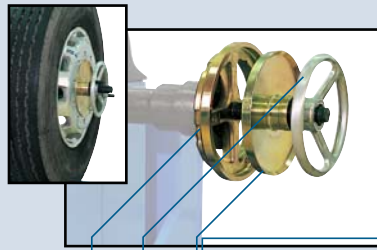
BLUETECH GTL2 Truck-Car-Lt. Truck

Same machine as GTL4.140H without flat screen display and shroud. Same DC drive system, lift, and capabilities. This is a precision workhorse for the fleet or tire shop. With Budd truck adapters.

TECHNICAL DATA	
Rim diameter	10" - 30"
Rim width	1.5" - 22"
Max wheel weight	440 lbs (200 kg)
Read-out accuracy	5 g (truck) - 1g (car)
Cycle time	6 s.
Rotation speed (rpm)	80
Power supply	220 V - 1ph
Shipping weight	460 lbs (210 kg)

GTL2.120HC **Stocking Item**

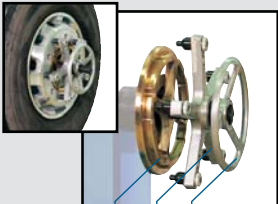
STANDARD



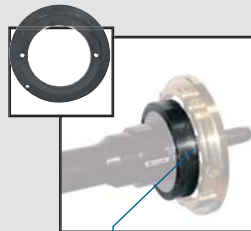
GAR 122 - GAR 103
GAR114 (Ø 7.95"-8.70"; 11.06")

Calibration kit

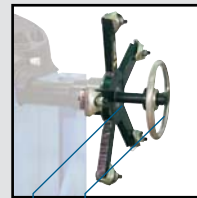
OPTIONS - TRUCK



GAR 122 - GAR 173 - GAR 103
GAR 171 (6.69"-7.32"-8.07"-8.74"-9.65")
GAR 172 (10.83"-11.22")
GAR 173 (8.86"-11.26"-13.19")

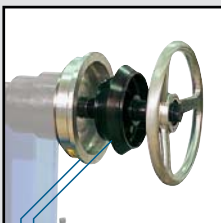


GAR 124
Spacer for GAR122
truck adapter



GAR 163 - GAR 103
GAR 161 22,5"-18" FISCHER (Europe)
GAR 162 20"-28" DAYTON (USA)
GAR 163 24"-28" DAYTON (USA)

OPTIONS - LT TRUCKS



GAR 113 (Ø 4.65"-6.85")

OPTIONS - CAR



GAR 111
(Ø 1.73"-4.09")
Car



GAR112
(Ø 3.74"-4.88")
Off-road vehicles



GAR 102
Quick clamp for
cars

WORLD'S FASTEST TRUCK TIRE CHANGER



TIRE TECH GTB16 BULLET

A new concept in truck tire changing, specially designed for tubeless tires. Extremely fast with simultaneous bead loosening operation. Four bead breakers make fast and simple work of mounting and demounting. Improve your efficiency up to 50% compared to other machines. 3 HP gearbox motor runs on 230 volt 3 phase power. Super singles too.

TECHNICAL FEATURES	GTB 16
Maximum wheel diameter	24,5"
Minimum wheel diameter	17"
Gear box motor	3 HP
Max diam. central hole	11 1/2" (288 mm)
Min diam. central hole	3 1/2" (85 mm)
Power supply	3 ph - 220 v
Rotating speed	10 rpm
Dimensions	71" x 36" x 75" (1800x910x1900mm)
Shipping weight	1350 lbs (615 kg)



The world's fastest truck tire changer



GTB16
Stocking Item

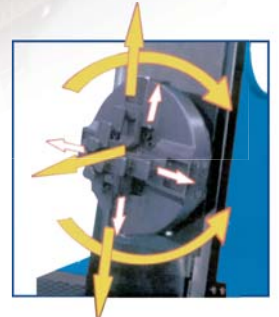
Demounting



Mounting



Improves shop's efficiency up to 50%



OPTIONS



G108A2
Jaws for alloy wheels



G90A6
Bead-locking clamp for alloy rims



G108A8
Plastic coated rings kit

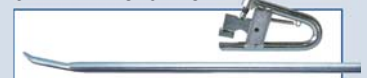


G108A7
Jaws for Dayton wheels



G108A9
Plastic tool protection

STANDARD G102 - G97



STANDARD GTB16 - G96



G108 A3 Patented truck lever

TIRE CHANGER FOR INDUSTRIAL, AGRICULTURAL AND EARTHMOVING WHEELS

GTB12 TUBELESS TRUCK TIRE CHANGER

Special Order TIRE TECH GTB12



Tubeless Truck Tire Changer
Double bead breaker roller makes quick work of mounting and demounting tubeless tires for trucks and most light commercial vehicles. Center hub mounting safely handles alloy wheels without damage.

TECHNICAL DATA	
Chucking unit rotation motor (kW)	1.1
Hydraulic drive unit motor (kW)	0.75
Rim diameter	14" - 24.5"
Max. wheel diameter	51"
Max. allowed wheel width	19"
Weight (lb)	948



External arm with tool and roller

G102.15 - automatic tool
G102.15M - manual tool positioning

Special Order

SUPER DUTY 57"

TIRE TECH G102

Electrohydraulic tire changer for trucks, agricultural and earthmoving vehicles with rims between 14" and 57". The dimensions and capacities are such as to ensure maximum efficiency for the entire range of tires. The two-speed rotation chucking table can accommodate rims up to 46" without extensions. It also features an adjustable pressure device to regulate clamping force.

TECHNICAL DATA	
Chucking unit rotation motor	3 hp
Hydraulic drive unit motor	2 hp
Rim Ø	11"-42"
Rim Ø with G108A1	11"-57"
Max. wheel Ø	95"
Max. allowed wheel width	50"
Shipping weight	2240 lbs (1020 kg)



G102.15



G97.52 / G97.11

Special Order

HEAVY DUTY

TIRE TECH G97

Electrohydraulic tire changer for trucks, agricultural and earthmoving vehicles. The dimensions and capacities are such as to ensure maximum efficiency for the entire range of tyres. The two-speed rotation chucking table can accommodate rims up to 38" (G97/52) and 42" (G97/56) without extensions. It also features an adjustable pressure device to regulate clamping force.

TECHNICAL DATA	G97/52	G97.11
Chucking unit rotation motor		3 hp
Hydraulic drive unit motor		2 hp
Rim Ø	12"-38"	12"-42"
Rim Ø with G97A2	12"-53"	12"-57"
Max. wheel Ø	87"	
Max. allowed wheel width	38 1/2"	42 1/2"
Shipping weight	1800 lbs (820 kg)	1950 lbs (885 kg)



LIFTS



ALIGNMENT SCISSOR LIFT

Famous RAV quality in a heavy duty scissor. 40,000 lbs. lifting capacity with 354" runway length. Turntables recessed and included.

RAV 718P	40000 lbs	354"
RAV 725NP	50000 lbs	354"
RAV 718P	73000 lbs	354"

RAV 718P

Special Order



GENERAL SERVICE SCISSOR LIFT

Same RAV quality in a higher capacity and longer scissor. Lifting capacity to 120,000 lbs. with runway length up to 700".



RAV 745

Special Order

Call RAV America for a custom quote on these heavy duty scissor lifts.



DUO HEAVY DUTY SCISSOR LIFT

Twin scissors lifts. Can be equipped to fit your application



Duo lift allows single or combined use.

RAV 733 DUO

Special Order



RAV HEAVY DUTY TRUCK LIFTS

MOBILE COLUMN LIFTS

Available in sizes up to 22,500 lbs. per column.

RAV 242

Four column set of 16,000 lbs. each. System can be operated from any post.

RAV 270 A1

Adjustable stands allows vehicle to be safely supported while columns are used to lift another vehicle. Adjustable up to 70".

RAV 242	4 x 16000 lbs
---------	---------------

Stocking Item



Reliable and safe mechanical screw type design



RAV HEAVY DUTY FOUR POST

RAV FOUR POSTS

The famous RAV quality in a variety of four post designs. Weight capacities from 10,000 to 55,000 pounds. Call RAV America for a custom quote on the four post lift that exactly fits your needs.

KP 442 NE	30000 lbs	315"
KP 442 E	45000 lbs	315"

Special Order



Shaft transmission between right and left posts grant perfect level.

Ravaglioli



COMPANY
WITH QUALITY SYSTEMS
CERTIFIED BY DNV
=ISO 9001/200=



EXPORT TO MORE THAN 130 COUNTRIES

OUR MISSION

Our goal is to provide the highest quality products and services at the most competitive prices possible. Our commitment is to your satisfaction and success.

RAV AMERICA
800.816.8138
info@ravamerica.com
www.ravamerica.com



110 Plaza W
Texarkana, TX 75501

800-816-8138