

GAITHER

GAITHERTOOL.COM



2013 PRODUCT CATALOG



FEATURING THE ALL NEW

BEAD BAZOOKA

PG 3

ABOUT US

Gaither Tool Company, Inc. founded in 1988, is an international organization committed to serving the tire and trucking industry. It invents and manufactures convenient tools and systems needed to service and maintain tires and wheel assemblies.

Gaither Tool Company, Inc. continually invests in research and development to bring to its customers the most effective tools in the business. It strives to improve efficiency and reduce costs for customers all over the world working in truck maintenance shops as well as on-the-road tire service providers. Bandag, Euromaster/Michelin, Bridgestone's First Stop, The United States Armed Forces ... just to name a few.

Gaither supplies products to customers in over 100 countries, selling through exclusive and nonexclusive distributors. Gaither Tool Company, Inc. is headquartered in Jacksonville, Illinois, U.S.A. In 1997 it opened a branch office located in Roosendaal, Holland to better serve the European market. In 1999 that office was incorporated in Holland and Gaither Europe BV was started. Gaither's manufacturing plant and warehousing for International distribution is located in Tai Chung, Taiwan.

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CHANGING THE WAY THE WORLD CHANGES TRUCK TIRES

BEAD BAZOOKA®/ CHARGING STATION

SEE PAGE 15 FOR SPARE PART INFORMATION

SCAN TO WATCH



ALL NEW

BEAD BAZOOKA® BB6L



- Automatic Rapid Air Release System makes it the most powerful standard inflation product in the market
- Smaller than competitive inflation tanks which allows for easier handling in shop and service truck
- Light weight (12.25 lbs.) reduces stress on technician
- Push button trigger allows technician to keep both hands on the tank for more control, making it safer than manual release tanks
- "Slotted" Double Barrel directs the air for best overall lift
- Fully ASME, CE, TUV & CRN certified
- Patent-pending design, patent-pending Automatic Rapid Air Release System and registered trademark

BEAD BAZOOKA® XL BB9L

- Automatic Rapid Air Release System makes it the most powerful standard inflation product in the market
- XL model provides more volume for even larger tires, including some Ag & OTR sizes
- Light weight (15 lbs.) reduces stress on technician
- Push button trigger allows technician to keep both hands on the tank for more control, making it safer than manual release tanks
- "Slotted" Double Barrel directs the air for best overall lift
- Fully ASME, CE, TUV & CRN certified
- Patent-pending design, patent-pending Automatic Rapid Air Release System and registered trademark



FASTER - SAFER - MORE POWER



BEAD BAZOOKA® CHARGING STATION BBH-01

FUNCTIONAL AND SAFE

- Convenient: Allows technicians to store the Bead Bazooka® near the working area without leaving it on the floor
- Ease of Use: Allows technicians to fill the tank while it's in the holster and offers a direct view of the pressure gauge
- Protects the tool from dropping, being kicked, broken components, etc.
- Helps keep the shop clean and safer
- Accessory hooks are convenient for airlines, tire wedges, etc.

TIRE INFLATION PRODUCTS

BEAD BOOSTER® GB-5Z

This unit will work on all light truck, RV, large truck, and some agricultural tires. The Bead Booster® features a safety pop-off valve to prevent overfilling, and a set of goggles and earplugs for protection.

All of Gaither's Bead Booster® tanks are ASME, CE and CRN approved and certified.

Bead Booster® GB-5Z is available for private label programs.

See page 15 for spare part information.



HOW THE BEAD BOOSTER® GB-5Z WORKS

Gaither's Bead Booster® is designed to assist in the inflation of tubeless tires by setting the bead with a quick release of air pressure. To use the Bead Booster® efficiently, simply fill the tank to the necessary pressure and attach an air line to the valve stem of the wheel. Then aim the barrel between the tire bead and wheel flange, and release the manual valve in order to allow a blast of air to set the bead.

AUTOMATIC BEAD BOOSTER® GB-5ZA

The Automatic Bead Booster® features an Automatic Valve instead of the slower, more awkward manual release valve. The Automatic Bead Booster® is completely portable and compact for use on any service truck. It also features a safety pop-off valve to prevent overfilling, and a set of goggles and earplugs for protection.

All of Gaither's Bead Booster® tanks are ASME, CE and CRN approved and certified.

See page 15 for spare part information.



HOW THE AUTOMATIC BEAD BOOSTER® GB-5ZA WORKS

Gaither's Automatic Bead Booster® is designed to assist in the inflation of tubeless tires at a high level of efficiency. Simply fill the Automatic Bead Booster® to the necessary pressure and attach an air line to the valve stem of the wheel. Then aim the barrel between the tire bead and wheel flange. Instead of using a manual release valve, press the trigger located on the tank handle to allow an instantaneous blast of air to set the bead. Because the automatic valve releases the air much faster, less air pressure is necessary in the tank and is therefore much more efficient than manual units.

INFLATION ACCESSORIES



BEAD BOOSTER UPGRADE KIT GAVTK

Gaither's Booster Upgrade Kit turns any manual release tank into an efficient push-button Booster! Simply replace the manual valve with the Automatic Valve and Double Barrel, attach the push-button trigger to the handle, fill and fire! The Automatic Valve releases the pressurized air 20% faster than a manual valve, therefore requiring less pressure and making any tank much safer.

INFLATION TOOL ACCESSORIES

KD stand (GB-51) sets bottom bead on difficult tires,
Air Whip Hose (GB-52) enables a continuous flow
of air to the tire, Tire Wedge (GB-53) props tire near
valve stem.



The Inflation Tool Accessories work with the
Bead Booster® and Bead Bazooka® products.

TIRE CHANGING PRODUCTS



BEAD SAVER SYSTEM® 12880/12880-E

The patented design of Gaither's Bead Saver System® has become the industry standard for changing tubeless truck tires. By using simple principals of leverage, the Bead Saver System® actually works with the tire and rim to do the work for you, in less time, with less strain, at a fraction of the cost of tire changing machines. The Bead Saver System® mounts and dismounts all tubeless truck tires from 17.5" up to 24.5" and all super singles. It's the safest, fastest, and easiest way ever invented to change tubeless truck tires – guaranteed not to damage tire beads.

There are two versions of the Bead Saver System® in order to accommodate all tubeless tires. The standard version of the Bead Saver System® (12880) is recommended for all standard sized tubeless truck tires. The deluxe version of the system (12880-E) may be necessary for super singles and wide based tires, as well as problematic tires. The deluxe system includes a Clevis Assist (A) and extra Beadkeeper® (B) in addition to the pieces found in the standard system.

HOW THE BEAD SAVER SYSTEM® 12880/12880-E WORKS

1. Apply Super Slick'em™ before you remove the valve core.
2. The first bead is dismounted with the clevis and lever bar crook end.
3. The second bead is dismounted using the Beavertail.
4. The first bead is mounted using the lever bar spoon end.
5. The second bead is also mounted using the lever bar spoon end and the Beadkeeper®.
6. Two Beadkeepers® can be used for a very stiff tire.

GAITHER TOOL-J1™ J-1

The Gaither Tool-J1™ is a slightly altered and condensed version of the original Bead Saver System®. The J1 is a 2-piece system that mounts and dismounts all standard 19.5", 22.5" and 24.5" tubeless tires up to a 315/80R22.5, including those mounted on aluminum wheels. It differs from the original system in that each process is done completely while the tire is flat on the ground. It is no longer necessary to stand the tire up in order to dismount the second bead! *Gaither Tool-J1™*

Includes: The J-1 bar, and 1 Wide Clevis #12902-W

HOW THE GAITHER TOOL-J1™ WORKS

1. The first bead is dismounted with the clevis & crook/spoon end.
2. The second bead is dismounted with the J-1 end without picking the tire up.
3. The first bead can be mounted with the spoon end.
4. Two Beadkeepers® can be used to assist with mounting.



TIRE CHANGING PRODUCTS



PLATINUM DEMOUNT TOOL 12100

Gaither's Platinum Demounting Tool offers a popular design and proven functionality for any tire shop. The Demounting Tool is a one-piece tool that dismounts all standard 22.5" and 24.5" tubeless tires without having to lift the tire/wheel assembly. Includes: Gaither's Handle Protector.

See page 14 for spare part information.



HOW THE PLATINUM DEMOUNT TOOL 12100 WORKS

1. The first bead is dismounted by inserting the rollers and pulling the bar over.
2. Take the bar back over to its original position so the rollers fall below the second bead.
3. Pull the bar over again to fully dismount the second bead.

MOUNT TOOL 12200

HOW THE MOUNT TOOL 12200 WORKS

1. The first bead is mounted using the end of the Mount Bar.
2. The second bead is mounted using the end of the Mount Bar and two Beadkeepers®.



WIDE BASE DEMOUNT TOOL 12300

Gaither's Wide Base Demount Tool is designed to work on wide base super single tires.

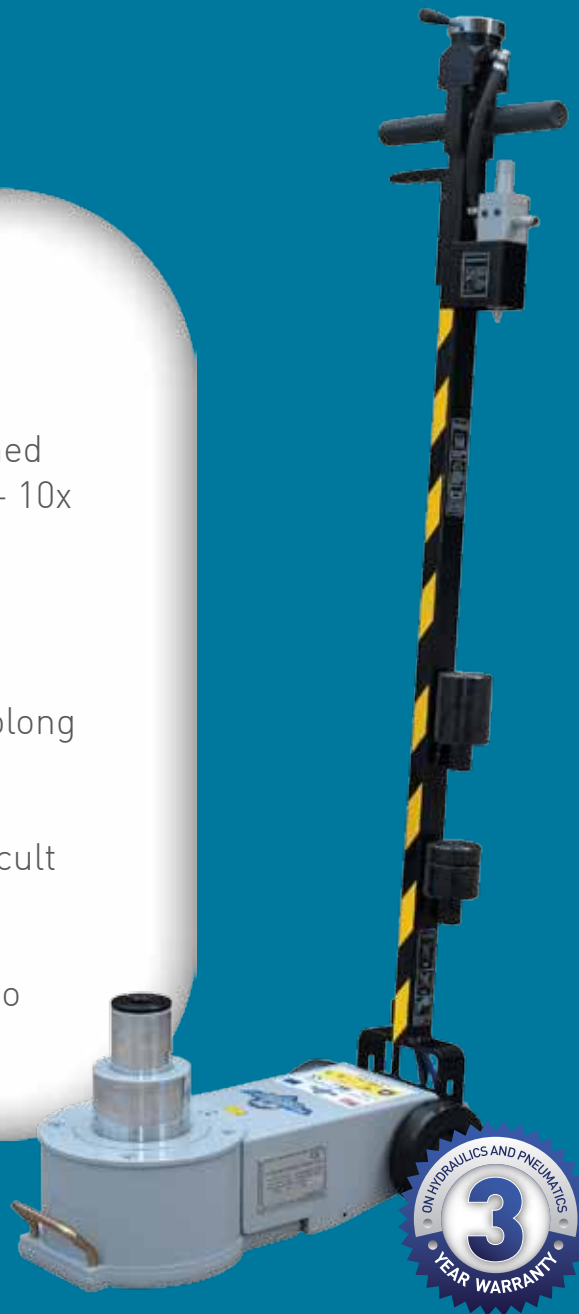


HOW THE WIDE BASE DEMOUNT TOOL 12300 WORKS

1. The first bead is dismounted by inserting the rollers and pulling the bar over.
2. Take the bar back over to its original position so the rollers fall below the second bead. It may be necessary to use a block of wood to help prop up the second bead on super single tires.
3. Pull the bar over again to fully dismount the second bead.

GT SERIES JACKS

- Every "GT Series" Professional Jack is designed to withstand a minimum of 30,000 lift cycles – 10x more than standard service jacks!
- Includes a 3 year warranty.
- Built-in air regulator and water separator prolong the life of the jacks.
- 35 Ton minimum capacity makes it more difficult to overload with too much weight.
- Long handle and truer balance make it easy to maneuver under a vehicle.



GT3531

- Capacity 35t.
- Net Weight (Cap. US/Met.)
93 lbs/42 kg
- Entrance Height (Cap. US/Met.)
7.28 in/185 mm
- Maximum Height (Cap. US/Met.)
16.69 in/424 mm
- Working Air Pressure (Cap. US/Met.)
115-205/8-14 bar



GT3531AG

- Capacity 35t.
- Net Weight (Cap. US/Met.)
154 lbs/70 kg
- Entrance Height (Cap. US/Met.)
14.17 in/360 mm
- Maximum Height (Cap. US/Met.)
35.83 in/910 mm
- Working Air Pressure (Cap. US/Met.)
115-205/8-14 bar



GT4532

- Capacity 45/20 t.
- Net Weight (Cap. US/Met.)
99 lbs/45 kg
- Entrance Height (Cap. US/Met.)
5.90 in/150 mm
- Maximum Height (Cap. US/Met.)
16.53 in/420 mm
- Working Air Pressure (Cap. US/Met.)
115-205/8-14 bar



BEAD BREAKING PRODUCTS



HOW THE SLIDE HAMMER 12026B WORKS

SLIDE HAMMER 12026B

Protect your expensive wheels from swinging hammers by breaking the bead loose with Gaither's Slide Hammer. Use only on wheels without a hump. *Includes: Gaither's Handle Protector.*

1. Place the wedge of the Slide Hammer on the bead area of the tire near the flange of the wheel.
2. Draw up the "slide" of the Slide Hammer and slam it down in order to break tire bead loose from wheel flange. It may be necessary to repeat this process in multiple positions around the tire/wheel assembly.

PNEUMATIC BEAD BREAKER GTABB-01

- Recommended for Agricultural, small OTR and most truck tires
- Extremely Fast – saves time over conventional hydraulic bead breakers
- Lighter weight than conventional bead breakers – only 17 lbs.
- Includes blow case for storage
- Requires a minimum of 85psi

HOW THE PNEUMATIC BEAD BREAKER GTABB-01 WORKS

1. Connect airline to Pneumatic Bead Breaker.
2. Adjust the collar to desired width based on wheel thickness.
3. Wedge the foot of the Bead Breaker between the tire bead and wheel flange.
4. Make sure the direction switch is in the proper position and squeeze the trigger.
5. Reverse the direction switch and squeeze the trigger to release from the wheel.



BEAD BREAKING PRODUCTS



BEAD VICE™ BV-04

Gaither's Bead Vice™ is a patented product that was designed to accommodate the new EVA wheels that first appeared in Europe several years ago. The trend in Europe, and recently throughout the world, has been to move towards using disc brakes on all large commercial vehicles. These disc brakes require a special wheel assembly that allows for more cooling and protection for the valve stem. These wheels are referred to as the EVA (external valve assembly) or "Hump" wheels. To protect the valve stem, a "hump" was built just inside the flange of the wheel making it impossible to break the bead loose from the wheel, and therefore quickly and safely breaks the bead free on all new EVA wheels. *Bead Vice™ V-04 Includes: 1 Bead Vice™ and 1 gallon (3.8 liter) of Super Slick'em™ with applicator bottle.*

HOW THE BEAD VICE™ BV-04 WORKS

Simply apply Super Slick'em™ between the tire and wheel before deflating. After the tire is completely deflated, attach the Bead Vice™ to a stud hole on the wheel, and turn the bolt with a 32mm socket until the base plate forces the tire down past the hump of the wheel.

HOW THE BEAD VICE™ BV-04 WORKS WITH THE ADAPTOR

The Bead Vice Adaptor (BVA-3) is also available for those wheels that have the hump on both sides, therefore requiring both heads to be pushed down before being dismantled. The Bead Vice Adaptor allows the Bead Vice™ to be used on all sized of truck tires, including 17.5" and 19.5".



BOA CONSTRICTOR® BC-04

Gaither's Boa Constrictor® is a simple product that is designed to break the beads on tubeless truck tires mounted on aluminum wheels. It eliminates the use of a hammer or cumbersome bead breaking tools in order to avoid scratches or unnecessary damage. The Boa Constrictor® will also work on steel wheels. If you use the Boa Constrictor® while the tire is upright, both beads can be broken free from the wheel. *Boa Constrictor® BC-04 Includes: 1 Boa Constrictor® and 1 gallon (3.8 liter) of Super Slick'em™ with applicator bottle.*

HOW THE BOA CONSTRICTOR® BC-04 WORKS

1. Apply Super Slick'em™ between the tire and wheel before deflating the tire.
2. Remove the valve core to release the air. The Super Slick'em™ will penetrate quickly.
3. Once all the air has evacuated the tire and the Super Slick'em™ has disappeared into the bead area, apply the Boa mouth to the valve stem and apply pressure.
4. Working with the tire upright will increase the probability of breaking both beads simultaneously.

SPECIALTY ITEMS

RUBBERHEAD® 12894-C/12894-CW

Having trouble protecting your or your customers' aluminum wheels from scratches? Gaither's Rubberhead® helps solve that problem! The Rubberhead® is simply a coated version of the popular Beadkeeper®. The special coating protects the wheels from unnecessary damage by forming a barrier between the metals. The blue Wide Mouth Rubberhead® is available for wheels with larger flanges.



BEADKEEPER® 12894/ 12894-C/12894-CW/12894-P

Gaither's Beadkeeper® is the original tool for assisting in the mounting process. Being made of drop-forged steel, the Beadkeeper® simply locks onto the flange of the wheel and holds the tire bead in place to eliminate standing on the tire and/or chasing the bead around the wheel.

There are 4 versions of Gaither's Beadkeeper®. The original (12894) is made of drop-forged steel, the Rubberhead® (12894-C) and Wide Mouth Rubberhead® (12894-CW) are coated to protect Aluminum wheels from being scratched, and the Keepers-on-a-rope (12894-P) are sold as a pair connected by a nylon rope.



HOW THE BEADKEEPER 12894/12894-C/12894-CW/12894-P WORKS

Gaither's Beadkeeper® is used to hold the tire in place while mounting the second bead. These tools eliminate the dangerous job of standing on the tire in order to mount it. After the first bead is mounted, simply place two Beadkeepers® on the flange of the wheel and spread them apart as far as possible. Use the Spoon End of the bar to mount a small part of the bead and slide the closest Beadkeeper® to the bar. Repeat this step until the entire second bead is mounted.

SPECIALTY ITEMS



O-LINE-ER® GTO-01TB

New patent pending tool is designed to make it easy to line up wheel studs with holes in rim for easy installation. This results in increased worker productivity and reduces the risk of injury from struggling with heavy tires and rims.



O-LINE-ER® BRACKET GTO-BR01

Specially made for Winntec Tire Dolly model G471105.

HANDLE PROTECTOR GHP-01

This simple product protects your vehicle from unnecessary damage. Our patent pending GHP-01 promotes safety in the shop and reduces the risk of claims and repairs.

- Made of a durable synthetic rubber
- Fits multiple jack manufacturers' handles and popular tire tools
- Unique design ensures a tight fit on jack/tool handle without slippage
- Protects vehicles from scratches or dents caused by falling jack handles and unstable tools in the shop
- Patent Pending design absorbs the dent/scratch-causing force as the handle contacts an adjacent vehicle
- Multiple colors available with bulk purchases



TIRE SPREADER GTS-01

Gaither's Tire Spreader is a simple tool designed to spread tire beads quickly to make tire repairs easier than ever!

HOW THE TIRE SPREADER GTS-01 WORKS

1. Be sure Tire Spreader fingers are in closed position.
2. Place Tire Spreader fingers between tire beads.
3. Use ½" impact gun with 1-1/4" (32mm) socket to open the Tire Spreader fingers.
4. Continue to spread tire beads until there is sufficient air space to repair the tire.
5. Remove Tire Spreader once the repair is complete.

This tool is ideal for mobile service!



LUBRICANTS



SUPER SLICK'EM™ 12904

Gaither's Super Slick'em™ should be applied to all tires before being mounted or before deflation if being dismounted. Super Slick'em™ is a special non-water based lubricant that penetrates and aids in breaking the tire bead from the wheel by eating away rust and grease. Because it does not contain water, Super Slick'em™ will not freeze or cause rust to form.

Super Slick'em™ 12904 Includes: 4-1 gallon (3.8 liter) containers and 1 applicator bottle.



SLICK'EM™ 12954

Gaither's Slick'em™ tire lubricant is excellent for mounting/demounting applications. Slick'em™ lubricates the entire wheel allowing for a better fit between the tire and the wheel. This product does not contain silicone or petroleum solvents, which prevents damage and premature aging of tires.

Excellent Lubrication. Superior "Tack" and Bead Sealing qualities. Reduces tire/rim slippage. Concentrated; water soluble, can be diluted. Near neutral PH factor. Contains Rust Inhibitors. Non Toxic, Environmentally Friendly. Fully certified.

Specs: 9.15 kg = 20 lbs

HOW SLICK'EM™ 12954 WORKS

2 gallons of concentrated product inside of a 5 gallon mixing pail. Simply fill with water, stir and create five gallons.



PASTE GP-100 / GP-200

Gaither's Universal Mounting Paste is ideal for mounting all tubeless tires including passenger, light truck, truck, motorcycle, agricultural, OTR, and ATV tires. Wide pail fits all Hunter machines (GP-100), standard pail also available (GP-200).

SPARE PARTS/WARRANTY

SPARE PARTS

Description	Item #	Description	Item #
Clevis	12902	Handle Grip	12100-1
Wide Clevis	12902-W	Steel Handle	12100-2
Right Wing	12883-R	Nut	12100-5
Left Wing	12883-L	Large Roller	12100-7
Right Finger	12883-RF	Large Roller Pin	12100-8
Left Finger	12883-LF	Small Roller Pin	12100-9
Clevis Bolts	12897	Small Roller	12100-10
Clevis Finger Bolts	12897-F	Screw	12100-11
Wire Handle	12909	Handle Grip	12200-1
Clevis Rollers	12903	Steel Handle	12200-2
On/Off Plate	12892	Nut	12200-5
Wedge	12893	Roller Pin	12200-7
Beavertail	12899	Roller	12200-8
Beavertail Rollers	12901	Screw	12200-9
Lever Bar	12886	Handle Grip	12300-1
Crook End	12886-C	Steel Handle	12300-2
Spoon End	12886-S	Adjustment Sleeve	12300-5
J-1 Bar Only	J-1B	Large Roller	12300-6
Beadkeeper (2 in 12880-E)	12894	Large Roller Pin	12300-7
Keepers-on-a-rope	12894-P	Small Roller Pin	12300-8
Rubberhead	12894-C	Small Roller	12300-9
Wide Mouth Rubberhead	12894-CW	Locking Pin	12300-11
Clevis Assist (2 in 12880-E)	12898	Foot Plate for Bead Vice	BV-04FP
Empty Toolbox	12900	Main Bolt for Bead Vice	BV-04MB

BEAD BOOSTER® SPARE PARTS

Description	Item #
Manual Release Valve	12912
Auto Release Valve	12912A
Double Barrel w/ lock nut	12913
Pressure Gauge	12914
Intake Valve	12916
Safety Pop-off Valve (max. 200 psi)	12917
K-D Tire Stand	GB-51
Air Whip Hose	GB-52
Tire Wedge	GB-53
Safety Pack	GB-54

BEAD BAZOOKA® SPARE PARTS

Description	Item #
Slotted Double Barrel	12913B
Wall Clip	GB-55
1 1/2" Lock Nut	12912B
Pressure Gauge	12914B
Y Connection	12915B
Intake Valve	12916B
Safety Valve (max. 150 psi)	12917B
Switch Valve	12919B
Grip w/ Trigger Guard	12920B
Plastic Plug	12921B

WARRANTIES

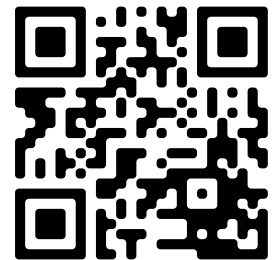
ONE YEAR LIMITED WARRANTY ON ALL EQUIPMENT WITH EXCEPTION TO BEAD BREAKERS (90 DAYS) AND "GT SERIES" JACKS (THREE YEARS).



ABOUT US

Winntec is one of the world's largest recognized brands in hydraulic workshop equipment and continues to expand. Years of experience, constant development of new technologies, and dedication to quality and service have been essential for its success. All Winntec products are in compliance with the latest product standards and directives for all markets, and are ready for shipment from one of three warehouses – Jacksonville, IL USA, Roosendaal, The Netherlands, and Shanghai, PRC.

CONTACT US



WINNTEC.NET

SPECIALTY EQUIPMENT



INTRODUCING THE ALL NEW

SMART CART Y471147HD

HOW THE SMART CART Y471147HD WORKS

1. Simply push the Smart Cart toward the stack of tires and watch as the patented spring-action arms grasp the tires without the need for cumbersome pedals, levers, or gas springs.
2. Tip the Smart Cart toward you – note the patented tilting-action. This allows for less stress on the technician.
3. To remove the Smart Cart from the tires, place a foot under the bottom crossbar and slightly lift and pull.



WHEEL DOLLY Y471105HD

- Easy installation and removal of truck tire/wheel assemblies
- One man control
- Heavy-duty industrial bearings
- 3 positions for rollers depending on tire size
- Great tool for every service truck
- Avoid Damage to wheel bolts and expensive modern rims
- For all wheels from 6.5" - 24.5", including super singles
- New longer rollers make it even easier to handle super single tires

HOW THE WHEEL DOLLY Y471105HD WORKS

To Remove from Vehicle

1. After the vehicle is positioned on jack stands and the lug nuts are removed, slide the Tire Dolly under the tire so that the rollers come into contact.
2. Apply downward force on the handle to raise the tire/wheel assembly, and pull away from the vehicle.

To Replace onto Vehicle

1. Place O-LINE-ER(s) on stud(s).
2. Lift tire/wheel assembly with Tire Dolly and roll toward vehicle.
3. Raise tire/wheel assembly and line up stud holes with O-LINE-ER(s).
4. Remove Tire Dolly and slide tire/wheel assembly onto hub.



- PULL
- LIFT
- TWIST
- LOWER

Model	Cap. kg/lbs	G.W. kg/lbs	N.W. kg/lbs
Y471105HD	max 250/551	12/26.5	11.2/24.7

FLOOR JACKS



TURBO LIFTER GARAGE JACK Y420303 & Y420300

3 Tons. These jacks are equipped with the TURBO LIFTER system, rubber saddle and handle bumper. The professional universal joint release valve makes it possible to lower the jack with load very precisely and free of any risks. The pump pistons (protected with jacket to prevent from intrusion of dirt) are placed at a 45° angle so a complete pumping stroke will always be utilized. The jack has a chrome main ram.

Model	Cap U.S./Met.	Min h. in/mm	Max h. in/mm	Length in/mm	Width in/mm	G.W. lbs/kg	N.W. lbs/kg
Y420300	3.3 t/3	4.15/105.4	19.30/490.2	31.30/795	15.15/385	110/49.8	107/48.5
Y420303	3.3 t/3	5.12/130	19.29/490	31.30/795	15.16/385	94.7/43	90.3/41
Y422500	2.75 t/2.5	3.35/85	18.31/465	30.71/780	15.35/390	106.9/48.5	103.6/47
Y420302	3.3 t/3	5.12/130	19.29/490	28.35/720	14.17/360	90.3/41	85.9/39
Y420225	2.5 t/2.25	3.54/90	20.28/515	33.46/850	15.75/400	123.4/56	119/54



FORKLIFTER/TRACTOR JACK Y454000

4/5 Tons. This jack implements 2 lifting points; the low saddle is appropriate for service on forklift trucks while the high saddle is convenient during tractor maintenance jobs. Professional universal joint release valve makes it possible to lower the jack with load very precisely and free of any risks.

Model	Cap U.S./Met.	Min h. in/mm	Max h. in/mm	Length in/mm	Width in/mm	G.W. lbs/kg	N.W. lbs/kg
Y454000 lift point 1	4.4t/4	2.56/65	16.34/415	31.1/790	9.45/240	103.6/47	99.2/45
Y454000 lift point 2	5.5t/4.4	16.54/420	30.12/765	31.1/790	9.45/240	103.6/47	99.2/45

BOTTLE JACKS

These professional bottle jacks meet the highest standards.
All models have a chrome main ram and a chrome pump piston.
The extension screws have a pressed thread.
These units can be used horizontally and vertically.

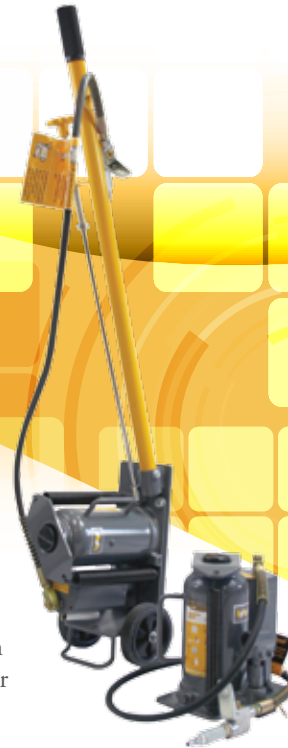


Model	Cap U.S./Met.	Min h. in/mm	Max h. in/mm	Hydr Stroke in/mm	Ext. Screw in/mm	Length in/mm	Width in/mm	G.W. lbs/kg	N.W. lbs/kg
Y410200	2.2 t/2	6.22/158	11.73/298	3.54/90	1.97/50	3.54/90	3.62/92	5.7/2.6	4.8/2.2
Y410400	4.4 t/4	7.68/195	14.57/370	4.92/125	1.97/50	3.98/101	4.33/110	8.6/3.9	7.7/3.5
Y410600	6.6 t/6	7.87/200	14.76/375	4.92/125	1.97/50	4.4/112	4.53/115	10.1/4.6	9.4/4.3
Y410800	8.8 t/8	9.06/230	17.99/457	5.75/146	3.19/81	4.72/120	4.76/121	15.2/6.9	13.9/6.35
Y411500	16.5 t/15	9.84/250	19.29/490	6.3/160	3.15/80	5.43/138	5.55/141	21.6/9.8	20.8/9.45
Y412000	22 t/20	9.53/242	18.58/472	5.9/150	3.15/80	5.91/150	6.26/159	22.45/11.15	23.7/10.75
Y412001	22 t/20	6.61/168	11.22/285	3.03/77	1.57/40	5.91/150	6.26/159	20/9.1	19.1/8.7
Y413000	33 t/30	9.53/242	18.39/467	5.91/150	2.95/75	6.85/174	8.15/207	35.7/16.2	34.8/15.8

PNEUMATIC JACKS

AIR/MANUAL BOTTLE JACK Y432020 & Y432003

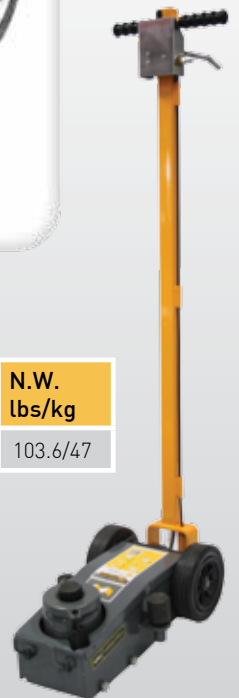
20 Tons. This unit includes a welded base to prolong service. Chrome main ram and aluminum air motor guarantee optimum lifetime. Air filter and air regulator connected to hose, included. Y432003 comes on trolley.



Model	Cap U.S./Met.	Min h. in/mm	Max h. in/mm	Hydr Stroke	Ext. Screw	Length in/mm	Width in/mm	G.W. lbs/kg	N.W. lbs/kg
Y432020	22 t/20	10/245	18.5/470	5.71/145	3.15/80	8.31/220	6.88/176	38/17.3	36.3/16.5
Y432003	22 t/20	10.04/255	18.9/480	5.71/145	3.15/80	16.54/420	5.91/150	59.5/27	56.6/25.7

AIR SERVICE JACK Y432005

20 Tons. This heavy duty model is designed for servicing jobs in the truck industry. This jack has an extension screw in addition to 3 saddles that can be placed on top of each other for added height. Chrome main ram and aluminum air motor guarantee optimum lifetime. Air filter, connected to hose, included.



Model	Cap U.S./Met.	Min h. in/mm	Max h. in/mm	Hydr Stroke	Ext. Screw	Length in/mm	Width in/mm	G.W. lbs/kg	N.W. lbs/kg
Y432005	22 t/20	7.28/185	14.69/373	4.25/108	3.15/80	22.83/580	12.60/320	112.4/51	103.6/47

JACK STANDS

JACK STAND WITH WHEELS Y451205

12 Tons. Sturdy, welded steel construction for superior safety and strength. Nylon wheels and removable handle ensure quick and SAFE positioning of jackstand under vehicle. Handle holder for vertical storage of handle while jackstand is not in use. Delivered per pair.



Model	Cap U.S./Met.	Min h. in/mm	Max h. in/mm	Length in/mm	Width in/mm	G.W. lbs/kg	N.W. lbs/kg
Y451205	13.2 t/12	11.8/300	18/460	8.6/220	8.6/220	46/21	44/20

JACK STANDS Y450301 & Y451600

All stands have a heavy duty robot welded frame, and a multi-position ductile ratchet bar. The quick adjustment mechanism securely locks into the right location. Includes counter-weighted pawl for safe securing.



Y451600



Y451301

Model	Cap U.S./Met.	Min h. in/mm	Max h. in/mm	Length in/mm	Width in/mm	G.W. lbs/kg	N.W. lbs/kg
Y450301	3.3 t/3	10.55/268	16.73/425	7.48/190	6.69/170	16.5/7.5	15.4/7
Y451600	6.6 t/6	15.51/394	23.50/597	10.63/270	9.45/240	33.5/15.2	30.4/13.8

HYDRAULICS



WHEEL BREAKER SET Y471180

- Hydraulic Stroke: 1.0"/25.4 mm
- Cylinder: 3.5"/9 cm
- 4 adaptors included: .39"/1 cm, .98"/2.5 cm, 1.9"/5 cm, adjustable 3.4"/8.7 cm, - 4.9"/12.5 cm
- Manual hydraulic foot pump included
- Case included
- This wheelbreaker kit eliminates one of the most dangerous jobs within the tire service industry
- Wheel removal + (Alloy and light steel wheels are often literally frozen (glued) to the vehicle)
- Weight: 40.7 lbs/18.5 kg

UNIVERSAL BEAD BREAKER SET Y471120

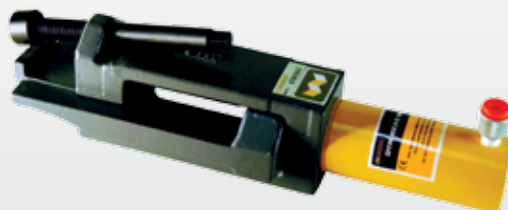
Works on most single, two – and three piece tires/rims. G.W. 21.



OTR BEAD BREAKER Y471130

To be used on 5 piece rims 25"-51".

With pry bar/bead loosening pockets. G.W. 1.4.



ALUMINUM AIR/HYDR. FOOT PUMP Y471150

2,000 cc = 2.2 quarts

700 bar = 10,000 psi



CONVERSION CHART

METRIC TO US STANDARD CONVERSION

Length

1 centimeter (cm)	=	10 millimeters (mm)
1 inch	=	2.54 centimeters (cm)
1 foot	=	0.3048 meters (m)
1 foot	=	12 inches
1 yard	=	3 feet
1 meter (m)	≈	100 centimeters (cm)
1 meter (m)	=	3.280839895 feet
1 furlong	=	660 feet
1 kilometer (km)	=	1000 meters (m)
1 kilometer (km)	≈	0.62137119 miles
1 mile	=	5280 feet
1 mile	=	1.609344 kilometers (km)
1 nautical mile	=	1.852 kilometers (km)

Area

1 square foot	=	144 square inches
1 square foot	=	929.0304 square centimeters
1 square yard	=	9 square feet
1 square meter	≈	10.7639104 square feet
1 acre	=	43,560 square feet
1 hectare	=	10,000 square meters
1 hectare	≈	2.4710538 acres
1 square kilometer	=	100 hectares
1 square mile	≈	2.58998811 square kilometers
1 square mile	=	640 acres

Speed

1 mile per hour (mph)	≈	1.46666667 feet per second (fps)
1 mile per hour (mph)	=	1.609344 kilometers per hour
1 knot	≈	1.150779448 miles per hour
1 foot per second	≈	0.68181818 miles per hour (mph)
1 kilometer per hour	≈	0.62137119 miles per hour (mph)

Weight

1 milligram (mg)	=	0.001 grams (g)
1 gram (g)	=	0.001 kilograms (kg)
1 gram (g)	≈	0.035273962 ounces
1 ounce	=	28.34952312 grams (g)
1 ounce	=	0.0625 pounds
1 pound (lb)	=	16 ounces
1 pound (lb)	=	0.45359237 kilograms (kg)
1 kilogram (kg)	=	1000 grams
1 kilogram (kg)	≈	35.273962 ounces
1 kilogram (kg)	≈	2.20462262 pounds (lb)
1 stone	=	14 pounds
2 stone	=	28 pounds
1 metric ton	=	2200 pounds

Volume

1 US tablespoon	=	3 US teaspoons
1 US fluid ounce	≈	29.57353 milliliters (ml)
1 US cup	=	16 US tablespoons
1 US cup	=	8 US fluid ounces
1 US pint	=	2 US cups
1 US pint	=	16 US fluid ounces
1 liter (l)	≈	33.8140227 US fluid ounces
1 liter (l)	=	1000 milliliters (ml)
1 US quart	=	2 US pints
1 US gallon	=	4 US quarts
1 US gallon	=	3.78541178 liters



WINNTEC



JACK STANDS
PG 17



FLOOR JACK
PG 18



SMART CART
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WINNTEC

2013 PRODUCT CATALOG

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