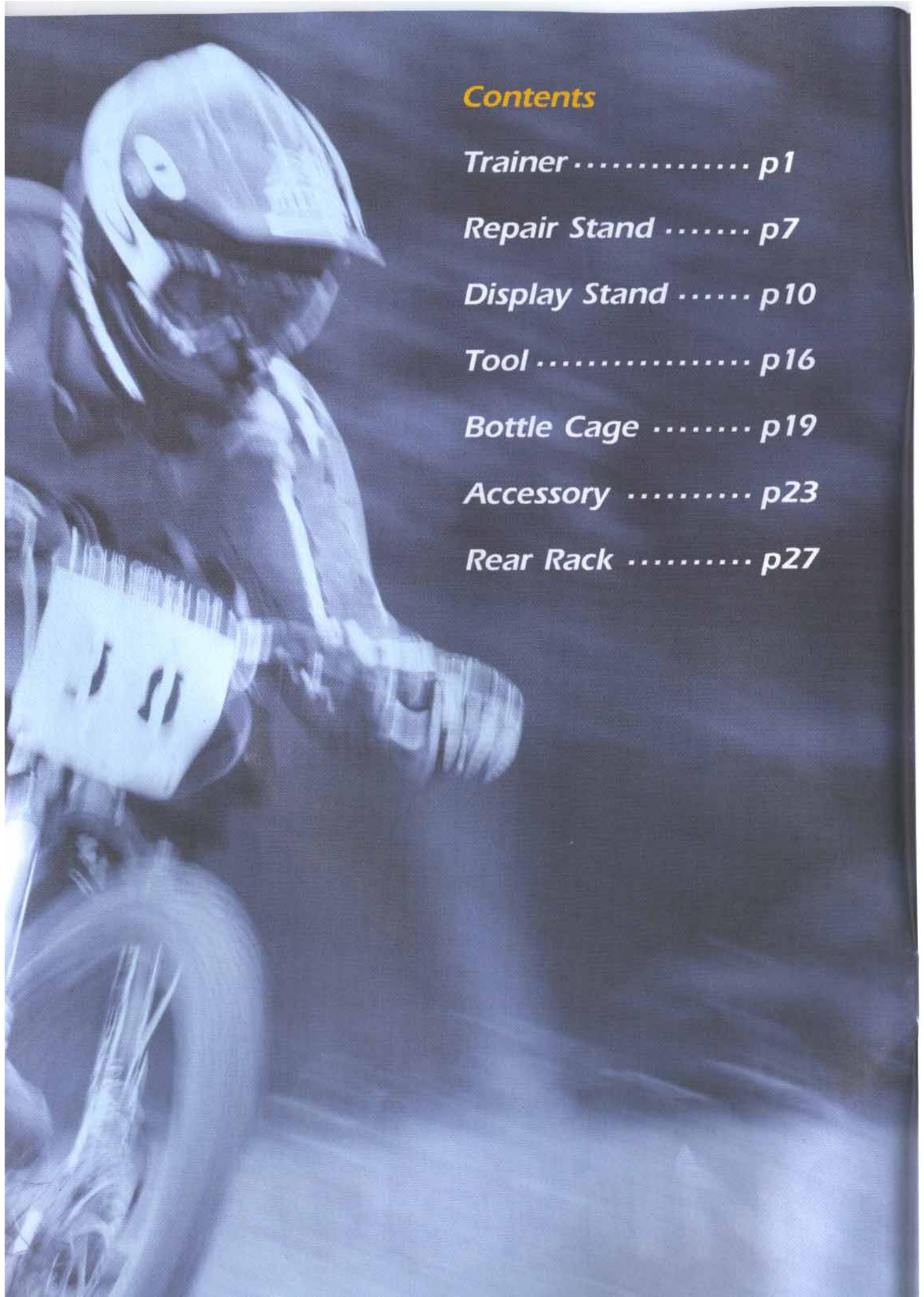
A group of cyclists in a race, with a focus on a cyclist in the foreground wearing a white helmet and a jersey with the number 29. The image is overlaid with a blue, wavy, translucent pattern.

**2006
ADVANCED
PRO GOODS**

MINOURN



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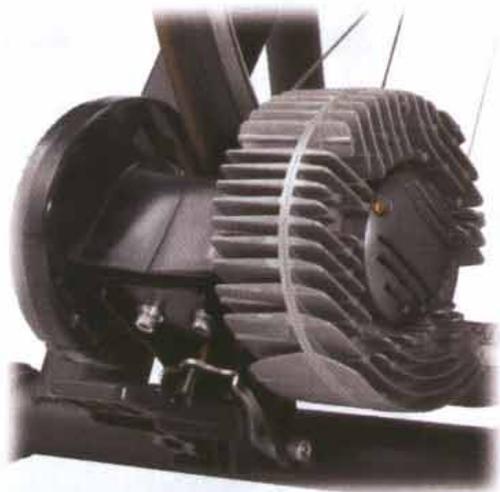
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Tire Drive vs Rim Drive



A stationary bicycle trainer is the standard for training when weather or other factors keep you from riding outside. Tire drive and rim drive trainers are the most well known systems on the market today.

A tire drive unit generates resistance when the tire of your bicycle comes in contact with the roller of the trainer's unit. Tire drive models offer the closest real road feel available. Tire drive trainers generate more noise due to variances in tires and even in riding styles. It is crucial that only a completely slick tire be used with any tire drive system. Using any other tire like a knobby mountain bike tire or even a road tire with some pattern in the tread will cause an uneven and perhaps dangerous training experience.

The rim drive system offers an effective solution to some of the issues found in tire drive trainers. This system was developed, patented, and sold exclusively by Minoura. In having the resistance generated at the rim of the bicycle wheel, the rim drive system allows the use of any kind of tire since the tire never comes in contact with the trainer's roller. This eliminates the need to change a knobby tire out for a slick tire in order to use a trainer.

The flywheel on the resistance unit spins at a very high speed to counterbalance the energy being created and helps provide a natural, smooth feel. Minoura encloses every flywheel for maximum safety and performance.

All Minoura trainers are compatible with most 24" and all 26" and 700c bikes. Our trainers are not 29" compatible. A quick release skewer is provided to guarantee a perfect fit with our specially designed couplings. You may use your own Q/R, but we guarantee a proper fit only with our supplied skewer.

NEW

VFS Variable Fluid System

VFS (Variable Fluid System)

- The VFS represents the pinnacle of current Minoura technology. In combining a fluid and magnetic unit, we've developed an extremely smooth and quiet trainer that offers expanded levels of resistance.
- Specially designed double cup (patent pending) internal vane system moves the fluid through the unit to powerfully generate exponential resistance while the magnetic side helps to balance the unit by increasing the power range of the system.
- Minoura's heaviest ever 1.5 kgs machined steel flywheel insures that you get the smoothest spin in any range.
- Cast alloy casing and unique shell shaped design disperses heat evenly while moving air over the unit.
- A convenient foot pedal engages/disengages the roller in seconds.
- Minoura offers a 2-year warranty on the resistance unit and a 5-year warranty on the frame.
- Non-remote model only.
[Weight: 9.0 kgs]



VFS Fluid side



VFS Flywheel / Mag side



VFS Foot Pedal



MINOURA

Trainer

Repair Stand

Display Stand

Tool

Bottle Cage

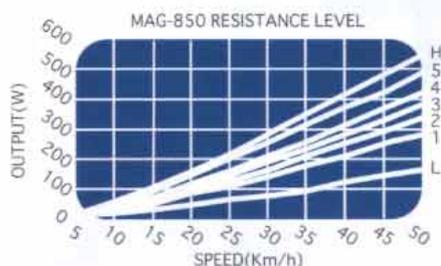
Accessory

Rear Rack

MAG 850

MAG-850-LW

- A mid level tire drive trainer using Minoura's patented magnetic resistance unit. A great trainer for serious road riders.
 - Silent and with a wide range of resistance, the magnetic resistance system allows high-speed/low-resistance training to improve your pedaling skills.
 - A heavy 850 gram machined steel flywheel provides a smooth feel while pedaling.
 - Lightweight and stable wide span leg steel frame folds away for easy storage or transport.
 - Foot pedal engages/disengages the unit quickly.
 - May use a 24" wheel by installing the included "Z" adapter.
 - Available with or without a remote shifter.
 - 5-year limited warranty on the Mag unit and frame.
- [Weight: 7.9 kgs (remote) / 7.6 kgs (non-remote)]

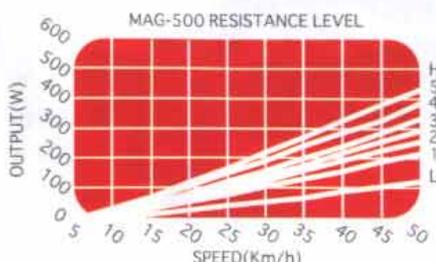


Small Wheel Adapter

MAG 500

MAG-500 / MAG-500-LW

- The standard for entry level trainers. A great for beginner or budget trainer.
 - 500 gram flywheel works the same as the MAG-500's big brother, the MAG-850.
 - Wide and stable legs welded to a steel frame provide a stable base. The MAG-500 allows the use of a 24" wheel without the use of an adapter.
 - "LW" model has an adjustable left side hub coupling to make wheel alignment even easier (not shown here).
 - Available with or without a remote shifter.
 - 5 year limited warranty on both the frame and Mag unit.
- [Weight: 5.8 kgs (remote) / 5.5 kgs (non-remote)]



Modified

MINOURA

Trainer

Repair Stand

Display Stand

Tool

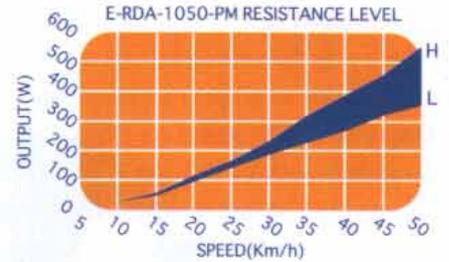
Bottle Cage

Accessory

Rear Rack

E-RDA-1050R-PM (PowerMatic)

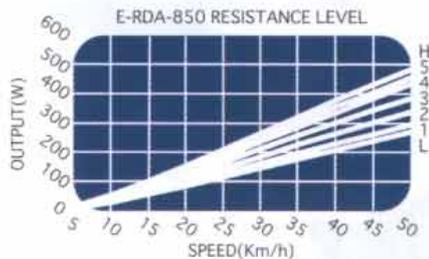
- Our top patented Rim Drive model.
 - The unique PowerMatic magnetic resistance unit provides an exponential resistance level that you dictate through your pedaling stroke. Set the limit of resistance by using our "Torque Limiter" lever to get high-speed/low-resistance training not possible on any other trainer.
 - Heavy 1,050 gram machined steel flywheel provides a super smooth pedaling experience along with a noiseless training session. All the hallmarks of our RDA systems.
 - Fits all wheels from 24" to 27"/700c.
 - Available with remote only.
- [Weight: 8.5 kgs]



E-RDA-850-LW

- Mid level rim drive trainer for every level. Great for road or MTB riders.
- Super stable wide splayed legs and steel frame.
- Heavy 850 gram flywheel provides a smooth and natural pedaling stroke.
- Fits 24"-27"/700c wheels.
- Available as a dial or remote model.

[Weight: 8.2 kgs (remote) / 8.0 kgs (non-remote)]



Mag Riser 3

- Optional leveler block that raises your front wheel so it's level with the trainer.
- Double cut out design works with 26" and 27"/700c wheels. Not for use with a 24" wheel.

[Weight: 205 grams]



Remote Shifter Kit

- Optional upgrade kit makes a dial version trainer into a remote version. Two kits are available, one for Mag-500/850 and one for the E-RDA series.

[Weight: 430 grams (for MAG-500 & MAG-850) / 220 grams (for E-RDA-850)]



for MAG series

for E-RDA series

Training Mat

- Soft urethane mat that protects your floor from the rigors of training inside.
- At 6mm thick, the Training Mat reduces noise and vibration during your workout.

• Size: 1,900 x 750 mm

[Weight: 2.3 kgs]



Safe-T Net 2

- 100% cotton net that catches your sweat so it doesn't corrode your bike.
- New cut out for easy computer viewing.

[Weight: 42 grams]

NEW



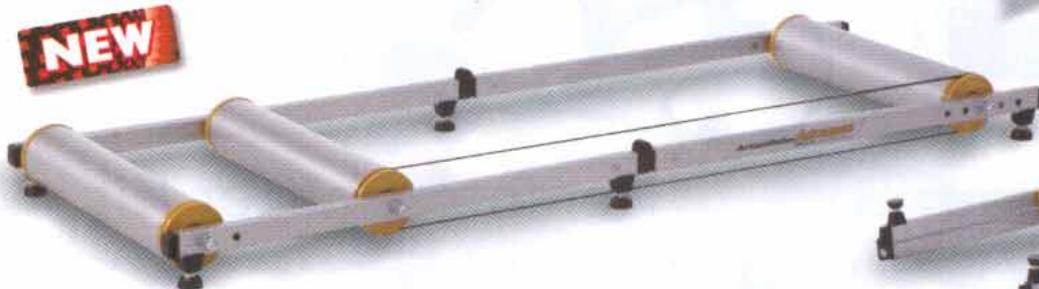
Action Roller Advance

Action Roller Advance

- New, triple drum roller for improving your pedaling stroke. Especially helpful for intermediate and advanced level riders.
- Lightweight and rustproof foldable alloy frame for easy transport and storage.
- Newly designed 80mm diameter roller drums generate a more natural resistance than previous rollers.
- The optional Front Wheel Guard and Foot Step help you in getting on/off the rollers and staying on them when pedaling.
- Standard (375 mm wide) and wide (465 mm wide) models are available. [Weight: 4.6 kgs (standard) / 4.8 kgs (wide)]



NEW



AC-Pro

- Our professional grade roller. Incorporates a much heavier frame and roller covers for greater stability and inertia.
- Exclusive, retractable foot step makes getting on/off the AC Pro safe and easy.
- Folding frame makes storing or transport easy. [Weight: 25.0 kgs]



NEW

Action Bridge 2

- A stable, front fork support device for those just getting started with rollers.
- Your front Q/R is encased in soft urethane to help protect your front fork.
- Compatible with both our standard and wide rollers.
- Folding frame makes storing or transport easy.

[Weight: 1.3 kgs]



MINOURN

Modified

RS-5000

- Lightweight, folding alloy frame repair stand. Easy to carry and store.
- "Mega-Bite 2" jaws insure easy operation in opening/closing by using only one lever.
- Our jaws rotate 360 degrees, insuring you the proper work angle.
- The jaws are also height adjustable between 830 mm and 1,340 mm.
- Set up and breakdown take mere seconds.
- New mid frame tool tray has 24 holes and slots to hold the tools you use most. The tray also rotates around the stand so it's always where you need it to be.

[Weight: 5.0 kgs]



W-3000

- Our most popular mid level steel repair stand.
- No tools are required to assemble the W-3000.
- The W-3000 uses the same jaws as our high-end RS-5000.
- Clamp height is 1,300 mm from the floor.
- Multi slot tool tray is available as an option.

[Weight: 5.0 kgs]



W-3000B



- A fantastic value in a workbench mounted stand.
 - Comes with a table clamp to easily attach to a workbench or table.
- [Weight: 3.3 kgs]

W-3000V



- Want a vise mounted repair stand? This is it!
- [Weight: 3.2 kgs]

W-400 Gazy

- Minoura's heavy-duty repair stand.
 - A high-pressure gas cylinder system is used to assist you in lifting heavy bicycles.
 - Clamp jaw height is fully adjustable between 750 mm and 1,305 mm, making it easy to adjust to your position.
- [Weight: 13.5 kgs]



SS-600 Spinning Stand

- Work on your bike while attached to the stand. Spins freely making derailleur adjustments super easy.
- Same durable steel frame as our Mag-500 trainer. [Weight: 3.6 kgs]



UMA-500 Bike Horse

- Stably mounts your bike by clamping the front or rear wheel and your bottom bracket.
- Great for full maintenance and bike assembly.
- Caster wheels help move the stand with or without a bike on it.
- Folds away for compact storage. [Weight: 8.4 kgs]



MINOURN

Bike Tower 3



- Two level easy-to-use indoor bike stand.
- Beautiful clear-coated titanium color is lightweight and rust proof.
- Bike Tower 3's self supporting main pillar telescopes up to your ceiling and stays there by using an inner spring.
- Newly designed bike cradle hook has a durable steel skeleton covered by soft rubber to guard your bikes finish.
- Compatible with most oversize and monocoque frames.
- Standard kit includes two bike cradles. Bike Tower 3 will support up to 4 bikes. Additional cradles may be purchased separately.

[Weight: 3.2 kgs]

Modified

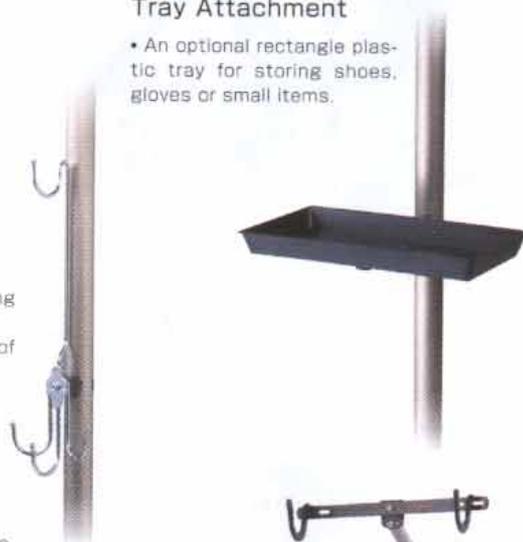
Extra Bike Cradle

- Optional hook set for an additional bike.
 - Can be used on both BikeTower and Pair-Stand series stands. Also it can be used on Closet-Cyclist and BikePit, too.
- [Weight: 600 grams]



Hook Attachment

- An optional hooks for storing cycling wear, helmet or shoes.
- One attachment has a total of 4 hooks.
- Chrome plated finish.



Tray Attachment

- An optional rectangle plastic tray for storing shoes, gloves or small items.

Extra Long Cradle Bar

- An optional 230mm longer horizontal flat bar of the bike cradle.
 - For mounting longer or sloping design frame bikes.
- [Weight: 320 grams]

P-500AL Pair Stand 2

- Self-standing display stand for up to two bikes.
- Lightweight alloy main pillar is clear coated and titanium anodized.
- Upper cradle adjusts in two positions.
- Lower cradle is fully adjustable.
- K-shaped legs is designed to set up next to a wall.
- Uses same oversized cradle as Bike Tower 3.

[Weight: 5.2 kgs]



Modified



P-600AL Closet Cyclist 2



- Space saving vertical stand that utilizes lightweight alloy for the main pillar.
 - Hang the bike from the top hook and rest the other end against the lower support hook.
- [Weight: 5.5 kgs]

NEW

DS-4000

- A space saving display stand great for shop or home.
 - Insert front wheel into the cradle and the bike is fully supported.
 - Extra cradle for road wheels included.
- [Weight: 10.2 kgs]



Modified



Level-170H



- Easy-to-use bike rack holds bikes by the saddle nose.
 - 1,700 mm long bar can hold up to 5 bikes.
 - By adjusting the pivot position, you can use your own favorite long bar with any diameter between 25mm and 38mm.
 - Assembles and disassembles quickly without the need for tools.
 - Durable steel frame.
- [Weight: 11.0 kgs]



MINOURA

Modified

Vergo / Vergo-S

- Bike mount base in a station wagon or minivan for easier and safer transportation.
- Non-slip rubber pads and anti-rolling stabilizer are under the body.
- Vergo includes 2 standard front fork Q/R's.
- Add one more mount (optional) and hold 3 bikes securely.
- Vergo-S is for a single bike.
- The fork mount is angle adjustable to save the space in the vehicle.

[Weight: 4.3 kgs (Vergo)
/ 2.4 kgs (Vergo-S)]



Vergo



Vergo-S



Q/R Fork Mount

DH Fork Mount



- An optional front fork mount holder for Vergo.
 - Q/R Mount is fully compatible with any quick release skewer for front wheel, and DH Mount is compatible with 20mm thru axle.
- [Weight: 0.8 kgs / (Q/R) 0.7 kgs (DH)]

Front Wheel Support Arm

- A holder for the removed front wheel of the bike on Vergo.
 - The wheel is held securely to avoid scratch problem to the bike during drive.
- [Weight: 0.9 kgs]



Gravity Stand

- The simplest and easiest way to store up to two bikes in your room.
 - Just lean the Gravity Stand against the wall and load your bikes.
 - Oversize rubber padded cradle hooks your bike gently and securely.
 - The angle and height of the bike cradle are adjustable (Top: 1,840 – 1,920 mm, Low: 940 – 1,020 mm) without tool.
 - Made of steel tubing in painted finish.
- [Weight: 5.2 kgs]



MINOURA

Trainer

Repair Stand

Display Stand

Tool

Bottle Cage

Accessory

Rear Rack

Bike Hanger 4

- Convenient bike storage hook which bolts on the wall or pillar.
- Folding frame takes less space when not in use.
- Angle adjustable cradle can store your bike horizontally.
- Use the lower hook to store a helmet or other gear.
- Made of steel with rustproof ED painted finish.

[Weight: 1.1 kgs]



DS-500

- Store your bike easily by the seat and chain stays using the DS-500.
- Soft vinyl coated hooks won't hurt your bike's finish.
- Folds away in seconds for quick storage.

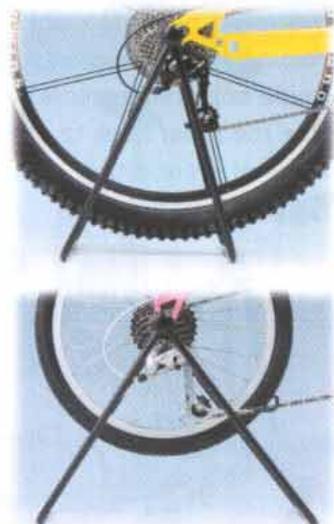
[Weight: 1.0 kgs]



MINOURA

DS-30BLT / DS-30AL

- Lightweight and foldable rear hub clamping type display stand. DS-30BLT is made of steel tubing and DS-30AL is made of alloy tubing.
- Easy to use height adjustment fits wheels ranging in size from BMX to MTB and road bikes.
- The hub coupling design fits most quick release skewers and hub nut.
[Weight: 670 grams (DS-30BLT) / 420 grams (DS-30AL)]



DS-80



- Foldable rear hub clamp type display stand for more stability than DS-30 series.
- The bent arm allows you to maintain the rear derailleur without removing the stand from the bike.
- Made of steel tubing.
[Weight: 450 grams]

971-3 / 971-4

- The stair type bike storage rack.
- Bikes are supported at the BB shell and both tires. The BB support is height adjustable.
- Optional Caster Kit allows you to move the rack easily.
[Weight: 8.5 kgs (971-3) / 13.0 kgs (971-4)]



971-3



971-4



CASTER KIT

DS-120

- The combination of high and low height wheel support frames.
- Made of steel with rustproof ED painted finish.

[Weight: 1.4 kgs]

NEW



DS-110 ConnectRack 2 / DS-110H

- Connectable wheel support type bike storage stand.
- Simply insert either front or rear wheel into the frames then the bike will stand alone.
- The frame width is adjustable to fit up to 2.35" tire.
- DS-110H is the high mount position adaptor to save the space when connected.

[Weight: 1.3 kgs (DS-110) / 1.0 kgs (DS-110H)]



DS-110



DS-110H



COMBINATION



MINOURA

Workman Pro w/ Tri-Gauge



- Portable wheel truing stand comes with a device for checking the center position of the measuring gauge.
- Auto-centering mechanism keeps any wheel in the almost center of the stand for easier operation. But a wheel dishing gauge is necessary for precise adjustment.
- Fits all wheel from 16" to 28".
[Weight: 2.6 kgs]



Tri-Gauge



Wheel Assembly Kit

- A complete kit combined with "Workman Pro" wheel truing stand, "FCG-310" wheel dishing gauge and "NW-100" spoke wrench.
- Comes with in-depth instructions manual for assembling and adjusting bike wheel.
[Weight: 3.0 kgs]



Workman Jr.

- Economical model of wheel truing stand for both front and rear wheel.
- The measuring gauge is exactly as same as for the upper model "Workman Pro". It can measure both vertical and horizontal shaking of the wheel.
[Weight: 2.6 kgs]

FCG-310

- Lightweight and foldable alloy wheel dishing gauge to check the wheel center.

- Fits various sized wheel between 18" and 27"/700c by changing the black plastic gauge position.

Also it fits wide hub up to 140 mm.

[Weight: 310 grams]



on 26" / 700c wheel



on Wider Hub wheel



on 18" wheel

NW-100

- A spoke nipple wrench with 3 different sizes in unique hard-to-loose hex body design.

- Heat-treated metal jaws in a plastic body.

- Only for brass nipples.

We don't recommend using NW-100 on alloy nipples.

[Weight: 19 grams]



ATL

- Light and bulletproof tire levers for the torque you need to get those tough beads on your wheels.

[Weight: 38 grams / pc]



CCH-1

- A handy device that helps to hold the ends of your chain and frees your hands to finish the job.

- Made of heat-treated steel with chrome plated finish.



Handy Pak 6 / 14 / 14ct

NEW

- Brand new design.
- Smooth, and slim body slips easily into a jersey pocket.
- Fits solidly into your palm for excellent grip.
- Tools are made from heat treated CrV with size indicators on most wrenches.
- Detachable chain tool (Handy Pak 14CT only) is made of stainless steel for long life.



Handy Pak 6



Handy Pak 14



Handy Pak 14CT

Handy Pak Spec Matrix

		Handy Pak 6	Handy Pak 14	Handy Pak 14CT
Hex Wrench	1.5mm		●	●
	2mm	●	●●	●●
	2.5mm		●	●
	3mm	●	●	●
	4mm	●	●	●
	5mm	●	●	●
	6mm	●	●	●
	8mm		●	●
Torx Wrench	T-25		●	●
Screwdriver	Phillips	●	●	●
	Flat		●	●
Spoke Wrench	14G/15G		●	●
Tire Lever			●	●
Chain Tool				●
Weight		g	g	g

AB100-4.5 / AB100-5.5 Dura-Cage

Additional colors



- Minoura's longest and best selling cage finely crafted from exclusive #2017 Super Duralumin.
 - 4.5 are the perfect choice for weight conscious road riders while MTB riders prefer the 5.5.
 - Two mounting screws included.
 - New powder-coated colors include black, white, blue, red, yellow and orange.
- [Weight: 36 grams (4.5) / 52 grams (5.5)]

PC-500 PET-Cage Mini 2

- The economic model of bottle cage for 500 ml PET bottle (not compatible to standard bike poly bottle).
 - Made of #5056 light alloy.
- [Weight: 45 grams]

NEW



AB-1500 PET-Cage

- A large bottle cage for 1.0 – 1.5 liter PET soft drink bottle.
 - The bottle head clip is height adjustable and can be operated quickly to clamp/release the bottle.
 - Made of lightweight and durable #2017 super duralumin.
- [Weight: 130 grams]



AB-500 PET-Cage Mini

- A bottle cage for 500 ml PET soft drink bottle.
 - The rubber ring holder is height adjustable and provides quick operation.
 - Made of #5056 light alloy.
- [Weight: 54 grams]



BH-95N

- Our best seller single water bottle cage holder with useful universal stainless band that fits any diameter between 22 mm and 35 mm.
- Fits any position of the handlebar or seat-post by changing the bracket direction.
- Made of rustproof stainless steel.
- Two bottle cage mounting screws included.

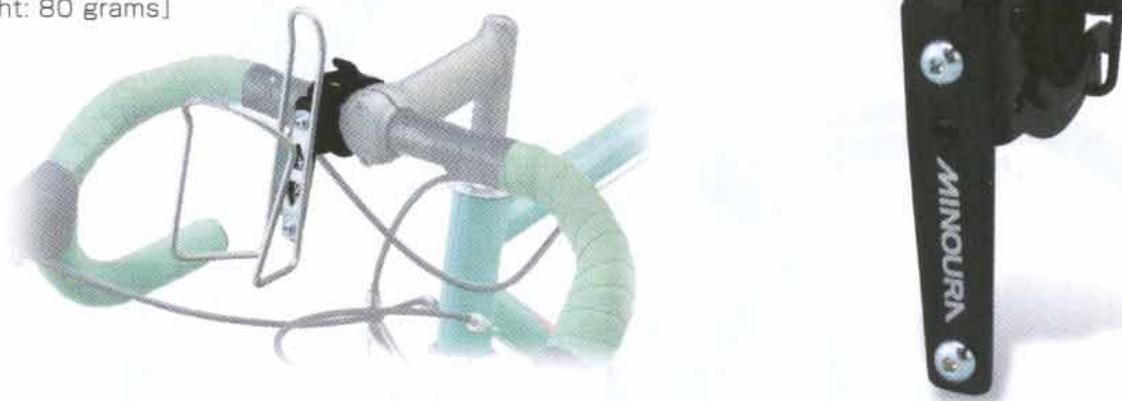
[Weight: 47 grams]



QB-90

- Single water bottle cage holder with quick release mechanism.
- Fits 22 mm and 25 mm diameter (not universal).
- Rustproof ED painted finish.

[Weight: 80 grams]



BH-60

- Single water bottle cage holder on the handlebar (normal size only).
- The two U-shaped mounting bolts allows you to install BH-60 in the exactly center of the handlebar beyond the stem.

[Weight: 65 grams]



MINOURA

SBH-80

- Saddle rail mounted single water bottle cage holder.
[Weight: 80 grams]



SBH-300 / SBH-300U

- Saddle rail mounted dual water bottle cage holder. Good for triathlon.
- Made of lightweight and durable #2017 super duralumin in titanium color anodized finish.
- SBH-300U is the high-mount type.
[Weight: 135 grams]



SBH-300



SBH-300U

SG-100N / SG-100NL Space Grip 2

- Convenient device for creating extra space on the handlebar for accessories.
- SG-100N has 100 mm width bar for up to 2 items, and SG-100NL has 140 mm width for up to 3 items. The alloy tube is position adjustable in 30 mm horizontally.
- Lightweight plastic and alloy combination.
- The universal stainless steel band clamp fits any diameter between 22 mm and 35 mm.

[Weight: 79 grams (SG-100N) / 98 grams (SG-100NL)]



SG-100N
"Space-Grip 2"



SG-100NL
"Space-Grip 2 Wide"



SG-200 / SG-200L

Swing Grip

- The extra accessory holder device with sleek alloy stay.
- Unique angle adjustable arm allows you to mount Swing-Grip even on the stem to save the space on the handlebar.
- Two different width of the bar in 100 mm and 140 mm (the length is same).

[Weight: 79 grams (SG-200) / 98 grams (SG-200L)]



SG-200
"Swing-Grip"



SG-200L
"Swing-Grip Wide"



LH-50 **Béssó**

- A mini headlight holder on the front fork end where will not disturb the light beam to save your space on the handlebar.
 - The universal stainless steel band clamp fits the diameter between 22 mm and 38 mm.
 - Not recommended to use on any carbon fork and tapered fork.
- [Weight: 34 grams]



LH-100 Down Grip

- A headlight holder for mounting on either in front or underneath the front basket.
 - The inside plate is designed to have flat surface to avoid any damage to the items in the basket.
- [Weight: 78 grams]



AMT-9000 / 9100 / 9200

- Lightweight alloy (AMT-9000) or alloy tubular (AMT-9100 & 9200) rear rack for touring.
- Telescoping and rotating fully adjustable stay mount fits most frames solidly and firmly.
- Optional extra long mount stay kits are available.
- Black powder coated finish.

[Weight: 650 grams (9000) / 590 grams (9100) / 840 grams (9200)]



AMT-9000



AMT-9100



AMT-9200



RBH-1000

- The new business bag carrier on the rear rack for easy transportation.
 - Length and width are adjustable.
 - Rubber strap comes in standard.
 - Made of soft vinyl coated steel in black or silver.
- [Weight: 1.5 kgs]

NEW



MINOURN

Trainer

Repair Stand

Display Stand

Tool

Bottle Cage

Accessory

Rear Rack

New Comers



NEW

P 02 VFS (Variable Fluid System)



Modified

P 03 MAG-500 / MAG-500-LW



NEW

P 06 Action Roller Advance



NEW

P 06 AC-Pro



NEW

P 05 Safe-T Net 2



Modified

P 07 RS-5000



Modified

P 10 Bike Tower 3



P 10 P-500AL Pair Stand 2



NEW

P 12 Gravity Stand



P 11 P-600AL Closet Cyclist 2

NEW

New Comers

P 12 Vergo / Vergo-S



Modified



NEW

P 12 Front Wheel Support Arm

P 15 DS-120

NEW



Modified

P 11 DS-4000



P 13 Bike Hanger 4

NEW



NEW

P 19 AB100-4.5 / AB100-5.5 Dura-Cage



P 19 PC-500 PET-Cage Mini 2

NEW



NEW

P 27 RBH-100



P 18 Handy Pak 6 / 14 / 14ct

NEW



MINOURA

MINOURA JAPAN HEADQUARTERS

1197-1 Godo, Anpachi, Gifu 503-2305 Japan
Phone (+81) 584-27-3131 / Fax (+81) 584-27-7505
minoura@minoura.jp
<http://www.minoura.jp>

 **BikeSportz**
IMPORTS

BIKE SPORTZ IMPORTS

23 Industrial Drive, Braeside, Victoria 3195 AUSTRALIA
Phone (03) 9586-1600 / Fax (03) 9587-6951
<http://www.bikesportz.com.au>

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