

TOOL AND EQUIPMENT CATALOG 2014



# **AME INTERNATIONAL**

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# AME IS MORE THAN A SUPPLIER



We pride ourselves in working hand in hand with our customers to develop the products which best suit their needs. From our first days, our goal has been relatively simple: *Service the Customer.*

The tools we produce are developed to meet the needs of the people using them each day.

We manufacture using the latest technology to ensure high quality standards.

Products developed in the field are taken back to the field for further testing and evaluation. The end result is tools and equipment for the tire industry – designed by the tire industry.

When working with AME, it is likely you'll speak with a member of our executive sales team. Their expertise in tire changing tools and their use and application cannot be matched.



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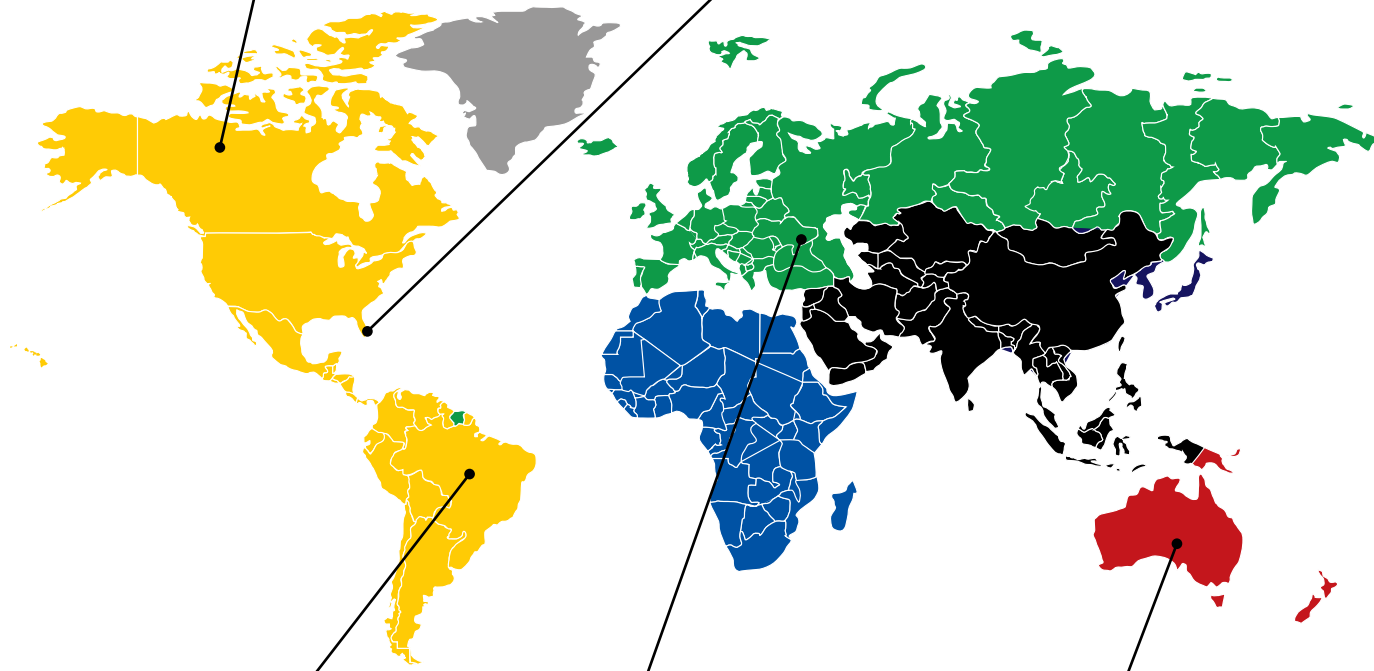


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# AME OUTSIDE THE OFFICE

Chances are you'll see AME outside the office. We believe in seeing our customers - wherever they might be located. We've traveled the world and value the relationships we've made.



**AME supports industry associations. AME is a proud member of Tire Retread Information Bureau (TRIB), Tire Industry Association (TIA), and Retread Tire Association (RTA).**



**AME INTERNATIONAL CAN BE FOUND THROUGHOUT THE SOCIAL MEDIA SPHERE.**



There you can find new product announcements, video demonstrations, and the latest news.



**OUR HOME ON THE WEB**



www.ameintl.net is where you'll find everything AME. From here you can download the latest literature, view parts diagrams, download instructions or schedule a pick up for a tool to be repaired. As the world leader in bead breaking technology, you can also access our site by visiting [www.beadbreakers.com](http://www.beadbreakers.com)

**OUR BRANDS**

*Throughout the world, AME's brands are recognized as providing quality and value.*



# CATEGORIES



Bead Breakers.....6-23



Pumps .....24-31



OTR / Mining .....32-61



Heavy Duty.....62-87

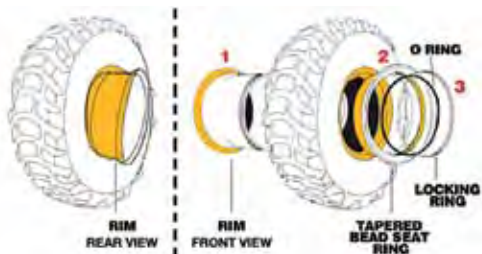


Automotive.....88-93

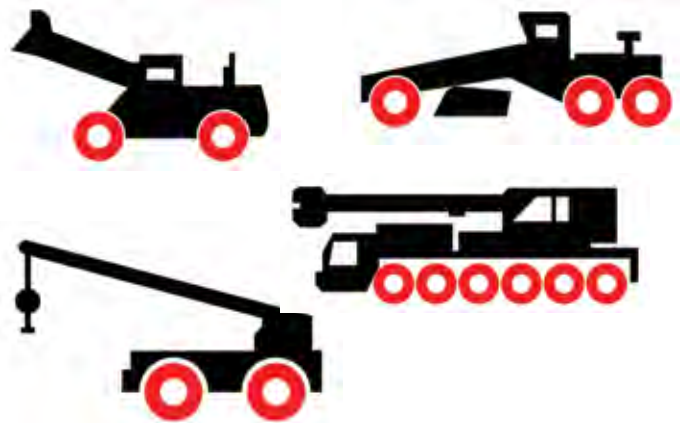


## “COMBI” BEAD BREAKERS

“Combi” Bead Breakers are named as such as they work on a combination of different wheels. They can be used on single, two and three piece wheels and rims. Also known as ‘Farm Tools’ or even a ‘210 Tool’, these bead breakers are used on truck, bus, farm and small construction wheels. Unlike the 5 piece wheel bead breakers, Combi bead breakers push the tire away from the wheel. The tools have two hydraulic cylinders, with the first one clamping the tool onto the wheel. Once clamped onto the wheel, the hydraulic pressure actually pulls the teeth of the bead breaker into the tire and wheel. The second cylinder is then activated and the bead breaker foot pushes against the tire, separating it from the wheel. While some tire fitters have used this tool on smaller 5 piece wheels, it is designed for use only on single, 2 and 3 piece wheels.



3 Piece Wheel Assembly



**COMBI BEAD BREAKERS ARE USED TO DISMOUNT THE FOLLOWING SIZE TIRES:**  
*(THIS IS NOT A COMPLETE LIST)*

9.5L-14	12.5/80-18	21L-28
11L-14	7.50-20	24.5 x 32
5.00-15	11.25-24	30.5L-32
5.90-15	12.4-24	35.5L-32
6.70-15	16.9-24	18.4-34
7.5L-15	14.00R24	20.8-38
9.5L-15	54 x 37.00-25	18.4-42
10.00-15	66 x 43.00-25	20.8-42
11L-15	385/95R25	18.4R46
12.5L-15	445/95R25	320/90R50
9.5-16	505/95R25	380/90R50
11.00-16	17.5R25	
4.00-18	20.5R25	

**11010**

## “COMBI” TIRE BEAD BREAKER

- Most popular tool for breaking beads on all agricultural wheels
- Used on construction wheels up to 25”
- Works on single, 2 and 3 piece wheels
- Tool clamps hydraulically to the wheel and then breaks bead with 11 tons of force
- 3.75” (9.5 cm) stroke length
- Used with 10,000psi (700 bar) air/hydraulic pump
- Weight 34 lbs (15.5 kg)



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**11015**

## TITAN FARM TIRE BEAD BREAKER

- Ideal for tire dealer who requires occasional use of bead breaker
- 10 ton cylinder has enough force to break most beads
- 4” (10 cm) stroke length
- Unit will break all single and 2 piece and most 3 piece wheels
- Weight 34 lbs (15.5 kg)

**TITAN**  
Shop Equipment





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**11020**

## MODIFIED COMBI TIRE BEAD BREAKER

- This is the tool operators are most familiar with
- Most parts interchange with common bead breakers in the market
- Least expensive bead breaker for new 3 piece wheels
- Larger clamp and feet allow tool to easily clamp onto wheels
- Compact design allows the tool to be used on the front or back side of wheel
- Weight 38 lbs (17 kg)

**11090**

## “STINGER” BEAD BREAKER



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- Lightweight option for breaking 3 piece wheels
- Unit mechanically clamps to wheel, regardless of size or clearance
- 10 ton, 8” (20 cm) stroke cylinder pushes bead back away from the wheel
- Unique head is designed for tool to push on the bead – not the side wall of tire
- Comes with 2 spacer wedges to prevent bead from re-seating
- Shipped with tool box
- Weight 29 lbs (13 kg)



**16150**

## CONVERSION KIT FOR COMBI BEAD BREAKER

- Kit increases opening on Combi Style Bead Breakers
- Will fit models from IMT, FEC, Stellar and Esco
- Can be added to tool in minutes-easy to apply



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16200 kit adds extra length to feet and clamp

**16200**

## UPGRADE KIT FOR 3 PC. WHEELS

- Converts standard Combi style bead breakers to fit 3 piece wheels
- Easy to change - no need to send in for service
- Will fit models from IMT, FEC, Stellar and Esco
- Includes 16150 Kit to guarantee fit on all tools - regardless of age



**11076**

## DIAMONDBACK ALUMINUM BEAD BREAKER

- Lightweight Aluminum reduces weight by 40%
- Longer feet allow better fit onto wheel/rim
- Feet fully engage rim flange and push against the bead of the tire
- Comes with protective carrying case
- Weight 31 lbs (14kg)



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**17200**

## DIAMONDBACK BEADBREAKER UPGRADE KIT

- Will work with existing Aluminum Bead Breakers, including AME model 11070 and IMT-1000
- Longer feet allow the tool to fully engage the bead of the tire
- Helps tool to push on the bead – not the sidewall
- Installation instructions included



**11070-041**

## VOLVO ADAPTER

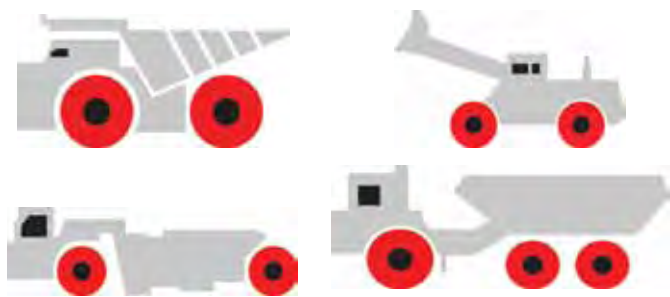
- Used on back side of certain assemblies
- Ideal for low clearance sections
- Adapter easily changes out on 11076 Bead Breaker



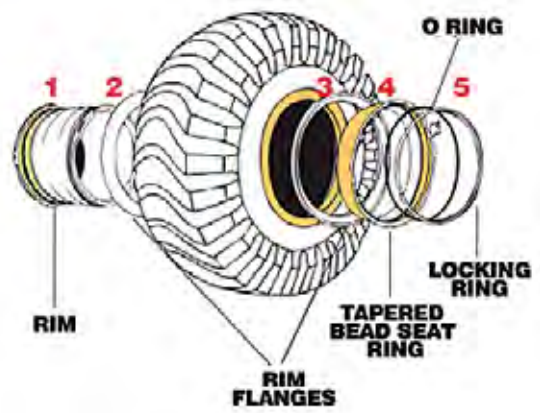


## 5 PIECE WHEEL BEAD BREAKERS

5 Piece Wheel Bead Breakers are unique in that they typically push the rim flange off of the bead seat band, breaking the bead without touching the tire. These tools have one single hydraulic cylinder to push back the rim flanges on the front and back side of the tire. Tools are most often held into place with a hook that fits into a pocket on the wheel, although some tools exist which clamp to the rim flange.



### 5 PIECE WHEEL BEAD BREAKERS ARE USED TO DISMOUNT THE FOLLOWING SIZE TIRES:



5 pc Wheel Assembly

23.5R25	875/65R33	21.00-49
26.5R25	21.00-35	24.00-49
750/65R25	21.00R35	24.00R49
29.5R25	24.00-35	27.00-49
26.5-29	24.00R35	27.00R49
29.5-29	29.5-35	30.00-51
29.5R29	33.25-35	30.00R51
30/65-29	33.25R35	33.00-51
33.25-29	37.25-35	33.00R51
33.25R29	37.25R35	36.00-51
775/65R29	1150/65R39	36.00R51
800/65R29	37.5-39	50/65-51
875/65R29	37.5R39	37.00R57
18.00-33	40.5/75R39	40.00R57
18.00R33	40/65-39	46/90R57
21.00R33	41.25/70-39	50/80-57
33.5-33	45/65R39	52/80-57
36/65-33	1150/65R45	55/80R63
35/65R33	45/65-45	58/80R63
37.5-33	45/65R45	59/80R63

**11000**

**OTR GIANT TIRE BEAD BREAKER**

- Most popular tool for breaking beads on earthmover tires, sizes 25"-51"
- Works only on 5 piece wheels with bead loosening pockets
- 4 1/4" (10.8 cm) stroke ram
- Use with any 10,000 psi (700 bar) air/hydraulic pump
- Weight 33 lbs (14.5 kg)



Model 16070 for use with 11000 on Caterpillar Shur-Lok rims



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**11001**

**ALUMINUM 5 PIECE BEAD BREAKER**

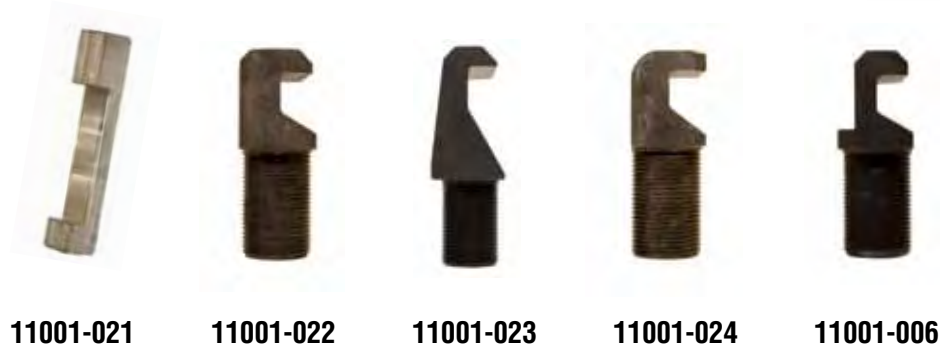
- Used on 25"-51" 5 piece wheel assemblies
- "Thinner" hook allows for use on smaller bead pockets
- 4 bead pocket hooks for increased range of wheel styles available
- Includes 2 Aluminum bead wedges, AME Model 11001-021



Part Number	Width	Length
11001-022	1-15/16" (49.3 mm)	1-9/16" (39.62 mm)
11001-023	1-15/16" (49.3 mm)	2-9/16" (65.02 mm)
11001-024	1-7/16" (36.58 mm)	1-1/2" (38.10 mm)
11001-006	1-15/16" (49.3 mm)	1-9/16" (39.62 mm)



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**TITAN**  
Shop Equipment

**11005**

## TITAN EARTHMOVER BEAD BREAKER

- Ideal for tire dealer who requires occasional use of bead breaker
- 10 ton cylinder has enough force to break most beads
- 4" (10 cm) stroke length
- Unit will work on 5 piece wheels with bead loosening pockets
- Weight 34 lbs (15.5 kg)



**11050**

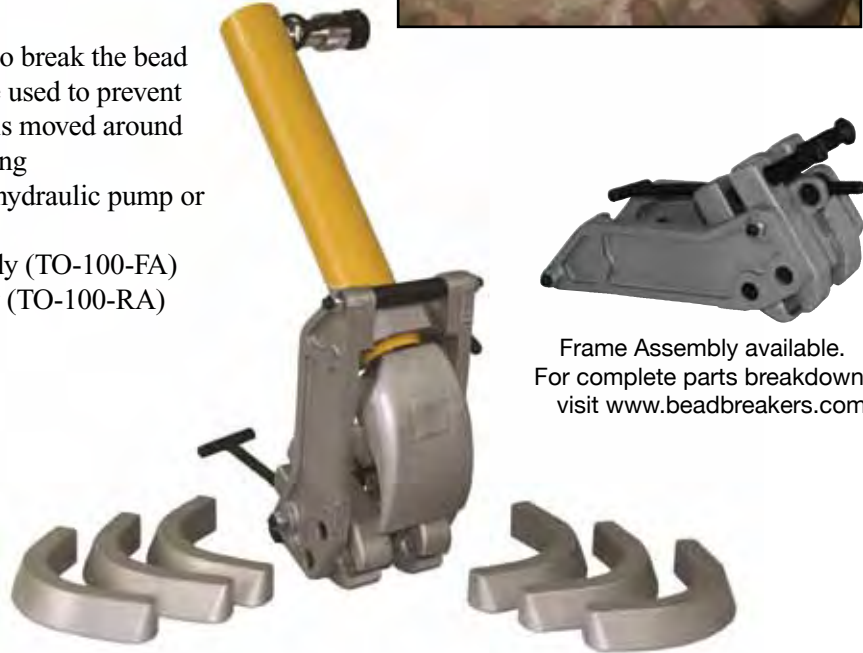
## OTR GIANT TIRE BEAD BREAKER

- Compact, lightweight tool used primarily on 25" and 29" earthmover wheels
- Originally marketed as Goodyear TO-1600-HA
- Works only on 5 piece wheels with bead loosening pockets
- 2 1/8" (5.4 cm) stroke
- 10 tons of hydraulic force
- Used with 10,000 PSI (700 bar) air/hydraulic pump
- Weight 23 lbs (10 kg)

**11040**

## OTR TIRE BEAD BREAKER

- Original Earth Mover tire bead breaker
- Originally marketed as Goodyear TO-100-HA
- Tool clamps to wheel mechanically and then the hydraulic ram assembly is used to break the bead
- Designed for use on 5 piece wheels which do not have bead loosening pockets
- Tool offers 10" (25.4 cm) of stroke to break the bead
- Includes 6 curved wedges which are used to prevent tire from 're-seating' when the tool is moved around the wheel for additional bead breaking
- Used with 10,000 PSI (700 bar air/ hydraulic pump or hand operated hydraulic pump
- Model 12150 – Frame Assembly only (TO-100-FA)
- Model 12160 – Ram Assembly only (TO-100-RA)
- Weight 52 lbs (23.5 kg)



Frame Assembly available.  
For complete parts breakdown,  
visit [www.beadbreakers.com](http://www.beadbreakers.com)



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**12105**

## DUAL 11000 BEAD BREAKER KIT

- Breaks the bead on 5 Piece Wheel assemblies at two points of contact
- 10,000 PSI Tee fitting assures equal oil pressure to both units
- 5 Quart Pump provides enough oil capacity for both bead breakers
- Comes with (3) 8' hydraulic hoses rated at 10,000 PSI each (proper couplings included)



(3) 8' hydraulic hoses





**11030**

**OTR GIANT TIRE  
BEAD BREAKER**

- Bead Breaker for use on 39” up through 63” earth mover wheels
- Originally marketed as TO-2000-HA OTR-2000
- 6” (15.25 cm) stroke breaks all beads
- 16270 Kit has longer hooks in order to fit onto 63” wheels
- Used with large capacity (5 quart or more) 10,000 PSI (700 bar) air/hydraulic pump
- Weight 52 lbs (23.5 kg)
- Available in 8” Stroke P/N 11031



**16270**

**OTR 2000 UPGRADE KIT**

- Upgrade kit for AME 11030 for larger rim flanges on 63” assemblies
- Easily installed on AME 11030 OTR 2000 Bead Breaker
- Kit includes Extended Pushing Spade, and (2) extended bead pocket hooks



**16275****OTR 2500 BEAD BREAKER HEAD**

- Custom bead breaker head designed to fit on the AME 25 Ton Ram
- 2500 tool used on the Rimex, TSR, and MES 57" & 63" Wheels ONLY
- Rim Locking technology provides the safest wheel dis-assembly in the industry
- Weight 27 lbs (12.25 kg)

**11055****KOMATSU 930E BACK SIDE TIRE BEAD BREAKER**

- 25 ton S/A cylinder with 8" stroke
- Angled base mount to Komatsu 930E angled frame which results in a straight push
- Cylinder clamp with 2 mounting rings to chain onto the equipment
- Specifically designed for use with "Speed Wheels" on Komatsu 930E Trucks
- Unit weight - 34 lbs (15.42 kgs)



**11044**

**OTR 3000 GIANT TIRE BEAD BREAKER**

- Designed specifically to work on Topy and Rimex OE wheels found on Terex, Komatsu, Liebherr and Le Tourneau
- Designed to prevent the tool from kicking out while under load
- 6” Stroke ram delivers maximum force
- Jaw design works on most wheels 51” – 63”
- Weight 54 lbs (24.5 kg)



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(3) 8' hydraulic hoses



**12106**

**DUAL 11044 BEAD BREAKER KIT**

- Breaks the bead on 5 Piece Wheel assemblies at two points of contact
- 10,000 PSI Tee fitting assures equal oil pressure to both units
- 2 Gallon Pump provides sufficient oil capacity for both bead breakers
- Comes with (3) 8' hydraulic hoses rated at 10,000 PSI each (proper couplings included)
- Kit includes: (2) 11044 Bead Breakers, (1) 15940 Air Hydraulic Pump, (3) 8' 10,000 PSI Hydraulic hoses, (1) Tee fitting, and necessary hose couplings



**Giant Tire Bead Breaker Kits include:**

Model	11035	11046	11043	11044-001	11044-002	11044-003	15930C	15950C
11034	1	2	2	1	1	1		
11049	1		2					
12100	1	2	2	1	1	1	1	
12106*	2	4						1

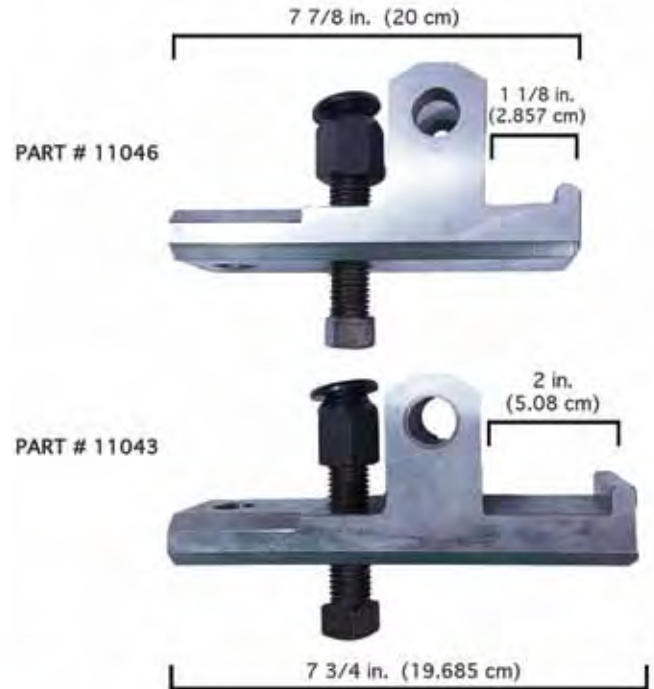
\* Dual 11044 Bead Breaker Kit includes (3) 8' hoses and 10,000PSI Tee Fitting



**11046**

## OTR-3000 BEAD BREAKER JAW ASSEMBLY - STANDARD

- Contains two jaws for back section and bead bands
- High Chromoly Steel ensures structural integrity in the toughest conditions
- Fits majority of 5 Piece OTR Wheel assemblies
- Not to be used on CAT Shur-Lok assemblies (see AME 11043)



**11043**

## OTR-3000 CAT SHUR-LOK BEAD BREAKER JAW

- Extended Clamping Frame fits over Sur-Loc Bead Bands
- High Chromoly Steel ensures structural integrity in the toughest conditions
- Order AME 11049 for OTR-3000 Bead Breaker already fitted with Shur-Lok Jaws
- Can be ordered separately and added to the AME 11044



## OTR 3000 BEAD BREAKER EXTENSIONS

**11044-001**

- Adapter for TOPY Wedge Wheel Bead Breaker Extension
- Designed to work on TOPY Wedge Wheels
- Does not scar/contact rim base
- Shorter rim flange sections
- Can be added to 11044 in minutes, thread in install



**11044-002**

- Adapter for 11044 Titan SVM/OVM Wheel
- Does not scar/contact rim base
- Designed to work on narrow bead seat bands
- Can be added to 11044 in minutes, snap in install



**11044-003**

- Adapter for 11044 Rimex DGS Wheels
- Does not scar/contact rim base
- Designed to work on narrow bead seat bands
- Can be added to 11044 in minutes, snap in install





**11060**

## DUAL AGRICULTURAL TIRE BEAD BREAKER

- Guaranteed to break any dual ag tire beads regardless of vehicle
- Unique compact design allows the tool to fit in the tightest spaces - only 3" (7.6 cm) wide at narrowest point
- Spreads to 26" (66 cm) in width - enough to break any bead
- Used to break the inside bead of the outside tire on a dual assembly
- Can also be used to break inside bead of inside tire, when tool is placed against the frame of vehicle
- 10 Ton cylinder has enough force to break all tractor beads
- Used with 10,000 PSI (700 bar) air/hydraulic pump
- Weight 39 lbs (17.6 kg)



**11065**

## DUAL AGRICULTURAL 300 TIRE BEAD BREAKER

- Lightweight and easy to handle
- Requires only 4 1/2" (11.5 cm) operating space
- Designed for all agricultural applications
- 5 Tons of pushing force
- Opens to 12" (30.5 cm) wide
- Weight 20 lbs (9kg)

**11080**

## BEAD PUSH OFF TOOL



- Lightweight tool for removing combine and tractor tires after breaking the bead.
- 4 Tons of hydraulic force
- 5.5" (13.97 cm) stroke
- A removable handle for storage
- Use with any 10,000 PSI (700 bar) air/hydraulic pump
- Weight 9 lbs (4.1 kg)

**15090**

## GRACO CALCIUM CHLORIDE PUMP W / ACCESSORIES

- 50 gallon (189 liter) per minute capacity; 1 to 1 ratio double diaphragm pump
- Weight - 38 lbs. (17.2 kg)
- Pump only P/N 15091, pump with quick connectors 15090-QC



**15100**

## YAMADA CALCIUM CHLORIDE PUMP W / ACCESSORIES

- 40 gallon (152 liter) per minute capacity; 1 to 1 ratio double diaphragm pump
- Weight - 38 lbs. (17.2 kg)
- Pump only P/N 15101, pump with quick connectors 15100 -QC



**15107**

## SANDPIPER CALCIUM CHLORIDE PUMP W/ ACCESSORIES

- 45 gallon (170 liter) per minute capacity
- 1:1 Ratio Double Diaphragm Pump
- Pump only part number 15100V, pump with quick connectors 15107-QC
- Weight 34 lbs. (15.4 kg)



**15095**

## CALCIUM CHLORIDE 4-WAY GUN

- Anodized Aluminum outlasts brass and poly valves
- Buna-N seals outlast ordinary rubber seals
- Can be used with any existing calcium pump system
- Calcium pumps outfitted with the AME 15095 will be able to transfer: Calcium chloride, Methanol, Anti-Freeze, RimGuard, Water & Beet Juice



**15097**

## 1" MALE QUICK CONNECT

- 1" Threads will work on any AME Calcium pump
- Quick Connect allows for easy switch of pickup side and fill side



**15096**

## 310 CORE INJECTOR GUN

- 1/2" female pipe thread
- Attaches to calcium chloride pump for easy extraction of valve
- Securely holds the valve core in the gun body during tire filling or evacuation



**15098**

## 1" FEMALE QUICK CONNECT

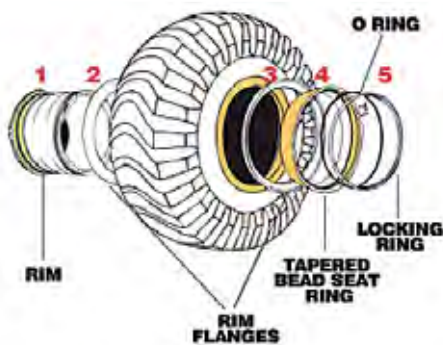
- 1" Threads will work on any AME Calcium hose assembly
- Allows for easy disconnect of hose for switch of pickup and fill side





## HYDRAULIC RAMS

Hydraulic rams are essential to earthmover tire changing. Sometimes referred to as cylinders or ‘porta powers’ these tools are hydraulically operated and act as a bead breaker on the backside of 5 piece wheel assemblies. As 5 piece wheels have limited places where a bead breaker can be ‘hooked’ to the wheel, a hydraulic ram offers flexibility as to where the rear flange can be pushed back, by placing it against the frame of the vehicle. Various lengths provide flexibility making these rams a necessity on service trucks. 10 ton models have been the standard capacity, but some companies find that 20 ton aluminum rams provide enough power to get the job done all the time. When ordering rams, be sure to know the difference between stroke length and retracted height. A ‘6 inch ram’ can talk about the total length of the cylinder or the amount of piston stroke which extends from the cylinder. The stroke length (also known as the amount of travel), will always be less than the retracted length of the ram.



## HYDRAULIC RAMS CAN BE USED TO BREAK THE BEAD ON THE BACKSIDE OF THE FOLLOWING TIRES:

23.5R25	875/65R33	21.00-49
26.5R25	21.00-35	24.00-49
750/65R25	21.00R35	24.00R49
29.5R25	24.00-35	27.00-49
26.5-29	24.00R35	27.00R49
29.5-29	29.5-35	30.00-51
29.5R29	33.25-35	30.00R51
30/65-29	33.25R35	33.00-51
33.25-29	37.25-35	33.00R51
33.25R29	37.25R35	36.00-51
775/65R29	1150/65R39	36.00R51
800/65R29	37.5-39	50/65-51
875/65R29	37.5R39	37.00R57
18.00-33	40.5/75R39	40.00R57
18.00R33	40/65-39	46/90R57
21.00R33	41.25/70-39	50/80-57
33.5-33	45/65R39	52/80-57
36/65-33	1150/65R45	55/80R63
35/65R33	45/65-45	58/80R63
37.5-33	45/65R45	59/80R63



# HYDRAULIC RAMS

- Used to break rear beads on 5 piece wheels
- Removable plunger adapter allows the use of a variety of threaded attachments
- A must have for OTR wheel and tire service

MODEL	CAPACITY	STROKE	RETRACTED HEIGHT
13010	10 Ton	2 -1/8" (5.4 cm)	4-3/4" (12.1 cm)
13020	10 Ton	4" (10.5 cm)	6-3/4" (17.14cm)
13030	10 Ton	6-1/8" (15.57 cm)	9-3/4" (24.77 cm)
13040	10 Ton	8" (20.32 cm)	11-3/4" (29.84 cm)
13050	10 Ton	10-1/8" (25.73 cm)	13- 3/4" (35 cm)
13060	30 Ton	2-7/16" (6.19 cm)	4- 5/8" (11.75 cm)
13090	25 Ton	8-1/4" (21 cm)	12-3/4" (32.39 cm)
13095	25 Ton	10-18" (25.73 cm)	14-3/4" (37.4 cm)
13100	25 Ton	6-1/4" (15.75 cm)	10-3/4" (27.3 cm)



Hydraulic rams are used to break the back beads on earthmover wheels



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**13070**

## ALUM-A-STACK HYDRAULIC RAM KIT

- Convenient kit allows you to select your ram length
- 10 Ton ram includes 1" (2.5cm), 2" (5cm) and 3" (7.5cm) extensions
- Extensions can be used individually or joined
- Ships in carrying case
- Retracted height – 3.5" (9 cm)
- Stroke length – 1.5" (3.8cm)
- Weight 10 lbs (4.5 kg)



**13075**

## STEEL-A-STACK HYDRAULIC RAM KIT

- Versatile ram kit allows you to select your ram length from 3.5" (9 cm) up to 11.5" (29.21 cm)
- Extensions can be used individually or together
- Steel Extensions are durable enough for OTR applications
- Extensions include 1" (2.5 cm), 2" (5 cm), and 3" (7.5 cm) options
- 3" Extension includes a screw in saddle that extends another 2"
- Ships in HD carrying case
- 10 Ton 1.5" (3.8 cm) stroke



**13105**

## 25 TON ALUMINUM CYLINDER

- 25 Ton, 1.5" (4 cm) Stroke ram with magnetic extensions for inside beads of OTR Tires
- This tool is used on 3 and 5 piece OTR rims ranging from 25" to 51". It comes with 5 extensions (x1) 4" (10 cm), (x2) 2" (5 cm), and (x2) 1" (2.5 cm)
- Weight 6.5 lbs (3 kg)

Any pump can be used to work with our bead breakers. Shown below are our most popular kit combinations.

	 11000	 11010	 11015	 11020	 11030	 11044	 11076
 15000	12070	12000	12005	12002	12003	12004	12007
 15001	12091	12052	12053	12054	12051	12041	12056
 15025	12058	12059	12061	12063	12064	12066	12067
 15040	12011	12012	12013	12014	12055	12040	12016
 15900	12017	12010	12018	12019			12022
 15905	12033	12034	12025	12036			12039
 15920	12090	12020	12023	12021	12050	12045	12065
 15924	12038	12024	12041	12042	12043	12044	12046
 15925	12075	12015	12030	12047	12048	12049	12050
 15940	12026	12027	12028	12029	12057	12047	12032

\* Each kit includes 8' Hydraulic Hose & Coupler



## AIR/HYDRAULIC PUMPS

Air/Hydraulic pumps are the most popular method for powering tools out in the field. They offer speed and reliability at an affordable price. Since tire shops and service trucks have air compressors in order to fill tires, no additional tools or equipment are required to operate these pumps. When the pump is connected to an air supply, the air motor inside begins working, building hydraulic pressure along the way. This hydraulic fluid is delivered to hydraulic rams, jacks and bead breakers – and making life easier for anyone who uses them.

### WHICH PUMP IS BEST FOR ME?

Answering this question would be like trying to determine Ford vs. Chevy or Coke vs. Pepsi. Some people are indifferent and simply view them as transportation and soft drinks, but others are passionate about which is better and why. Our pumps are the same – some customers have preferences among our line and they will not consider another piece of equipment. We encourage you to look for the pump that best meets your needs, as there are many options (steel vs. plastic reservoir, standard air motor vs. turbo air motor, 5 quart capacity vs. 3.5 capacity, etc., etc.). Regardless of which pump you decide best meets your needs, AME will stand behind it. All of our pumps are field tested specifically for the tire industry. Regardless of your application, chances are, we've got the right pump for your needs.



## HOW MUCH OIL DO I NEED?

Pumps are measured by their oil capacity or reservoir. While this is the amount of oil that a pump can store, it does not directly relate to how much oil it can deliver. Not all oil can be delivered to a tool during operation, so more important is 'usable oil'. This can get tricky, as most people don't know the oil capacity of their cylinders, so even if they knew the oil capacity of the pump, it would not be much help. To make it simple, if you plan to operate a tool only, 2.5 quarts of oil will cover your needs. If you wish to operate a 55 ton hydraulic jack, disconnect a hose and then use a bead breaker, 5 quarts is ideal. Technically 3.5 quarts would work for this operation, but it leaves almost no room for oil loss, which does occur over time due to coupling and uncoupling hoses. Finally, if you are doing any work with 100 ton cylinders, its best to use the 2 gallon pump.

*For more information, see chart on page 31.*

## HOW CAN I EXTEND MY PUMP LIFE?

This is one of the most asked questions about air/hydraulic pumps. The short answer is to reduce air pressure and keep the pumps clean. Unfortunately, these are sometimes easier said than done. Commercial tires are often changed outside of a tire shop, in dirty, sandy or muddy conditions. In order for you to be able to operate the pump, there are some small crevices which allow you to activate the air motor inside the reservoir. Getting these nooks filled with dirt will shorten the life of the pump – and may leave you without a way to power your tools. Regulating the air is more easily achieved, with the use of an air pressure regulator or built in device. Setting the air pressure to around 100psi will allow the air motor to work easier and lengthen the life.



# 2.5 QUART TITAN AIR HYDRAULIC PUMPS

- Compact and Lightweight
- Available in 3 factory set pressure settings
- Ideal for rolling bridge jacks

Model	Max Pressure	Weight
15905	10,000 PSI (700 Bar)	14 lbs (6.4 kg)
15906	5,500 PSI (379 Bar)	14 lbs (6.4 kg)
15907	3,900 PSI (269 Bar)	14 lbs (6.4 kg)



Model 15907 is set at 3,900 psi

**15907**

2.5 QUART TITAN AIR HYDRAULIC PUMP, 3,900 PSI



**15905**

2.5 QUART TITAN AIR HYDRAULIC PUMP, 10,000 PSI



Model 15906 is set at 5,500 PSI

**15906**

2.5 QUART TITAN AIR HYDRAULIC PUMP, 5,500 PSI



Titan pumps are used in numerous applications



# 5 QUART TITAN AIR HYDRAULIC PUMP

- Builds 10,000 PSI (700 Bar) hydraulic pressure
- Operates with as little as 80 PSI (5.5 bar)
- Ideal for use with tools that require large volume of oil (55, 100 ton cylinders)
- 15925 - High Density Polyethylene Reservoir
- 15924 - Heavy Duty Steel Reservoir
- Durable metal air motor

**15925**



**15924**



**15075**

## TWO-SPEED HAND PUMP

- 10,000 PSI (700 bar) maximum operating pressure
- 134 cubic inches of usable oil
- Durable glass-filled nylon reservoir and nylon encapsulated aluminum pump base for maximum corrosion resistance
- Internal pressure relief valve for overload protection
- Two-speed operation is 78% faster than single speed pumps
- Low cost alternative to air hydraulic pumps
- Weight 24 lbs (11kg)



**15080**

## HYDRAULIC HAND PUMP

- 10,000 psi (700 bar) Maximum operating pressure
- 40 cubic inches of usable oil
- Length - 20.5" (52 cm)
- Type - Single-Speed
- Low cost alternative to air hydraulic pumps
- Weight 13 lbs (5.7 kg)





Model	Oil Capacity	Reservoir Type	Weight
15000	3.5 Quarts (3.25 Liters)	Polyglass	16 lbs (7.3 kg)
15020	5 Quarts (4.7 Liters)	Polyglass	23 lbs (10.4 kg)
15025	5 Quarts (4.7 Liters)	Steel	23 lbs (10.4 kg)
15040	2 Gallons (7.6 Liters)	Steel	41 lbs (18.6 kg)
15900	2.5 Quarts (2.36 Liters)	Polyethylene	14 lbs (6.4 kg)
15920	5 Quarts (4.7 Liters)	Steel	23 lbs (10.4 kg)
15940	2 Gallons (7.6 Liters)	Steel	36 lbs (16.32 kg)

## AIR HYDRAULIC PUMPS

- Builds 10,000 PSI of pressure to fit the majority of tools on the market
- Operates on 80-120 PSI of inlet air pressure. (Standard on most compressors and shop air)
- Durable Metal Air Motor Assemblies
- Designed specific to conditions normally associated with OTR sites



**15040**



**15020**



**15000**



**15025**



**15900**



**15920**



**15940**

## HIGH CAPACITY AIR PUMPS



**15605**



**15610**

- Rotary style air motor
- Two-speed operation for high speed cylinder advance
- Air motor capable of starting under full load

Model	Reservoir	Air Required	Valve Function	Usable Oil Capacity	Weight
15605	2 Gallon (7.6 Liters) Thermoplastic	20 CFM @ 80 PSI	Advance Return	295 Cubic Inches	40 lbs (18.1 kg)
15610	2.5 Gallon (9.5 Liters) Steel	50 CFM @ 80 PSI	Advance Hold Return	590 Cubic Inches	60 lbs (27.2 kg)

## HIGH CAPACITY ELECTRIC PUMPS

- Heavy duty pumps for multiple applications
- Equipped with remote control cord



**15700**



**15705**



**15710**

Model	Reservoir	Valve Type	Valve Function	Remote Length	Motor	Usable Oil Capacity	Weight
15700	2 Gallon (7.6 Liters) Thermoplastic	2-Way	Advance Return	10 ft (3.1 Meters)	1/2 hp, 110/115V* Inches	295 Cubic (20.4 kg)	45 lbs
15705	2.5 Gallon (9.5 Liters) Steel	2-Way	Advance Return	10 ft (3.1 Meters)	1/2 hp, 110/115V* 50/60Hz, Single Phase	375 Cubic Inches	53 lbs (34 kg)
15710	2.5 Gallon (9.5 Liters) Steel	3-Way	Advance Hold Return	25 ft (7.6 Meters)	1 1/8 hp, 110/115V* 50/60Hz, Single Phase	525 Cubic Inches	65 lbs (24.5 kg)

\* Available with 220V, 50Hz motor (to order, place suffix "M220" behind pump model number).

**15001**

## HIGH FLOW AIR HYDRAULIC PUMP

- Higher oil flow for increased productivity.
- Closed Hydraulic system prevents contamination
- “Bladder” system prevents loss of prime and limits on usage
- Locking function for retraction
- Weight 24 lbs (11 kg)



**15500**

## SUPERCHARGER HYDRAULIC PUMP

- Operate jacks and bead breakers from your crane hydraulic system
- Hydraulic flow does not slow down under pressure
- 4 Gallon capacity (15.2 L)
- Can be added to any service truck in the field
- Radio control pendant allows you to operate remotely



Remote control allows operator to move freely while using tools

**15901**

## MILLER MUD FLAP

- Fits AME 15920 and IMT style pumps
- Prevents dirt from contaminating the release valve
- Inexpensive solution to the improve the service life of your pump
- Patent Pending





## HYDRAULIC HOSES

- 10,000 psi (700 bar) working pressure hydraulic hose
- Equipped with 3/8" NPT ends, including one swivel end
- Meets IJ100 Jack Hose specification
- Each hose is tagged with laminated 'Do Not Remove' tags for OSHA compliance

Hose Length	No Coupler	Hi Flow Male (16050)	Complete Hi Flow (16000)	Quick Connect Female (TC-371)	Complete Coupler (TC-370)
6'	16116	16016	16160	16116-TC	16160-TC
8'	16100	16040	16030	16100-TC	16030-TC
10'	16105	16045	16035	16105-TC	16035-TC
12'	16120	16010	16025	16120-TC	16025-TC
18'	16110	16015	16020	16110-TC	16020-TC

Custom sizes available.

## HIGH FLOW HYDRAULIC COUPLERS

- Model 16000 - Complete coupler set
- Interchange with Enerpac C604 and Power Team/OTC 9795
- Plastic Dust cover available, model CD411
- Model 16050 - Male half
- Model 16060 - Female half



## QUICK CONNECT HYDRAULIC COUPLERS

- 10,000 PSI (700 bar) quick connect coupling, 3/8" NPT
- Parker Series couplings
- Interchange with IMT couplings
- Model TC-370 complete set
- Model TC-371 - Female half
- Model TC-372 - Male half



## 19500 AME PREMIUM HYDRAULIC OIL, 1 GALLON

- Recommended for use with all AME hydraulic tools
- Operating temperature rating to -40 degrees Fahrenheit/Celsius
- Anti-wear, anti-sludge, anti-rust, anti-foam additives
- Meets FMC Hi-Performance, Hydraulic Oil, Grade 32 requirements
- Can be shipped via UPS

## BEAD BREAKER AND LIFTING CYLINDER FAQ



We are often asked which pumps will work with which tools. To help alleviate confusion, below is a Usage vs Supply chart. All AME pumps generate 10,000 psi of hydraulic pressure and all AME bead breakers and rams have a maximum working load rating when 10,000 psi is applied. For example, a 10-ton ram exerts 10 tons of

force when 10,000 psi of hydraulic pressure is supplied. Larger pumps (5 qt. or 2 gallon) exert the same 10,000 psi hydraulic pressure but hold more oil. More oil is sometimes necessary on larger 100-ton or 150-ton rams, as they have a large volume of space in the cylinder to be filled to reach the maximum height.

Hydraulic Pump Hydraulic Oil Available		Bead Breaker/Ram Hydraulic Oil Needed				Oil Required to Fill A New Hydraulic	
Part No.	CU/IN.	Part No.	CU/IN.	Part No.	CU/IN.	Part No.	CU/IN.
15000	127	11000	10	13060	4	16100	11
15010	116	11010	20	13070	4	16105	14
15020	230	11020	20	13081	68	16110	25
15025	289	11030	33	13090	43	16116	8
15030	219	11040	23	13100	33	16120	17
15035	278	11050	5	13120	71		
15040	450	11060	30	13121	71		
15050	439	11075	25	13140	115		
15900	105	11080	6	13141	115		
15905	144	11090	20	13154	74		
15910	94	13000	129	13155	135		
15920	185	13010	5	13156	210		
15930	174	13020	10	13160	210		
15940	570	13030	14				
15950	559	13040	20				
15075	134	13050	23				
15080	40						

**TOOL  
TALK**

## ALUMINUM JACKS

Aluminum jacks are popular among tire dealers due to their weight. In many cases, these jacks may be as much as half the weight of their steel counterparts. 55 Ton jacks were the first generation of jacks, although as vehicles have gotten larger and capacities increased, more dealers are opting for 100 Ton jacks.

## ALUMINUM VS. STEEL

The aluminum that is used in hydraulic jacks is designed for high pressure. Similar to the makeup of material used in aerospace, the aluminum offers high strength with light weight. Aluminum jacks offer longevity and durability like their steel counterparts.

## LOCKING COLLARS

A unique feature available with aluminum cylinders is the ability to include a locking cylinder on the jack. This device allows for the mechanical locking of the cylinder, so the unit can safely be used not only to lift the load, but also to support the load. It is important to know that without the use of a locking collar that jacks should be used only to lift the load. When lifting only with jacks, a load should then be lowered onto stands or cribbing in order to comply with OSHA regulation 29CFR1926.305.



**13081**

## 55 TON ALUMINUM JACK, DELUXE

- Includes “Shut-Off Valve” to allow the pump to be removed while ram is extended
- Aluminum base plate for stability during field use
- Extra thick aluminum cylinder walls measure .80” (2 cm) for heavy duty use
- Advanced piston coating resists scarring for longer life
- Stroke 6” (15cm)
- Retracted height – 12.25” (31.115 cm)
- New/Improved
- New stop ring design specifically for tire industry
- Reduces side load damage
- Weight – 24.5 lbs (11.1 kg)



New DUO-RING™ System

**13005**

## BLACK JACK SERIES ALUMINUM JACK

- 75 Ton Capacity
- 6” (15 cm) Stroke
- 12” (30.5 cm) retracted height
- 18” (48 cm) max. height
- 38 lbs (17 kg) weight



**13000**

## BLACKJACK SERIES ALUMINUM JACK

- 100 ton capacity
- 6” (15 cm) stroke
- 12” (30.5 cm) retracted height
- 18” (48 cm) max. height
- 53 lbs (24 kg)





## BLACKJACK SERIES ALUMINUM JACKS

- Lightweight aluminum for easily handling and placing under the vehicle
- Includes “Shut-Off Valve” which allows the pump to be removed while the ram is extended
- Aluminum base plate included on 55 Ton models

**13121**

### PRO SERIES

- 55 ton capacity
- Recessed base plate allows jacks to nest inside
- Low profile saddle ensures precise lifting
- Stroke – 6” (15cm)
- 11.75” (30cm) retracted height
- 18.25” (46 cm) max. height
- 29 lbs (13.2 kg)



**13120**

- 55 ton capacity
- 6” (15 cm) stroke
- 12.25” (31 cm) retracted height
- 18.25” (46 cm) max. height
- 29 lbs (13.2 kg)



**13141**

### PRO SERIES

- 55 ton capacity
- 10” (25 cm) Stroke
- Recessed base plate allows jacks to nest inside
- Low Profile saddle ensures precise lifting
- 15.75” (41 cm) retracted height
- 25.75” (66.5 cm) max. height
- 38 lbs (17.2 kg)



**13140**

- 55 ton capacity
- 10” (25 cm) stroke
- 16.25” (41 cm) retracted height
- 26.25” (66.5 cm) max. height
- 38 lbs (17.2 kg)



## LOCKING COLLARS FOR 55 TON CYLINDERS

- Interlocking feature allows for secure stacking
- Maximum stack 3 high per cylinder
- Locking collars 1.5" (3.8 cm)
- High grade aluminum material
- Available for both 13120 and 13081 cylinders
- Model # 13082 for 13081 Cylinder
- Model # 13123 for 13120 Cylinder



## EXTENSION FOR 55 TON CYLINDERS

- 1.75" (4.5 cm) added height to reduce travel
- Added height for equipment just shy of lifting point
- Heavy Duty Steel Construction
- Model # 13083 for 13081 Cylinder
- Model # 13124 for 13120 Cylinder



**13122**

## SHUT OFF VALVE ASSEMBLY

- Allows pump to be removed while ram is extended
- For use with single acting hydraulic cylinder
- Rated at 10,000PSI (700BAR)



**13121-SBK**

## SBK-SADDLE BASE CONVERSION KIT

- Reduces point loading of the saddle
- Recessed base plate reduces broken bolts. No more bent/broken corners.
- More stable lifting platform
- Upgrade your existing 55 ton jack
- Works on models 13120 and 13140





**13150**

## 150 TON DOUBLE ACTING STEEL JACK

- Perfect for lifting large equipment or mine vehicles
- Double acting cylinder controls the load on the raise and the lower
- Must be used with Double Acting pump, P/N 15085, and 2 Hydraulic Hoses, P/N 16100
- Collapsed Height - 13.60" (34.6 cm)
- Stroke Length - 8" (20.3 cm)
- Weight: 172 lbs. (78 kg)



**13154**

## LOAD LOCK'R ALUMINUM JACK

- Aluminum Lock Nut provides mechanical load holding for extended periods
- Composite bearings increase cylinder life and side load resistance
- Equipped with bolt-on hardened steel saddle
- Hard coat finish resists damage and extends cylinder life

Model	Capacity (Tons)	Stroke	Retracted Height	Max. Height	Weight
13154	50	6" (15 cm)	13.2" (33.5 cm)	19.1" (48.5 cm)	26.2 lbs (11.9 kg)
13155	100	6" (15 cm)	15.6" (39.6 cm)	21.5" (54 cm)	58 lbs (26 kg)
13156	150	6" (15 cm)	16.7" (42.3 cm)	22.6" (57.3 cm)	88.6 lbs (40 kg)



**13160**

## 150 TON ALUMINUM JACK

- Extra thick aluminum cylinder walls measure .80" (2 cm) for heavy duty use
- Advanced piston coating resists scarring for longer life
- Stroke 6" (15cm)
- New stop ring design specifically for tire industry
- Reduced side load damage
- Retracted Height – 13.5" (34.3 cm)
- Weight – 73 lbs (73.4 kg)



## **TOOL TALK**

High capacity mobile Jacks are often called mining jacks. Our line of mining jacks are designed for high volume use on a wide range of OTR equipment. Ruggedized for mining, our line of products will help you lift the heaviest equipment in your fleet safely and efficiently.

## **RELIABILITY**

Drawing on years industry knowledge and best practices our jacks are constructed to the highest standards. We pride ourselves on being the quality leader when it comes to lifting your equipment. We back these claims with award winning customer service and warranties.


## **SAFETY**

AME International keeps the highest standard of safety with our line of Mining Jacks. Our products are designed with the user in mind. The operator can emplace and use our jacks without getting under the load. We feature hydraulic safety valves and offer load support ranging from stands to locking collars.




## POW'R-RISER II® LIFTING JACK

- 60, 100, 150 and 200-ton capacities with pneumatic or electric pumps for the toughest jobs
- 4" ground clearance for transport over rail and rough terrain
- Three position handle provides easy tilt back and transport
- Complies with ASME/ANSI B30.1 specifications
- Easy-to-change external filter minimizes down time
- Rugged, fully enclosed 24" wide frame with no exposed fittings or hoses
- SUP-R-STACK™ Extension System allows lifting at all heights without blocking



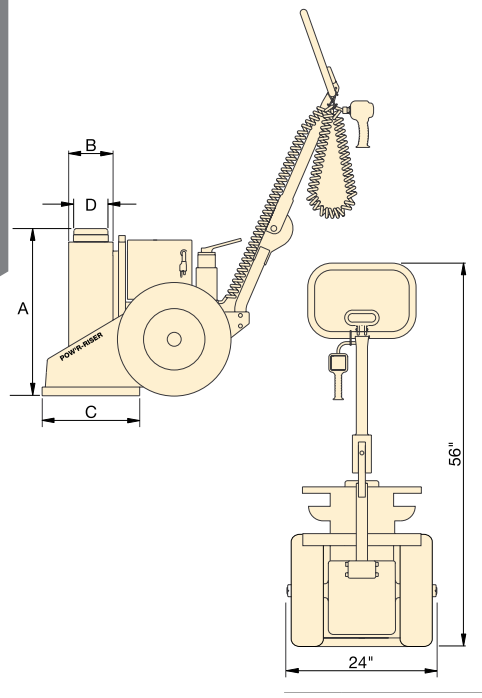
**SUP-R-STACK™ Extensions**  
Increase useful height from 5" to 18".

Model No.	Size (in)	Model No.	Size (in)
PRE5	5	PRE11	11
PRE7	7	PRE14	14
PRE9	9	PRE18	18
PRES6024	Extension set includes PRE5, PRE7, PRE11 and PRE18		



**Spacers**  
Fine tune your Extension stack height.

Model No.	Size (in)	Model No.	Size (in)
PRS1	1	PRS3	3
PRS2	2	-	-
PRS4	Set includes (2) PRS1, (1) PRS2 and (1) PRS3		



Cap. (ton)	Swivel Load Cap	Locking U-Rings					Set Model Number	Locking U-Ring Sets Include
		1 in.	3 in.	4½ in.	5½ in.	10 in.		
60	PRTS60	PRU11	PRU13	PRU14	-	PRU110	1) PRUS126 2) PRUS137	(2) PRU11, (1) PRU13, (2) PRU14 (2) PRU11, (1) PRU13, (2) PRU14 (1) PRU110
		PRU11	PRU13	PRU14	-	PRU110	1) PRUS126 2) PRUS137	(2) PRU11, (1) PRU13, (2) PRU14 (2) PRU11, (1) PRU13, (2) PRU14 (1) PRU110
100	PRTS60	PRU11	PRU13	PRU14	-	PRU110	1) PRUS126 2) PRUS137	(2) PRU11, (1) PRU13, (2) PRU14 (2) PRU11, (1) PRU13, (2) PRU14 (1) PRU110
		PRU11	PRU13	PRU14	-	PRU110	1) PRUS126 2) PRUS137	(2) PRU11, (1) PRU13, (2) PRU14 (2) PRU11, (1) PRU13, (2) PRU14 (1) PRU110
150	PRTS150	PRU151	PRU153	-	PRU155	PRU1510	1) PRUS1526 2) PRUS1537	(2) PRU151, (1) PRU153, (2) PRU155 (2) PRU151, (1) PRU1510, (2) PRU155
		PRU151	PRU153	-	PRU155	PRU1510	1) PRUS1526 2) PRUS1537	(2) PRU151, (1) PRU153, (2) PRU155 (2) PRU151, (1) PRU1510, (2) PRU155
200	PRTS200	PRU201	PRU203	-	PRU205	PRU2010	1) PRUS2026 2) PRUS2037	(2) PRU201, (1) PRU203, (2) PRU205 (2) PRU201, (1) PRU2010, (2) PRU205
		PRU201	PRU203	-	PRU205	PRU2010	1) PRUS2026 2) PRUS2037	(2) PRU201, (1) PRU203, (2) PRU205 (2) PRU201, (1) PRU2010, (2) PRU205

1) For 14 and 16" stroke models  
 2) For 27" stroke models 3) For 15.5 stroke models  
 \*Based on one 18" and one 11" Extension and one 3" Spacer.  
 \*\*Based on one 18" Extension and one 3" Spacer.

Capacity (ton)	Stroke (in)	Electric Pump Model Number (115 VAC)	Weight (lbs)	Air Pump	Weight (lbs)	A	B	C	D	Valve Type
60	14	PREMB06014L	390	PRAMA06014L	390	24	6.4	14	4	Manual
	27	PREMB06027L	600	PRAMA06027L	600	37	6.4	14	4	
100	16	PREMB10016L	510	PRAMA10016L	510	26	7.0	18	4	Pneumatic
	27	PREMB10027L	600	PRAMA10027L	600	37	7.0	18	4	
	16	-	-	PRASA10016L	510	26	7.0	18	4	
150	27	-	-	PRASA10027L	600	37	7.0	18	4	Pneumatic
	15.5	-	-	PRASA15016L	570	26	8.0	18	5	
	26.5	-	-	PRASA15027L	708	37	8.0	18	5	
	15.5	PREMB15016L	570	-	-	26	8.0	18	5	Manual
26.5	PREMB15027L	708	-	-	37	8.0	18	5		
200	15.5	-	-	PRASA20016L	640	26	9.5	18	6	Pneumatic
	26.5	-	-	PRASA20027L	825	37	9.5	18	6	

Also Key For Valve Type

# SUPERLIFT JACKS

- Air/Hydraulic Mining Jacks from 100 – 250 Ton
- Each jack comes with custom extensions based on your specific application
- Electric power unit available
- Optional Power Drive System available on jacks 150 Ton and larger. Power Drive System self propels SLJ Jack over terrain with no effort from operator



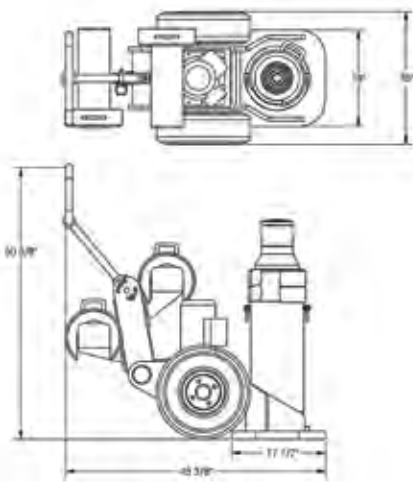
Model	Capacity (Tons)	Minimum Height	Maximum Height	Total Width	Frame Length	Handle Height	Cylinder Base	Weight
SLJ10027	100	27" (69 cm)	43" (109 cm)	29" (74 cm)	96" (244 cm)	40" (101 cm)	13" (33 cm)	771 lbs (350 kg)
SLJ10038	100	38" (97 cm)	65" (165 cm)	29" (74 cm)	96" (244 cm)	40" (101 cm)	13" (33 cm)	851 lbs (386 kg)
SLJ15027	150	27" (69 cm)	43" (109 cm)	29" (74 cm)	96" (244 cm)	40" (101 cm)	15" (38 cm)	794 lbs (360 kg)
SLJ15038	150	38" (97 cm)	65" (165 cm)	29" (74 cm)	96" (244 cm)	40" (101 cm)	15" (38 cm)	905 lbs (410 kg)
SLJ20027	200	27" (69 cm)	43" (109 cm)	32" (82 cm)	96" (244 cm)	40" (101 cm)	15" (38 cm)	1243 lbs (564 kg)
SLJ20038	200	38" (97 cm)	65" (165 cm)	32" (82 cm)	96" (244 cm)	40" (101 cm)	15" (38 cm)	1345 lbs (610 kg)
SLJ25027	250	27" (69 cm)	43" (109 cm)	32" (82 cm)	96" (244 cm)	40" (101 cm)	15" (38 cm)	1415 lbs (640 kg)
SLJ25038	250	38" (97 cm)	65" (165 cm)	32" (82 cm)	96" (244 cm)	40" (101 cm)	15" (38 cm)	1555 lbs (705 kg)



# AME RHINO II



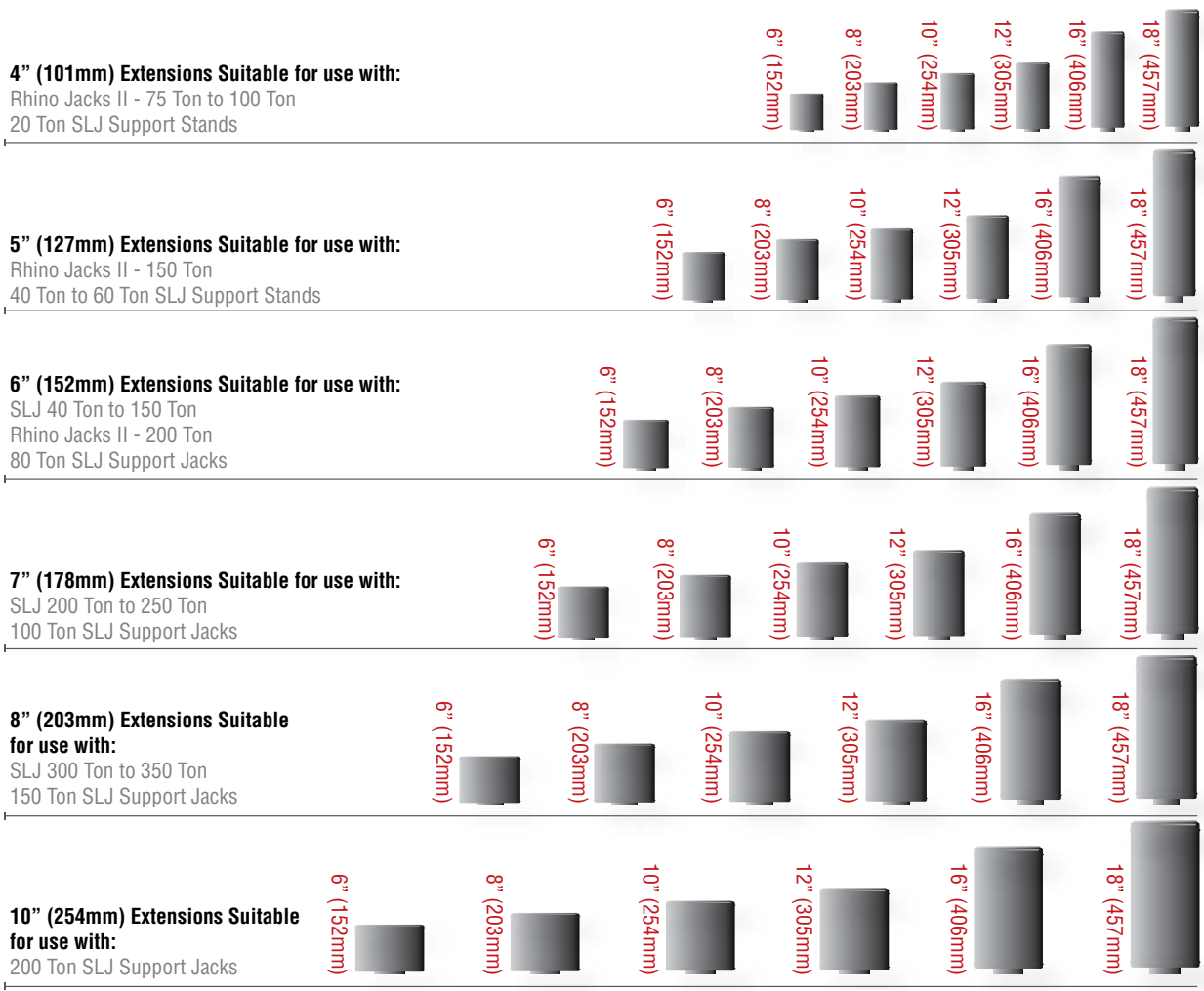

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DEMONSTRATION



Model	Stroke	Capacity (Tons)	Minimum Height	Max Height	Weight (LBS.)
RJ2-10027	15 1/2"	100	27" (69 cm)	42 1/2" (107 cm)	617
RJ2-10038	26 1/8"	100	38" (96.5 cm)	64 1/8" (163 cm)	736
RJ2-15027	14 3/4"	150	27" (69 cm)	42" (107 cm)	720
RJ2-15038	25 3/8"	150	38" (96.5 cm)	63 3/8" (161)	899
RJ2-20027	14"	200	27" (69 cm)	42" (107 cm)	826
RJ2-20038	24 1/2"	200	38" (96.5 cm)	62.5" (158.75 cm)	1059



# Extension Chart for SL Jacks, Rhino II Jacks & Equipment Support Systems



## Locking Collar Sets



Model	Description
SLJLC150K	Locking Collar Set for SuperLift & Rhino II Jacks (100 to 150 Ton). Included are Locking Collars: SLJLC150-1, SLJLC150-2, SLJLC150-3, SLJLC150-6, SLJLC150-AR, SLJLC150-TC
SLJLC350K	Locking Collar Set for SuperLift & Rhino II Jacks (200 to 350 Ton). Included are Locking Collars: SLJLC350-1, SLJLC350-2, SLJLC350-3, SLJLC350-4, SLJLC350-AR, SLJLC350-TC

Model	Description
SLJST	SuperLift Jack Stand Transporter
SLJS100	100 Ton Support Stands
SLJS200	200 Ton Support Stands

## SUPERLIFT JACK STANDS

- Available in 100 and 200 ton capacity
- Uses same extensions as on the Superlift Jack series
- Custom heights can be determined upon order to meet the customer's needs
- Saddle and custom extension supplied with each stand
- Certificates of conformity supplied for international and domestic requirements



**SLJST**

## SUPERLIFT JACK STAND TRANSPORTERS

- Support weight with engineered safety stands
- Meets international safety standards
- Heavy duty steel plate to ensure longevity
- Transporter allows for easy placement
- 2 extensions supplied with each stand



**SLJST200**



**SLJST100**

## TIRE PRESS CENTER FEATURES:

- The Tire Press Center can change any large diameter tire size up to the largest 63” and on to the next generation of tire sizes
- The Tire Press Center can dismount tires 33”,35”,39”,45,49”,51”and 63”
- Small tire diameter auxiliary equipment option able to dismount tires from 20”, 22”,25”, 29”,33” and 35” with locking cabinet
- Safety and speed are assured as this press can dismount tire assemblies in minutes
- During the mounting of the tire, the press can seat the bead seat band and can also act as a safety cage during inflation, providing safety for the tire crew
- Enormous labor savings
- Reduces spare inventory requirements through speed of operation
- Simple to operate and highly dependable in any climate, inside the shop or outside on the tire pad. The Tire Press will operate on any flat surface.
- Remote function control of hydraulics providing safety during loading and unloading of tire assemblies
- Patented slide table provides better clearance for tire manipulator during loading and unloading
- Trained personal will assist in assembly and training of staff providing SAFETY, SPEED AND PERFORMANCE for your Tire Press Center



**\*Ask an AME representative for a brochure on a tire press model of your choice\***



The use of Super Stacker Cribbing (composite cribbing) in applications where wood and lumber were used, represents a commitment to certified safety that will outlast traditional wood cribbing 50 to 1. As it does not deteriorate, rot, splinter or fade; Super Stacker Cribbing is the safest choice when servicing or cribbing Heavy Duty OTR equipment. If your application requires markings or colors for safety, AME Super Stacker Cribbing can accommodate.

Super Stacker blocks are designed to provide superior crib stability compared to standard hardwood and softwood products. They will not fail catastrophically like wood cribbing. In addition, unlike wood products, Super Stacker cribbing blocks do not splinter or absorb fluids. Convenient sizes help to quickly and safely build stable cribs to support loads.

## PRODUCT FEATURES:

- Low maintenance
- Ultraviolet stabilizer against ultraviolet degradation (will not degrade if exposed to the sun)
- Long life expectancy
- No rotting or splintering
- Pyramid surface allows for a variety of stacking patterns
- If needed, Super Stacker cuts, drills and secures just like wood
- Available in safety yellow
- Environmentally friendly
- Resistant to marine borers, termites, fungus, salt and oils

# How Long Will This Wood Last?



**FAILED AT 17,556 LBS**

AME Superstacker Cribbing is certified by 3rd party critics to meet the most stringent safety standards. Certificates of testing are included on each shipment along with stacking configuration instructions.

When lifting only with jacks, a load should then be lowered onto stands or cribbing in order to comply with OSHA regulation 29CFR1926.305.

**OSHA 1926.305(d)(1)(i):**

After the load has been raised, it shall be cribbed, blocked, or otherwise secured at once.



## Accreditations

TTML recently underwent a Nadcap audit which was renewed in April 30, 2012. Tensile Testing Metallurgical Laboratory (TTML) also successfully completed the ISO/IEC 17025:2005 assessment and obtained the updated Scopes of Accreditation from American Association for Laboratory Accreditation (A2LA) which is valid to May 31, 2013.

For the latest copies of accreditations, visit the website [www.ttml.com](http://www.ttml.com) or contact James Rauckhorst, Q. A. Manager at [jrauckhorst@ttml.com](mailto:jrauckhorst@ttml.com). Thank you for your continued support.

 Accredited to: A2LA Approved by: Boeing, Conoco Being: GEAE, Mission Dometry	 Tensile Testing has other approvals to: Automotive, Aerospace, Nuclear, Power Generation Tensile Testing continuously audits new approvals and welcomes audits.
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Please refer to A2LA & Nadcap Scopes of Accreditation for complete services available at TTML.

Tel: (216) 641-3290 • Fax: (216) 641-1223

TTML TENSILE TESTING METALLURGICAL LABORATORY

4420 Wilbur Parkway  
Cleveland OH 44128

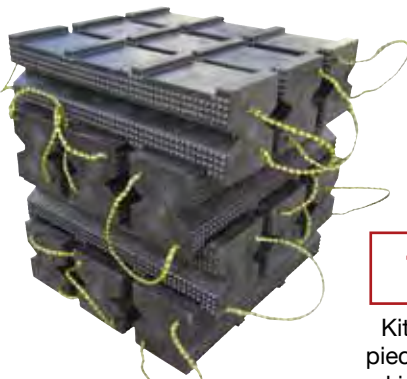
TENSILE		YIELD STRENGTH		TENSILE STRENGTH	
LOADING RATE	TEST SPEED	LOADING RATE	TEST SPEED	LOADING RATE	TEST SPEED
40,000	0.05	40,000	0.05	40,000	0.05
60,000	0.05	60,000	0.05	60,000	0.05
80,000	0.05	80,000	0.05	80,000	0.05
100,000	0.05	100,000	0.05	100,000	0.05
120,000	0.05	120,000	0.05	120,000	0.05
140,000	0.05	140,000	0.05	140,000	0.05
160,000	0.05	160,000	0.05	160,000	0.05
180,000	0.05	180,000	0.05	180,000	0.05
200,000	0.05	200,000	0.05	200,000	0.05
220,000	0.05	220,000	0.05	220,000	0.05
240,000	0.05	240,000	0.05	240,000	0.05
260,000	0.05	260,000	0.05	260,000	0.05
280,000	0.05	280,000	0.05	280,000	0.05
300,000	0.05	300,000	0.05	300,000	0.05



**15002**

**STEEL CRIB KIT**

- Steel cribbing is durable - will not bend or warp
- Model 15002 is complete set - includes 3", 6" and 9" stands
- Units can be nested together for 18" total lift
- Recessed area on cribbing fits 7" square plate on 55 ton cylinders
- Each units contains carrying handle
- Model 15012 - 3" Crib Stand
- Model 15022 - 6" Crib Stand
- Model 15032 - 9" Crib Stand



**15260**

Kit provides 12 pieces of cribbing and is ideal for lifting up to 150 tons

**SUPER STACKER CRIBBING BLOCKS**

- Certified and Tested
- Multiple sizes, shapes fit most applications
- Interlocking or aggressive non-slip surface
- Non-conducting plastic resists oil and most chemicals
- Does not splinter, like wood
- Carrying lanyards provided on all 6" x 7" and on yellow 4" x 4" crib blocks
- Made from 100% recycled plastic
- Rated up to 298,000 lbs (135,000 kg), depending on configuration
- Can be used with Lincoln log mating or pyramid mating
- Model 15255 Kit includes (6) 15230, (3) 15210 and (1) 14465
- Model 15260 Kit includes (12) 15230 (150T) capacity when used in 3 block configuration



The FR Industrial Kit is ideal for use up to 85 tons

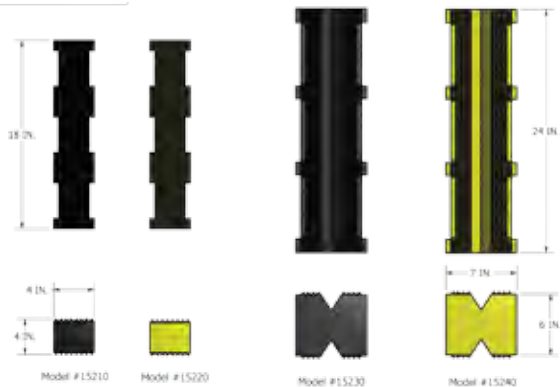


**15255**

Model	Dimensions	Color
15210	4" x 4" x 18"	Black
15220	4" x 4" x 18"	Yellow
15230	6" x 7" x 24"	Black
15240	6" x 7" x 24"	Yellow



SCAN THIS BARCODE FOR A VIDEO DEMONSTRATION

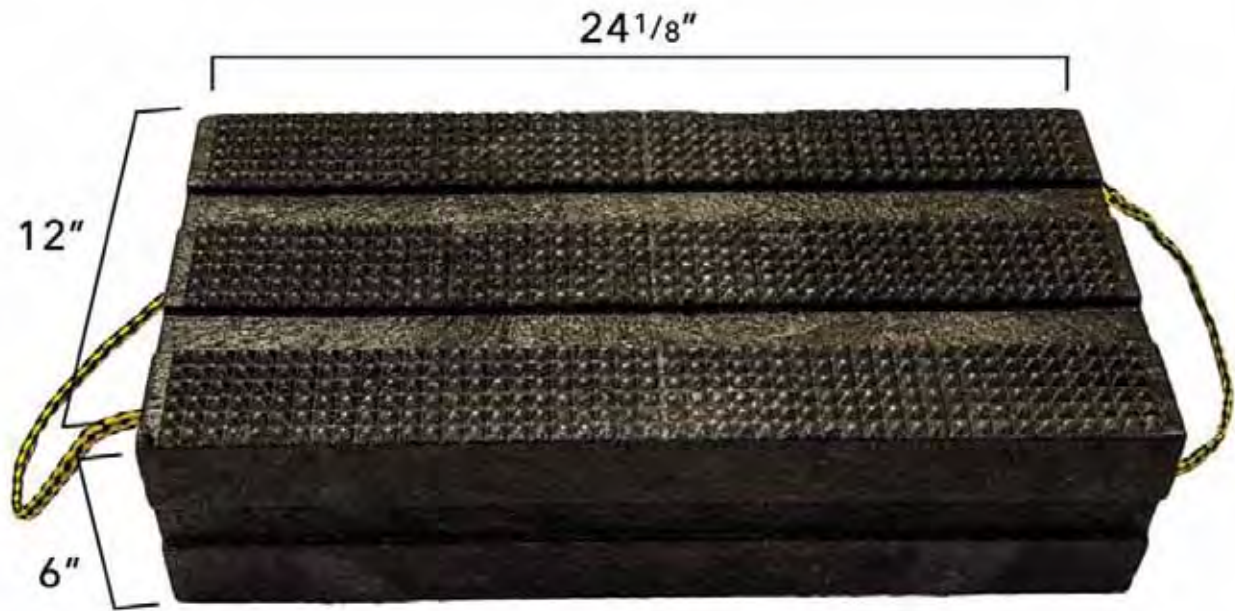


Kit Number	15210	15220	15230	15240	Jack Plate
15260			12		
15255	3		6		14465
15255-Y		3		6	14465
15252	3		3		14465
15254			24		14468
15257			27		14468
15262			12		14466

# THE SLAB™ SUPER CRIB

- Reassurance on the largest jobs
- Heavy duty construction
- Available in full slab or half slab

Item No.	Description	Weight
15231	6" x 12" x 24"	80 lbs
15232	6" x 12" x 12"	40 lbs



AME Superstacker Cribbing is used in applications other than OTR as well!





**15245**

### **SUPER CRIB**

- Reassurance on the largest jobs
- Heavy duty construction

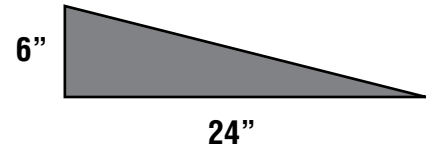
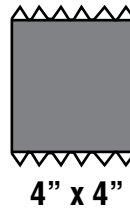
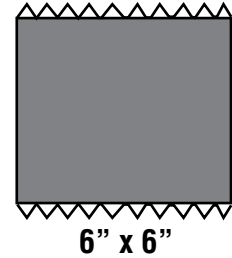
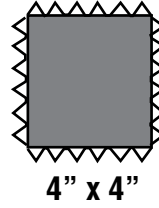
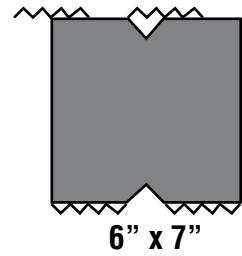
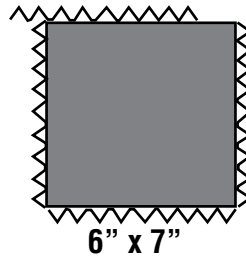
Item No.	Description	Weight
15245	6" x 7" x 30"	17 lbs



# CUSTOM CRIB PROFILES

- Larger vehicles
- Railroad
- Construction
- Mining
- Dewatering
- Reassurance on the largest jobs
- Heavy duty construction
- Lanyard available

Item No.	Dimensions	Weight
15201	6" x 6" x 36"	38 lbs
15202	4" x 4" x 36"	15 lbs
15203	4" x 4" x 30"	17 lbs
15235	6" x 7" x 24"	27 lbs
15234	6" x 7" x 24"	27 lbs
15231	6" x 12" x 24"	80 lbs





**15570**

## HOSE BRIDGE SET

- Openings: Two 5" / Two 4" / Two 3"
- 4 piece kit
- Puzzle piece shapes for any configuration
- 14,000 lbs per axle load capacity
- 70" x 24.5" x 64.25"
- Weight 52 lbs (208 kg)

**15571**

## SUPER HOSE BRIDGE SET

- Accepts 6" and 8" I.D. hose and O.D, 10.25"
- 6 piece kit
- Puzzle piece shapes for any configuration
- 14,000 lbs per axle load capacity
- 126" x 24.5" x 12.25"
- Weight 83 lbs (500 kg)

# OFF-ROAD URETHANE - WHEEL CHOCKS



## CHOOSING THE RIGHT MODEL



**TIRE DIAMETER:** Be sure to pick the necessary Checkers wheel chock based upon your vehicle's tire diameter.

**GROSS VEHICLE OPERATING WEIGHT:** Be sure you understand the vehicle's gross operating weight to ensure you select the correct wheel chock for your specific requirement.

**SURFACE:** Know what type of ground you will be placing your wheel chock on when making your selection. Whether it's a gravel or paved surface, Checkers manufactures wheel chocks that adhere to all types of surfaces.

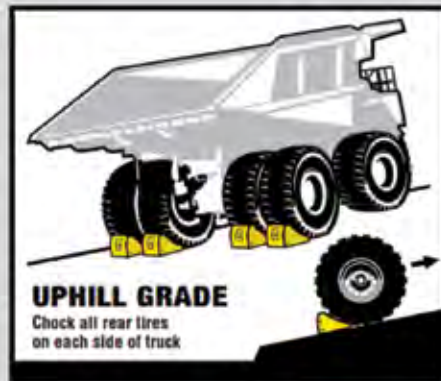
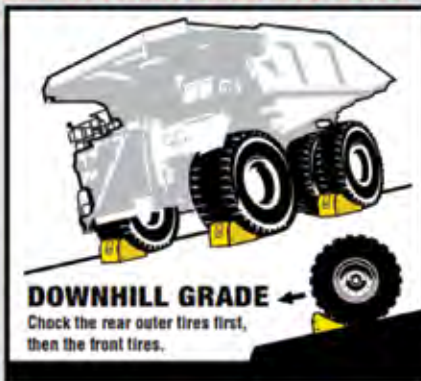
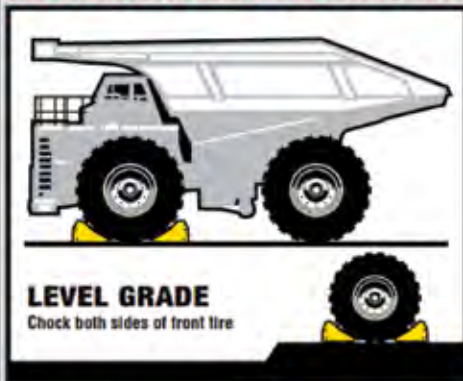
## TIRE DIAMETER RANGE

**GROSS VEHICLE OPERATING WEIGHT**

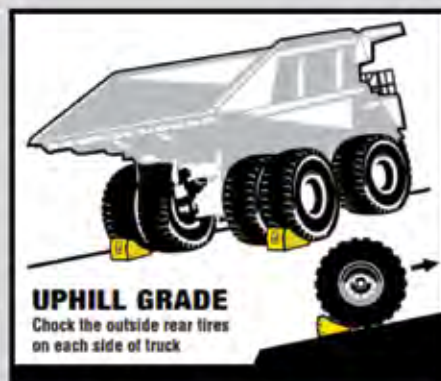
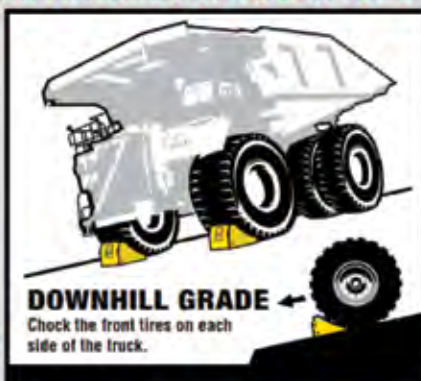
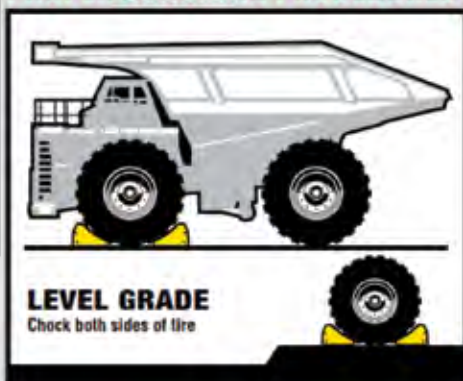
	UP TO 32" DIA. (81.3 cm)	UP TO 35" DIA. (88.9 cm)	UP TO 38" DIA. (96.5 cm)	UP TO 45" DIA. (116.8 cm)	UP TO 65" DIA. (165.1 cm)	UP TO 95" DIA. (241.3 cm)	UP TO 105" DIA. (266.7 cm)	UP TO 142" DIA. (360.7 cm)	UP TO 165" DIA. (419.1 cm)
Up to 30,000 lb. (13,608 kg)	-	-	-	-	15305	15321	-	-	-
Up to 40,000 lb. (18,144 kg)	-	-	-	-	15305	15321	15310	-	-
Up to 50,000 lb. (22,680 kg)	-	-	-	-	15305	15321	15310	-	-
Up to 60,000 lb. (27,216 kg)	-	-	15313/15314	15311/15312	15305	15321	15310	-	-
Up to 70,000 lb. (31,751 kg)	-	-	15313/15314	15311/15312	15305	15321	15310	-	-
Up to 80,000 lb. (36,287 kg)	15313/15314	15313/15314	15313/15314	15311/15312	15305	15321	15310	-	-
Up to 150,000 lb. (68,039 kg) *35 ton	-	-	-	15311/15312	15305	15321	15310	15320	15315
Up to 245,000 lb. (111,130 kg) *70 ton	-	-	-	15305	15305	15321	15310	15320	15315
Up to 366,000 lb. (166,015 kg) *100 ton	-	-	-	15321	15321	15321	15310	15320	15315
Up to 550,000 lb. (249,476 kg) *185 ton	-	-	-	-	15310	15310	15310	15320	15315
Up to 655,000 lb. (387,821 kg) *240 ton	-	-	-	-	15320	15320	15320	15320	15315
Up to 1,800,000 lb. (725,748 kg) *400 ton	-	-	-	-	-	15315	15315	15315	15315 (4 Required)

NOTE: Diagrams shown are for land vehicle use only. For more detailed information and for aviation check user guidelines, visit our website at [www.checkersindustrial.com](http://www.checkersindustrial.com).

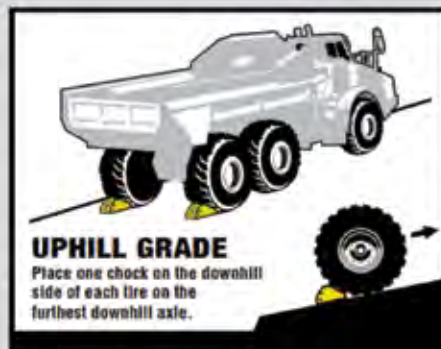
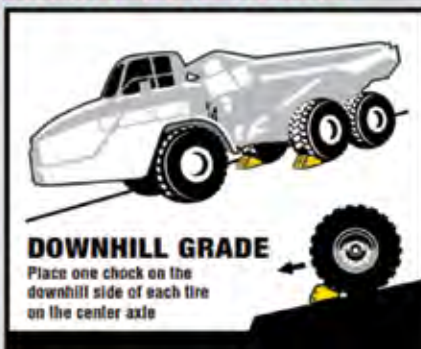
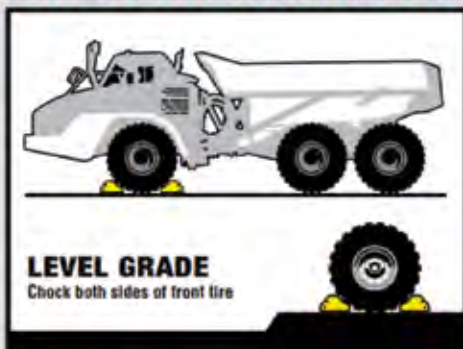
**PROPER CHOCKING PROCEDURES FOR PAYLOADS OVER 240 TONS**



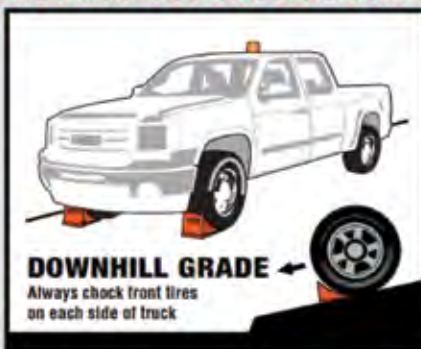
**PROPER CHOCKING PROCEDURES FOR PAYLOADS UP TO 240 TONS**



**PROPER CHOCKING PROCEDURES FOR ARTICULATED TRUCKS**



**PROPER CHOCKING PROCEDURES FOR VEHICLES WITH TWO OR MORE AXLES**



# PROPER CHOCKING PROCEDURES FOR WHEEL CHOCKS



## ⚠ WARNING



Place chock in the center and square to tire.



Position chock snugly against tire tread.

## WHEEL CHOCK USER GUIDELINES

**IMPORTANT SAFETY WARNINGS AND INSTRUCTIONS:** Wheel chocks are effective and safe holding devices when used properly. Users must comply with all warnings and instructions provided with the Checkers wheel chock product. Wheel chocks must be used in pairs, positioned downhill firmly against the tire and below the truck's center of gravity. This could mean chocking in front of the front wheels if the truck is disabled while traveling down a grade or chocking the back of the rear wheels if the truck is disabled while traveling up a grade. This could also mean chocking the front and back of one wheel if the direction of the grade cannot be determined, or even using multiple pairs of chocks in severe conditions. Wheel chocks must also be positioned firmly and squarely against the center of the tire tread. Improper positioning decreases the wheel chock's effectiveness. Although these are generally accepted chocking procedures, it is the responsibility of the end user to make the final determination about proper chocking of a vehicle under the circumstances presented.

It is our goal to educate end users on the proper use of wheel chocks. We want to create safety awareness so that users can avoid the potentially severe dangers of not using wheel chocks, or not using them properly.

Many factors must be considered before using wheel chocks. The user must take into account multiple variables that may affect the wheel chock's performance including:

- A. Tire Size (See Checkers Wheel Chock Selection Guide)
- B. Gross Vehicle Operating Weight (See Checkers Wheel Chock Selection Guide)
- C. Level or grade of the ground surface
- D. Radial tires vs. Bias Ply tires (Radial tires by design deflect more than a bias-ply tire. This flexibility provides a smooth ride but also allows the tire to wrap around the wheel chock, thus reducing the chock's effectiveness)
- E. Varying tire pressures that naturally occur with changes in the environment
- F. Condition of ground surface (i.e. firm, soft, wet, dry, icy, frozen)

You cannot simply test a pair of wheel chocks with a specific vehicle on a specified grade and broadly assume that the wheel chocks will hold the same truck every time. Countless combinations of conditions exist and this must be considered when selecting the most appropriate wheel chock for each application. Thorough testing must be completed at each location to ensure that specific wheel chocks will meet their specific chocking requirements.

Wheel chocks require regular visual inspection for cracking, chipping or other deterioration signaling the need for replacement; however, they should require little or no maintenance.

MONSTER® Wheel Chocks meet the requirements of the DOT, NFPA, SAE, OSHA and MSHA as specified below:

## OSHA SPECIFIES:

1910.178(k)...

(1) The brakes of highway trucks shall be set and wheel chocks placed under the rear wheels to prevent the trucks from rolling while they are boarded with powered industrial trucks.

1910.178(m)...

(7) Brakes shall be set and wheel blocks shall be in place to prevent movement of trucks, trailer, or railroad cars while loading or unloading. Fixed jacks may be necessary to support a semitrailer during loading or unloading when the trailer is not coupled to a tractor.

1910.111(f)...

(9) Chock blocks. At least two chock blocks shall be provided. These blocks shall be placed to prevent rolling of the vehicle whenever it is parked during loading and unloading operations.

## MSHA SPECIFIES:

### MSHA Standard for Surface Operations

30 CFR § 56.14207 - Parking procedures for unattended equipment.

Mobile equipment shall not be left unattended unless the controls are placed in the park position and the parking brake, if provided, is set. When parked on a grade, the wheels or tracks of mobile equipment shall be either chocked or turned into a bank.

### MSHA Standard for Underground Mines

30 CFR § 57.14207 - Parking procedures for unattended equipment.

Mobile equipment shall not be left unattended unless the controls are placed in the park position and the parking brake, if provided, is set. When parked on a grade, the wheels or tracks of mobile equipment shall be either chocked or turned into a bank.

### MSHA Standard for Procedures During Repairs or Maintenance

30 CFR § 56.14105 - Repairs or maintenance of machinery or equipment shall be

performed only after the power is off, and the machinery or equipment blocked against hazardous motion. Machinery or equipment motion or activation is permitted to the extent that adjustments or testing cannot be performed without motion or activation, provided that persons are effectively protected from hazardous motion.

**WARNING:** Individual end user testing required to ensure proper chock selection and application

# ME HEAVY DUTY WHEEL CHOCKS



Item	Description	Dimensions (LxWxH)	Weight
15305	Wheel Chocks for Support Mine Equipment	15" (38.1 cm) x 15.1" (38.4 cm) x 11" (28 cm)	19 lbs (8.6 kg)
15306	Wheel Chock, Rubber, Aviation (Pair)	15" (38.1 cm) x 5" (12.7 cm) x 4.33" (11 cm)	18.6 lbs (8.2 kg)
15310	Wheel Chocks for Mine Haul Truck Wheels up to 105" Diameter	17.7" (45 cm) x 15.2" (38.7 cm) x 10" (25.4 cm)	28 lbs (12.7 kg)
15311	Wheel Chock, Heavy Duty Urethane, Aluminum Cleat, Yellow, 21"	21" (53.3 cm) x 11.25" (28.6 cm) x 12.25" (31.1 cm)	22 lbs (10 kg)
15312	Wheel Chock, Heavy Duty Urethane, Rubber Pad, Yellow, 21"	21" (53.3 cm) x 11.25" (28.6 cm) x 12.25" (31.1 cm)	23 lbs (10.4 kg)
15313	Wheel Chock, Heavy Duty Urethane, Aluminum Cleat, Yellow, 15"	15.5" (39.4 cm) x 8.5" (21.6 cm) x 8.25" (21 cm)	9 lbs (4.1 kg)
15314	Wheel Chock, Heavy Duty Urethane, Rubber Pad, Yellow, 15"	15.5" (39.4 cm) x 8.5" (21.6 cm) x 8.25" (21 cm)	8.4 lbs (3.8 kg)
15315	Wheel Chocks for Mine Haul Truck Wheels over 105" Diameter Tall Design	24.6" (62.5 cm) x 14.5" (36.9 cm) x 16" (40.7 cm)	42 lbs (19.1 kg)
15317	Wheel Chock for Fleet Trucks	10" (29.2 cm) x 8" (20.3 cm) x 6" (15.2 cm)	8.5 lbs (3.9 kg)
15321	Wheel Chock, Heavy Duty Urethane, Orange up to 95"	17" (43.2 cm) x 14" (35.6 cm) x 14" (35.6 cm)	25 lbs (11.3 kg)
15320	Wheel Chock, Heavy Duty Urethane, Yellow up to 142"	21.9" (55.7 cm) x 14.9" (37.9 cm) x 10.6" (27 cm)	39 lbs (17.7 kg)

AME Heavy Duty Wheel Chocks are specifically designed for the mining and construction industries. They are strong, safe, and lightweight - yet they hold the largest haul trucks.

Off-Road wheel Chocks are made from tough, damage resistant urethane. They will not cause tire damage and are virtually unaffected by oils, fuels, or solvents.

- Tough urethane construction
- Resistant to oils, fuels and solvents
- Mounting hole for ropes, chains or brackets
- Replaceable rubber anti-slip traction pads
- Molded-in "How to Use" guidelines
- Safety yellow caution color
- Recessed carrying handle

Chocks feature a large, easy access, open-top, recessed scoop handle design for ease of use with gloved hand. This design prevents moisture, dirt and debris from collection in the angle recess area.

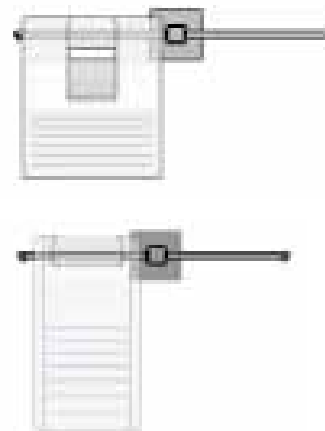
## SAFETY WHIPS

- Available in 3 heights
- A must for any vehicle entering a mine
- Bright Orange reflective flag
- Durable fiberglass construction
- AME Model 15330 5' (1.52 m) Whip
- AME Model 15331 8' (2.44 m) Whip
- AME Model 15332 10' (3.05 m) Whip



## CHOCK HANGERS

- Mounts on all OTR Equipment
- Mounting hardware not included
- Mounts 2 Heavy Duty wheel chocks per mounting unit
- **AME Model 15318** for Chocks 15305, 15310, 15315, 15320, 15321
- 36" (91.4 cm) mounting rod and 6" (15.2 cm) mounting plate
- Weight 16 lb (7.3 kg)
- **AME Model 15319** for Chocks 15311, 15312, 15313, 15314
- 26" (66.6 cm) mounting rod and 6" (15.2 cm) mounting plate
- Weight 13.5 lb (6.2 kg)





**92500**

## OTR LOCK RING CATCHER

The AME Lock Ring Catcher is designed to help with the removal and fitting of wheel lock rings on giant OTR wheels (sizes 49-63). Lock rings are also referred to in the industry as “snap rings”. Industry procedure when changing a vehicle tire has been to allow the lock ring, after release, to eject from the wheel and fall to the floor (Lock rings can weigh as much as 132 lbs. (60kg) on bigger vehicles).

The AME 92500 acts as a barrier for the lock ring being removed by locking in across the diameter of the wheel assembly. This greatly reduces the risk of an accident involving the lock ring injuring the user.

➔ **Safety Note:** Lock rings must be closely inspected once removed from a wheel or rim during tire servicing. Lock rings are **Critical Safety Items** that hold inflated multi-piece mounted tire/wheel assemblies together. Worn, sprung, bent or cracked lock rings must be removed from service, destroyed and must not be reused. For more information and help with identifying lock rings that must be removed from service, contact our OTR Wheel Engineering customer service representative. A good rule of thumb is to use a new lock ring for each new tire change to ensure you have a good serviceable lock ring. Using new lock rings every time can save lives and prevent equipment damage.

<https://www.osha.gov/Publications/wheel/wheel-chart-booklet.pdf>

## O-RINGS

- Designed for sealing tire beads of grader, earthmover and OTR machinery.
- Manufactured to OEM specifications
- 24 O-rings per case
- Manufactured of high-quality material
- O-rings individually marked in an easy-to-read color
- Spliced O-ring with exceptional splice strength
- Extruded product allows diameter variation to meet the wide variety of rim O-ring grooves, both domestic and foreign
- Two compounds for all service conditions: Standard -40 to 180 degree F, Arctic -65 to 180 degree F



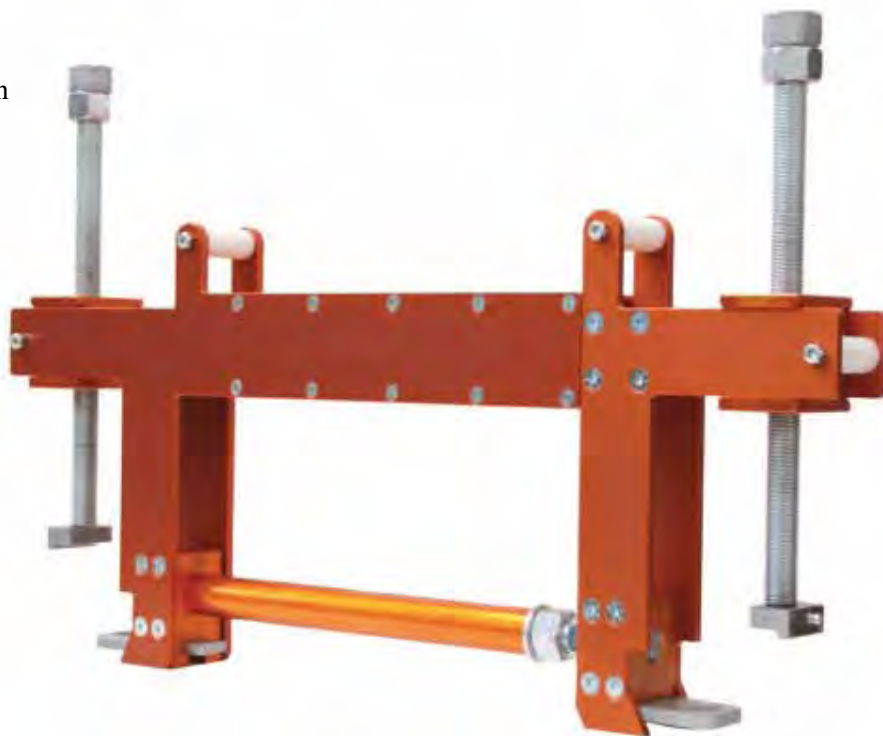
Part No.	Description	Rim Size (inch)	Size (inch)	Units Per Box
OR-20JM	O-ring, highway (JM rim)	20	1/4	24
OR-22JM	O-ring, highway (JM rim)	22	1/4	24
OR-24JM	O-ring, highway (JM rim)	24	1/4	24
OR-25T	O-ring, earthmover	25	1/4	24
OR-220TG	O-ring, grader	20	1/4	24
OR-224TG	O-ring, grader	24	1/4	24
OR-321T	O-ring, earthmover	21	3/8	24
OR-325T	O-ring, earthmover	25	3/8	24
OR-329T	O-ring, earthmover	29	3/8	24
OR-333T	O-ring, earthmover	33	3/8	24
OR-335T	O-ring, earthmover	35	3/8	24
OR-339T	O-ring, earthmover	39	3/8	24
OR-343T	O-ring, earthmover	43	3/8	24
OR-345T	O-ring, earthmover	45	3/8	24
OR-349T	O-ring, earthmover	49	3/8	24
OR-451T	O-ring, earthmover	51	1/2	24
OR-451T	O-ring, earthmover	57	1/2	24
OR-451T	O-ring, earthmover	63	1/2	24
OR-469T	O-ring, earthmover	69	1/2	24



**92250**

## OTR LARGE O-RING INSTALLER

- Installs and removes O-Rings on OTR Tires 25"-36"
- Assists in the removal/ installation of the lock ring as well

**92200**

## OTR O-RING INSTALLER TOOL

- Installs/removes O-Rings on OTR assemblies up to 30"
- Pushes the rim flange back for easy installation of the O-Ring



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DEMONSTRATION





**BEST T.P.S.®** is liquid rubber enforced with fibers. It is injected into the tire through the valve, in certain quantities defined by tyre size. No need to dismount the wheel from the vehicle or the tyre from the rim.

- Seals every possible pressure leakage from rubber pores.
- Eliminates air leaks from the rim, the rings, the rubber o-ring and the valve.
- Patches wounds caused by screws and nails up to 12mm in diameter.
- Seals objects stuck in the tire up to 50mm.
- Prohibits internal layer separation.
- Protects all metal parts of the wheel from rust and corrosion (i.e. rim, internal metal belts, valve etc.).
- Reduces overheating of the tyre.
- Protects the tyre.
- Enforces balancing of the wheel.

**91000**

## LOCKING TIRE SLING

- Locking brass rollers allow the tire to be positioned as needed
- Safe, efficient way to handle tires up to 39"
- 6,500 lbs. (2,950 kg) capacity
- For use with every boom style service truck
- Locking pins allow the tire to be held in any position
- Weight - 50 lbs. (22.7 kg)

**93000**

## FLANGE RING PULLER

- Lifts the rim base and bead seat band from the tire
- Aids in bead seating during inflation
- Attaches to a standard boom style service truck
- 4 point hook/chain assembly for optimal lifting
- Chain lengths of 30" (76.2 cm)
- Includes 2 flat hooks and 2 tapered hooks to allow use on ALL rim styles
- Weight - 32 lbs. (14.5 kg)



**92000**

## 2 POINT PUSH BAR



- Standard unit fits 25” - 51” multi-piece wheels
- Attaches to the boom crane and depresses the flange ring and bead seat band for efficient mounting of earthmover tires
- Works as a restrictive barrier when placed against the tire/wheel assembly during inflation
- For use with every boom style service truck
- Steel arm castings out perform aluminum
- Model 92005 Push Bar works on 33” - 57” wheels
- Replacement Steel Arm (model 92000-001) can be ordered to replace aluminum castings
- Weight - 65 lbs. (29.5 kg)



Steel Arm Casting (92000-001) shown with thumb screw



## TIRE BEAD HOOKS

**94000**

**94020**

- Used to connect with hydraulic boom on tire service truck for transport of tires
- Model 94000 has slim design which will fit inside all tires – even ones that have been stacked
- Model 94000 - 5,000 lb (2,260 kg) capacity
- Model 94020 - 12,000 lb (5,400 kg) capacity
- Model 94010 - 16,000 lb (7,250 kg) capacity



**94010**

**11900****BEAD SEAT BAND  
INSTALLER**

- Uses hydraulic force to install bead seat bands in earthmover tires
- 25 tons of hydraulic force to ensure that all bead seat bands are installed effortlessly
- The angled plate rests against a large section of the tire, ensuring protection of the bead during installation
- Weight 40 lbs (18.1 kg)

**71670****SKIDDER BEAD  
KEEPER TOOL**

- Custom designed tool to prevent the bead on large Skidder tires from “walking” during the mounting process
- Tool locks in to ensure safety





AME's line of heavy duty shop equipment is ideal for use in multiple environments. These products are used in Heavy Duty truck shops, commercial tire dealers, municipal garages, fleet maintenance areas, and on the road.

Backed by our one year warranty & serviced by our in house repair program, these products are ideal for the toughest working environments.

- AME Heavy Duty Service Equipment carries a one year parts and labor warranty
- All tools can be repaired in house at our full service department
- Hydraulic jacks are all tested prior to shipment to distributors and end users.

# TITAN AIR HYDRAULIC BOTTLE JACKS

- Chromed ram and aluminum air motor for long life
- Heavy duty return springs
- Each unit factory tested at 150% overload

Model  
14460  
Shown



Model	Capacity	Min.Height	Max. Height	Weight
14460	20 Ton	9.7" (24.5 cm)	18.5" (46 cm)	38 lbs (17.5 kg)
14475	30 Ton	11" (27.9 cm)	18" (45.7 cm)	60 lbs (27 kg)
14480	50 Ton	12" (32 cm)	19" (48.2 cm)	138 lbs (62.6 kg)



**14470**

# TITAN AIR HYDRAULIC CART JACK

- 20 Ton capacity with welded steel base
- Chromed ram and aluminum air motor for long life
- Heavy duty return springs
- Each unit factory tested at 150% overload
- 36" long handle allows for easy placement of jack under vehicle
- Min Height: 10" (25.5 cm)
- Max Height: 19" (48 cm)
- Weight: 55 lbs (55 kg)



**14140**

# TITAN 22 TON AIR HYDRAULIC SERVICE JACK

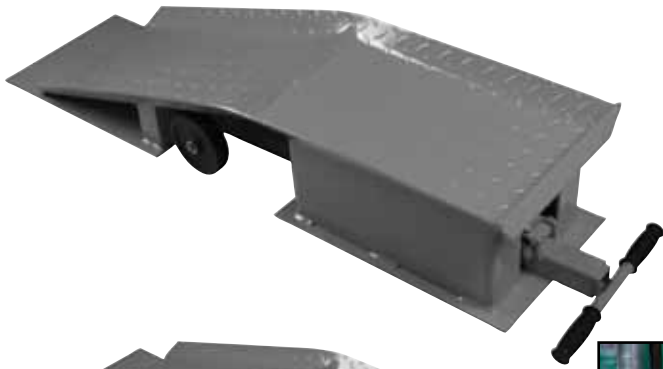
- Air operated & Easy to maneuver
- Single piece handle - will not break
- Extension saddles include: 1 of each, 1", 2", and 4"
- Operates with only 80 psi of air pressure
- Minimum height - 9" (185 mm)
- Stroke Length - 6" (15 cm)
- Weight 90lbs (41 kg)



14140 Saddle Kit



**15400**



**15450**



## TRUCK RAMPS (PAIR)

- 33" Retractable T-handle for convenient mobility
- Applicable for cement, dump and garbage trucks
- Non skid rubber matting prevents slippage when in use
- Diamond plate ramp gives better traction
- Durable and Heavy Duty rubber wheels
- Capacity is 20 Ton per pair. Only to be used in pairs
- Sold in pairs



Model	Capacity Tons/Pair	Frame Size (L x W x H)	Tread Width	Weight
15400	20 Ton	47" x 13.5" x 9.25"	10" (25.4 cm)	228 lbs (103.4 kg)
15450	20 Ton	47" x 18.5" x 9.25"	16" (40.64 cm)	312 lbs (142 kg)

## TELESCOPIC AIR JACKS

- Two or three stages
- Quick lift without load
- Hydraulic powered up and down
- Long T-handle let's you easily position your jack under vehicle
- High polish chromed piston rods and cover boards for extended service life

**14180**



**14160**



Model	Capacity Tons	Min. Height	Max height	Weight
14160	30/15	5.9" (15 cm)	11.8" (30 cm)	105 lbs (47.8 kg)
14180	50/25/10	5.9" (15 cm)	14.4" (36.6 cm)	143 lbs (65 kg)



**14360**

## 9 TON JACK STANDS (PAIR)

- Ideal for Forklift Trucks
- Sturdy, welded steel construction
- Heavy gauge steel frame prevents distortion or twisting
- Sold in pairs
- Capacity – 4.5 tons per stand
- Min Height – 24.1 cm
- Max Height – 41.9 cm
- Weight – 10 lbs (4.5 kg)



**14720**

## 5 TON JACK STANDS (PAIR)

- European design accommodates truck axles, forklifts & trailers
- 5 pin placements
- Anodized finish
- Sold in pairs
- Capacity - 2.5 tons per stand
- Min Height - 13" (33 cm)
- Max Height - 21.5" (55 cm)
- Weight – 10 lbs (4.5 kg)



**14980**

## 6 TON FLAT TOP JACK STANDS (PAIR)

- Capacity – 3 tons per stand
- Flat Top rubber pad grips the lifting point
- Ideal for low profile vehicles or custom cars
- Powder coat finish on base
- Zinc plated post to prevent rust
- Min Height – 13" (33 cm)
- Max Height – 21.5" (54.6 cm)
- Sold in pairs
- Weight – 12 lbs. (5.5 kg)



**14985**

## 6 TON HIGH LIFT JACK STANDS (PAIR)

- Flat Top rubber pad grips the lifting point
- Powder coat finish on base
- Zinc plated post to prevent rust
- Ideal for light aircraft
- Capacity – 3 tons per stand
- Min Height – 19" (48.3 cm)
- Max Height – 31.5" (80 cm)
- Weight – 36.5 lbs (16.6 kg)





**15300**

## RUBBER WHEEL CHOCK

- Durable rubber construction
- Features an eye bolt for chain or rope attachment
- Ribbed pyramid design
- Either side of wheel chock can be positioned against the tire
- Sold individually
- Weight – 10 lbs (4.5 kg)

Molded rubber wheel chock allows for ease of placement and drop-kick safety



**14400**

## 22 TON HEAVY DUTY JACK STANDS (PAIR)

- Sturdy, welded steel construction for superior safety and strength
- Heavy gauge, steel frame helps prevent distortion or twisting
- Sold in pairs
- Capacity – 11 tons per stand
- Min height – 9.5” (24.1 cm)
- Max height – 19.9” (50.5 cm)
- Weight – 65 lbs (29.5 kg)

**14405**

## 22 TON JACK STANDS WITH ADJUSTABLE TOP (PAIR)



- 3 lock pin settings for adjustable heights
- Certified to 150% of stated capacity
- Adjustable Swivel allows for 2” of variance at locked settings
- Min Height - 10” (25.4 cm)
- Max Height - 21.9” (55.63 cm)
- Sold in Pairs
- Weight 70lbs (32 kg)

**37000**

## TRUCK UNIVERSAL BRUSHING KIT

- Kit is a universal tool set for extracting and mounting the following: Silent bearings, hydraulic bearings, ball bearings, rubber bearings, shaft seals, and bearing bushes
- Ideal for various vehicles, due to universal application
- Sleeves inner diameter from 74 – 112 mm
- Sleeves can be easily modified to fit custom shapes
- Sleeves available separately
- Weight - 31 lbs (14kg)



**14150**

## TITAN GARAGE FLOOR JACK 3 TON

- Lifting capacity 3 Tons
- Turn handle design for lowering
- Heavy duty steel construction
- Max height 18.5" (470mm)
- Min. height 7" (178mm)
- Weight - 83 lbs (37.7 kg)

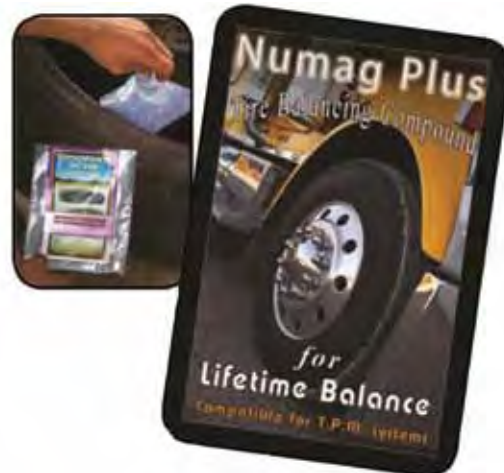


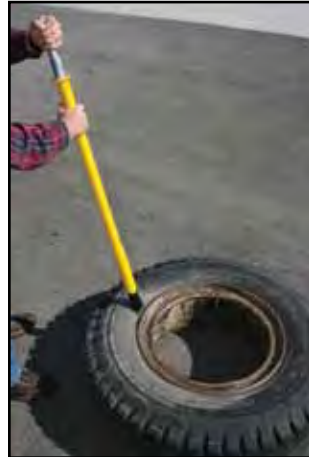
**NEW PRODUCT**



## NUMAG PLUS BALANCE COMPOUND

- Tire Balancing Compound constantly balances tires
- MicroBeads designed specifically for and compatible with TPMS valves
- Available in sizes for light truck, commercial and difficult to balance tires
- Sizes available (see application chart for tire fitment): 2 oz., 3 1/2 oz., 4 1/2 oz., 6 1/2 oz., 8 1/2 oz., 10 1/2 oz., 13 oz., 16 oz., 21 oz., 23 1/2 oz. and 29 oz.





**71500**

## BIG BUDDY BEAD BREAKER SLIDE HAMMER

- Easily breaks the most stubborn beads
- User fatigue is reduced through spring-action tip, which reduces kick-back
- Wedge tip is forced between the tire bead and wheel rim delivering the blow directly to the hammer tip
- Heavy duty tool with 1 year warranty
- Weight 24 lbs (11 kg)



**71600**

## LITTLE BUDDY MANUAL BEAD BREAKER

- Excellent for working on tire without removing wheel
- Great for all kinds of tires – ATV, golf cart, truck, bus, agricultural and even back hoe tires
- Operates with an air ratchet or manual wrench (not included)
- Weight 12lbs (5.5 kg)



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**71000**

## EASY BUDDY TIRE CHANGING SYSTEM

- Mount and dismount tire assemblies for 22.5 and 24.5 tires/wheels
- Includes Rim Protector to prevent rim scarring
- Easy to follow instructions
- Includes top bead removal tool and bottom bead removal tool
- Weight - 35 lbs (16 kg)



**71050**

## GOLDEN BUDDY TIRE CHANGING SYSTEM

- Mount tool assembly for 22.5 and 24.5 tires/wheels
- Demount assembly for 22.5 and 24.5 tires/wheels
- Bead keeper
- Heavy duty steel construction ensures long life
- Nylon rollers protect the bead
- Sold as a complete set
- Weight 32 lbs (14.5 kg)



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DEMONSTRATION

**71630**

## HEAVY DUTY WHEEL PULLER

Designed to remove stuck hub-piloted truck wheels easily. This tool helps the tire service professional with the removal and disassembling of hub centered wheels on a drive axle, steering axle, and/ or trailer axle.

- Eliminates need to crawl under vehicle
- No need to use sledge hammer to separate stuck wheels
- Saves time and improves safety
- High Chromium Steel Construction
- Includes (2) pulling ends to ensure versatility on wheel types



**71025**

## IMPACT TRUCK TIRE DE-MOUNTER

- Impact driven tire demounter
- Ranges from 10" ATV tires to 19.5" reverse hub truck tires and up
- Can be used with any 1" impact
- Shipping weight 21 pounds
- Weight 21 lbs (9.5 kg)



**75000**

**GATOR TRACK**

- Engineered for maximum traction in sand, mud and snow
- Galvanized steel cables and fittings
- Made from heavy duty rubber
- 5'L x 1" W
- Weight: 25 lbs / track



**76000**

**HITCH HERMIT HITCH STORAGE SYSTEM**

- Provides a revolutionary storage system to securely store your trailer ball hitch
- Allows for a flush mount under the rear bumper of most trucks, pickups, SUVs, agricultural and farm equipment vehicles.
- Heavy duty, U.S. sourced, 100% steel construction
- Weight 2 lbs (1 kg)



**NEW PRODUCT**



SCAN THIS BARCODE FOR A VIDEO DEMONSTRATION



## JACK PLATES

- Jack plates provide greater stability to bottle jacks and hydraulic rams
- Lightweight and easy to handle
- Each unit has non-skid surface to prevent jacks from sliding under wet or oily conditions
- Complies with OSHA regulation 29 CFR 1926.305, *“When it is necessary to provide a firm foundation, the base of the jack shall be blocked or cribbed.”*



MODEL	L	W	H	CAPACITY (TONS)	WEIGHT
14462	36" (91cm)	36" (91 cm)	2.5" (6.4 cm)	150	118 lbs (53.5 kg)
14463	36" (91cm)	36" (91 cm)	3" (7.6 cm)	200	135 lbs (61.2 kg)
14464	12" (30.5 cm)	12" (30.5 cm)	1" (2.54 cm)	50	5 lbs (2.3 kg)
14465	12" (30.5 cm)	12" (30.5 cm)	1.5" (3.81 cm)	100	8 lbs (3.6 kg)
14466	18" (45.7 cm)	12" (30.5 cm)	3" (7.62 cm)	200	21 lbs (9.5 kg)
14468	24" (61cm)	24" (61cm)	2" (5.08 cm)	100	24 lbs (10.9 kg)
14469	18" (45.7 cm)	18" (45.7 cm)	2" (5.08 cm)	100	20 lbs (9.1 kg)
14472	18" (45.7 cm)	18" (45.7 cm)	1" (2.54 cm)	50	15 lbs (6.8 kg)
14473	18" (45.7 cm)	18" (45.7 cm)	1.5" (3.81 cm)	100	16 lbs (7.3 kg)



## RAMP RISERS

- Ideal for low clearance trailers or forklifts
- Add NS to desired part number to receive riser with non-slip grit applied to the bottom for use on smooth foundations
- A must have for service bay shops



PART	PROFILE	SIDE VIEW	WEIGHT
<b>15560</b>			14 lbs.
<b>15561</b>			30 lbs.
<b>15562</b>			45 lbs.
<b>15563</b>			12 lbs.
<b>15564</b>			30 lbs.
<b>15565</b>			45 lbs.

**14350**

### 4 TON FORKLIFT JACK

- Designed specifically for use on forklifts
- Features specially designed seals
- Strong steel construction with low pickup height
- 4 ton maximum height: 16 in.
- Minimum height: 2-1/4 in.
- Weight - 69 lbs (31 kg)

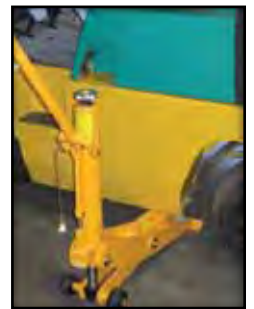
2 1/4" low clearance allows the jack to fit under extremely low lift trucks



**14370**

### 7.5 TON FORKLIFT JACK

- 7.5 ton capacity - ideal for large industrial lift trucks
- 2 1/4" (5.7 cm) low clearance
- 16 1/2" (42 cm) maximum lifting height
- Rugged steel wheels allow for easy transport
- Weight - 99 lbs (45 kg)





Kits contain the basic Composite Cribbing and Wheel Chocks useful for safely working on FORKLIFTS  
 A convenient carrying bag is provided for smaller parts

## FORKLIFT STABILIZATION SAFETY KITS (COMPOSITE CRIBBING & WHEEL CHOCKS)

PART	DESCRIPTION	14300	14301	14302
15221	4" x 4" x 48" True	2	2	2
15222	4" x 4" x 24" True	2	2	2
15236	6" x 7" x 12"/Lanyard	2	2	2
15302	Standard Wheel Chock/Lanyard	2	2	2
15303	Small Wheel Chock/Lanyard	2	2	2
15281	Standard 3.5" x 3.5" x 9"	2	2	2
15282	Standard 3.5" x 3.5" x 12"	2	2	2
15283	Standard 2.5" x 3.5" x 6"	2	2	2
15237	Super Cribbing Carrying Bag	1	1	1
15630	Medium Step Chock		2	2
15261	3" x 4" x 6" Riser		2	2
15230	6" x 7" x 24" Super Crib			4
15234	6" x 7" x 24" Super Wedge			2

## AIR BAGS



Model	L	W	H	Max Height	Capacity (In Tons)	Weight	Material
25100	15" (38 cm)	15" (38 cm)	1 (2.54 cm)	7.5"	13	10	Aramid
25110	20" (50.8 cm)	20" (50.8 cm)	1 (2.54 cm)	9	22	17	Aramid
25120	21" (53.3 cm)	25" (63.5 cm)	1 (2.54 cm)	11	32	24	Aramid
25130	16" (40.64 cm)	42" (106.68 cm)	1 (2.54 cm)	9	37	20	Aramid
25140	29" (73.7 cm)	29" (73.7 cm)	1 (2.54 cm)	15	50	30	Aramid
25150	34" (86 cm)	34" (86 cm)	1 (2.54 cm)	18	70	40	Aramid
25101	15" (38 cm)	15" (38 cm)	1 (2.54 cm)	7.5"	13	13	Steel
25111	20" (50.8 cm)	20" (50.8 cm)	1 (2.54 cm)	9	22	20	Steel
25121	21" (53.3 cm)	25" (63.5 cm)	1 (2.54 cm)	11	32	26	Steel
25131	16" (40.64 cm)	42" (106.68 cm)	1 (2.54 cm)	9	37	23	Steel
25141	29" (73.7 cm)	29" (73.7 cm)	1 (2.54 cm)	15	50	34	Steel
25151	34" (86 cm)	34" (86 cm)	1 (2.54 cm)	18	70	45	Steel

- Ideal for low clearance lifting
- Aramid Construction durable as steel, but weighs 30% less
- Available in sizes 13-70 tons
- Add "K" to the end of the desired airbag part number to make it a kit
- Air bag kits include both the 25200 Single Unit Deadman Control and the 25240 20' High Pressure Air Hose



## LIFTING BAG PROTECTION PADS

- Protects expensive bags from hidden glass, sharp stones
- Helps protect against cuts and deflation
- Top bag flexes to conform to irregular surfaces
- Molded crosshairs help to center bag
- Keeps bags from sudden deflation

Item No.	Dimensions	Description	Weight
25170	24" x 24"	Base lifting pad	17 lbs.
25171	18" x 18"	Top surface lifting pad	13 lbs.



Top Pad #25171

Bottom Pad #25170

**NEW  
PRODUCT**



**73210**

## MYPAL - PORTABLE AUTOMOTIVE LIGHT

- Designed for hands-free lighting during tire service and other work applications
- 12" adjustable spring-tube for optimum light positioning within tight spaces
- Compact high-power LED light provides up to 300 LUX intense focus and optimum visibility
- Clamp-on handle quickly and easily "grips" over the bead of a tire for complete hands-free light assistance
- Compatible with all passenger, light truck, and commercial truck tires
- Compatible with all tire spreaders
- Multiple high-power magnets on the handle and light head attach easily to most metal surfaces
- Unique design provides unlimited vehicle service and work applications
- Lithium-ion rechargeable battery



**73080**

## FLOOR MOUNT TIRE SPREADER

- Multiple height and width adjustments
- For use with passenger and light truck (13" - 20")
- Heavy duty rollers cradle the tire
- Weight 63 lbs (29 kg)



**73100**

## AIR OPERATED TIRE SPREADER

- Air operated tire spreader (with stand)
- For passenger/RV/light truck tires
- Wide platform gives stable work surface
- Adjustable light
- Weight: 131 lbs (60 kg)



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**73200**

## AUTOMATIC TRUCK TIRE SPREADER

- Automatic Tire Spreader - the easiest way to repair tires
- Air lift allows operator to repair without lifting
- Heavy gauge steel
- Lamp included
- Air regulator / lubricator included
- Weight 310 lbs (140kg)



## CHEETAH TANK BEAD SEATERS

- Point and release the air Blast Bead Seater to seat the bead on tubeless tires
- Bead Seater makes seating the most difficult bead not only safe but simple, fast and economical
- ASME certified tank for commercial use, passenger, and ATV Tires



**23800**

Model	Tank Size	Tank Type	Weight
23800	5 Gallon	Steel	28 lbs (12.7 kg)
23803	5 Gallon	Steel	32 lbs (14.5 kg)
23805	10 Gallon	Steel	42 lbs (19.1 kg)
23807	2 Gallon	Steel	17 lbs (7.7 kg)
23813	13 Gallon	Aluminum	32 lbs (14.5 kg)



**23803**



**23805**



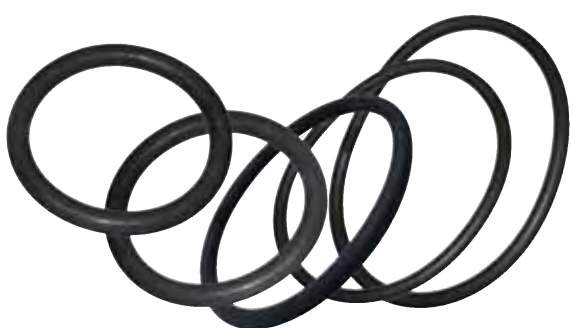
**23807**



**23813**

## TUBELESS TIRE BEAD SEATER – O-RING STYLE

- Economic way to seat beads
- Useful for difficult to seat tire beads
- Seat beads in 3 easy steps - lubricate, install and inflate

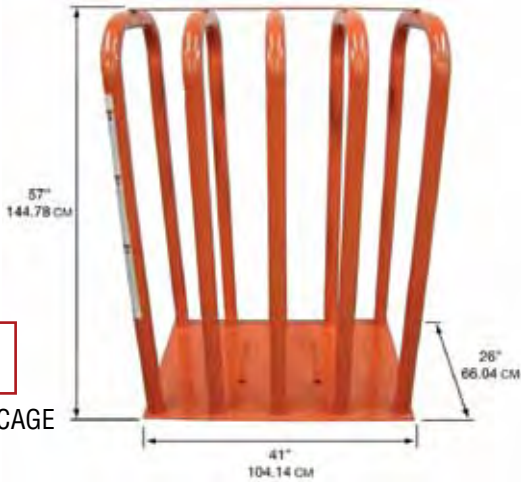


Model	Tire Type	Rim Size
21000	Passenger	13" - 14"
21010	Passenger	14" - 15"
22000	Truck	16.5" - 17.5"
22020	Truck	19.5"
22040	Truck	22.5" - 24.5"

# INFLATION CAGES

- Heavy duty steel construction
- Holds up to 54" diameter and 20" wide tire (not including 2 bar)
- Meets or exceeds OSHA standard 29 CFR 1910.177
- Certified and burst tested at 157 PSI (10.8 bar)

**24450**  
5 BAR INFLATION CAGE



**24425**  
2 BAR SUPER  
SINGLE INFLATION CAGE



**24420**  
2 BAR  
INFLATION CAGE



**24430**  
3 BAR  
INFLATION CAGE



**24440**  
4 BAR  
INFLATION CAGE



**24455**  
5 BAR EARTHMOVER  
INFLATION CAGE



**24860**

## NITROGEN PURITY GAUGE

- ½" inlet/outlet for faster inflation
- Digital pressure gauge provides an accurate measurement within 0.3 PSI
- Self recalibrating after each tire fill or every 6 minutes when not in use
- Safe to operate as the technician can stand away from the tires while inflation takes place
- Indoor/outdoor use
- Backlit LCD display and push button set-up
- Audible beep when inflation is complete
- 110v
- 220v/240v available (model 24105)
- Dimensions: 12"x12"x5"
- Weight – 10 lbs (4.5 kg)



**24820**

## AUTOMATIC TIRE INFLATOR

- Fits all applications general, tireshop and Nitrogen (N2)
- 3 modes in one inflator
  - Mode 1 - Standard inflate / deflate
  - Mode 2 - Tireshop mode with overpressure
  - Mode 3 - N2 fill and air to N2 Conversion
- Touch screen technology
- Designed to be simple and space-saving, without the programmability or customization of the more expensive models
- Works with single or multiple hose hook-up
- Weight: 8 lbs (3.6 kg)



**24145**

## UNICHEK DIGITAL GAUGE

- Digitally reads tire pressure for accuracy
- Available in 4 measurements – Psi, Kpa, Bar and Kg/m
- Accurate and dependable
- Reads from 0 – 180 psi



## MK3 HIGH FLOW INFLATOR

- Cast aluminum body is very durable
- Magnified linear scale
- Reads from 0 – 138 psi
- Ultra durable – withstands the harshest environment
- Available with Straight, Clip on and Dual Foot Chucks

Hose Length	Air Chuck	Part#
3'	Lock In, Straight	24503
	Dual Foot	24513
	Clip On	24523
6'	Lock In, Straight	24506
	Dual Foot	24516
	Clip On	24526
9'	Lock In, Straight	24509
	Dual Foot	24519
	Clip On	24529



## ACCURA DIGITAL TIRE INFLATOR

- Clear and easy to use digital display
- Robust design to withstand harsh environment
- Electronic readout guarantees accurate reading
- Ceramic sensor for long life
- Modern, lightweight and shock resistant
- Available with Straight, Clip on and Dual Foot Chucks

Hose Length	Air Chuck	Part#
3'	Lock In, Straight	24543
	Dual Foot	24553
	Clip On	24563
6'	Lock In, Straight	24546
	Dual Foot	24556
	Clip On	24566
9'	Lock In, Straight	24549
	Dual Foot	24559
	Clip On	24569



## INFLATOR GAUGES

- Most popular style inflator
- Economical and accurate
- Include pencil gauge to determine air pressure
- Available with Straight, Clip on and Dual Foot Chucks

Hose Length	Air Chuck	Part#
3'	Lock In, Straight	24573
	Dual Foot	24583
	Clip On	24593
6'	Lock In, Straight	24576
	Dual Foot	24586
	Clip On	24596
9'	Lock In, Straight	24579
	Dual Foot	24589
	Clip On	24599



**63010**

### 1-1/2" (38MM) BUDD NUT WRENCH

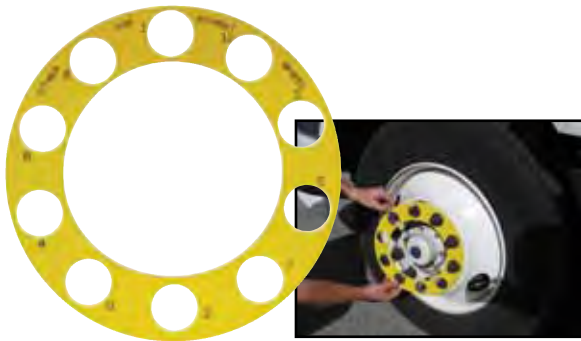
- Will not damage aluminum wheels
- Holds the outer nut securely on dual wheels
- Replaceable polymer head part number 63010-001



**63000**

### BUDD NUT WRENCH DELUXE

- Frozen inner/outer nuts can be loosened while on the vehicle
- Locks into place during removal of cap nuts
- Allows for maximum torque of impact wrench
- Fits 1-1/2" (38 mm) wheel nuts



**53010**

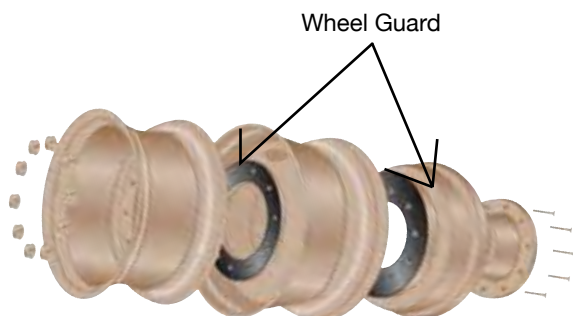
### TORQUE SEQUENCE RIM PROTECTOR

- Protects wheel from impact and lug wrench damage
- Impact resistant polymer material ensures long life
- Torque sequence helps operators know which bolts to tighten
- Cost effective



### TRUCK WHEEL GUARDS

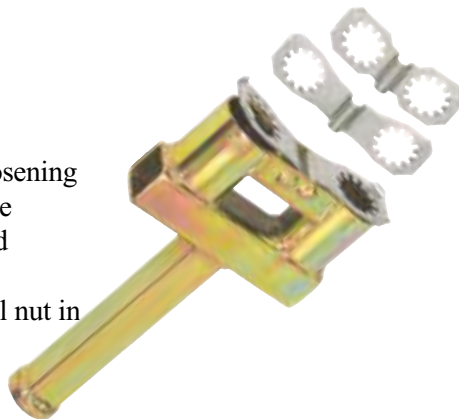
- Composite separator plate to be placed between the hub or drum and the wheel, and/or between two wheels in dual applications
- Provides protection for wheels against corrosion and excessive wear
- Stops rust, scale, salt, and corrosion between steel disc rims in dual or single wheels
- Both aluminum and steel wheels can benefit from use of the Wheel Guard
- Prevents galvanic electrolysis between aluminum and steel wheels



AME	Alcoa	Accuride	Description	Stud
61000	015000	5901	10 on 11 1/4" U.S. Bus mount	7/8"
61000	017000	5901	10 on 11 1/4" Stud piloted	1-1/8"
61010	016000	5902	10 on 11 1/4" Stud piloted	3/4"
61020	011000	5903	10 on 285,75mm Hub Piloted	22mm
61030	023000	7901	8 on 285mm, Japan ball seat steer/rear	20mm-30mm
61040	013000	7381	10 on 335mm	22mm
61040	018000	7381	10 on 335mm, 32mm sleeved	22mm
61050	012000	7902	8 on 275mm	20mm
61050	014000	7902	8 on 275mm	22mm
61060	-	8482	8 on 6 1/2", 4.82"ID, GM & Dodge	5/8"
61070	-	8525	8 on 6 1/2", 5.25"ID, Ford	5/8"
61080	-	8675	8 on 255mm, 6.25"ID, locating holes, Ford	5/8"
61090	-	5904	10 on 225mm, Ford 19.5	5/8"
-	024000	-	6 on 225mm	22mm

## ROLLOCK - LOOSE NUT PREVENTION

- Cost effective way to prevent wheel nuts from loosening
- Galvanized steel product locks wheel nuts in place
- ROLLOCK is for use on 19.5 & 22.5 Hub-Piloted Wheels (8 or 10 hole)
- ROLLOCK is easy to remove: Unscrew the wheel nut in normal manner and the ROLLOCK clamp will easily come off



Item	Description	Application	Installation Tool
62000	Rollock, 4 1/8" spacing, 30-33mm nut	22.5", 10 hole 335mm B.C. 19.5", 8 hole 275mm B.C.	62050
62500	Rollock, 3 1/2" spacing, 30-33mm nut	22.5", 10 hole 285.75mm B.C.	62550

**62030**

## FOLDING TIRE STEP

- Fits on all 22.5 - 24.5 truck tires
- Enables you to create a step by placing the platform on most tires
- Step area designed to reduce slippage
- Durable steel construction
- Can be folded flat & stores easily
- Max rated capacity 400 lbs (181 kg)
- Weight 19 lbs (8.5 kg)



Tire Step folds to 5" when closed

**71300**



## TRUCK WHEEL DOLLY

- Decreases back injuries when removing and replacing heavy truck tire/wheel assemblies
- 9 1/2" (24 cm) roller accommodates low profile tires
- Allows for easy removal and installation of tire/wheel assemblies
- Rollers allow for simple lug alignment
- For use with all 22.5 and 24.5 truck tires
- Weight 18 lbs (8kg)

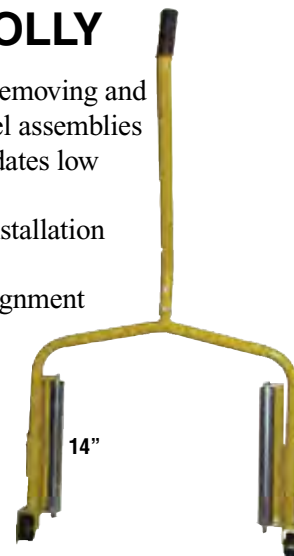


**71320**



## SUPER SINGLE TRUCK WHEEL DOLLY

- Decreases back injuries when removing and replacing heavy truck tire/wheel assemblies
- 14" (35.5 cm) roller accommodates low profile tires
- Allows for easy removal and installation of tire/wheel assemblies
- Rollers allow for simple lug alignment
- For use with all 22.5 and 24.5 truck tires (including super singles)
- Weight 26 lbs (12kg)





**67300**

## NUT BUDDY

- Bust loose the most stubborn wheel nuts
- Use on commercial or agricultural wheels
- Gear ratio – 58:1
- Rated output torque: 2,950 ft lbs
- Two sockets included: 1 1/2" (38mm) and 1 5/16th (33mm)
- Weight 19 lbs (8.5 kg)



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DEMONSTRATION



Extension handle used for removing wheel nut once it has been loosened by the Nut Buddy.

## BREAK BACK TORQUE WRENCH

- 200-750 ft. lb. range allows for nearly all applications
- Break Back design - wrench “breaks” when torque is reached to prevent over tightening
- Works in either direction (for right or left hand threads)
- Model 67125 is the ¾” drive
- Model 67150 is the 1” drive
- Length – 58” (147 cm)
- Weight – 16 lbs (7 kg)



**67000**

## TORQCHECK

- Most affordable way to accurately check torque wrenches
- Accurate within +/- 2%
- Precision needle gauge measures from 0 – 180 ft. lbs.
- For use with all ½” torque wrenches
- Not to be used with impact wrenches
- Weight 10 lbs (4.5 kg)



**67900**

## 3/4 TORQUE COMPARATOR

- Be certain whether or not tools need to be calibrated- before you send off-site
- The comparator helps you identify out-of calibration tools before they lead to damage and needless repairs
- Weight 10 lbs (4.5 kg)



**73550**



**73500**

## 1" TIRE BRANDER

- Single slot holds three 1" replaceable numbers and letters
- 1" numbers 0-9 are located around the outside of head
- Letters A-Z and Numbers 0-9 available individually or in kit form
- Self contained heating unit keeps all digits hot
- Model 73500-LET include letters A-Z (26 piece kit)
- Model 73500-NUM includes numbers 0-9 (10 piece kit)

Model Number	Voltage	Handle
73500	220V	No
73550	220V	Yes
73505	110V	No
73555	110V	Yes



**69260**

## UNI-MOUNT THREAD GAUGE

- Designed for M22 x 1.5 Uni-Mount Studs
- If the thread teeth do not fully engage the stud, the stud should be removed from service
- Simple to use



**69290**

## CHAMFER/NUT GAUGE

- Kit shows when wheel chamfers and wheel nuts are worn out
- Visual guide detects excessive wear in bolt holes
- For use with steel stud piloted wheels



**71410**

## HEAVY DUTY BEAD HOLDER

- Keeps truck tire bead from slipping during mounting of top bead
- Made of heavy duty polymer with built in shim for added strength
- A must have on all truck tire installations

# SAVE-A-STUD RETHREAD KIT

- Repairs damaged wheel studs
- Guaranteed for life
- For passenger, light truck, and heavy duty
- Individual dies available
- 31210 - 9 Piece Rethread Kit
- 31250 - 3 Piece Heavy Duty Kit
- 31270 - 5 Piece Unimount Ball Seat Kit
- 31280 - 23 Piece Kit with Handle and Socket



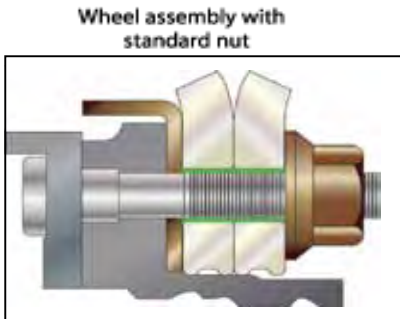
31250 shown



13280 shown

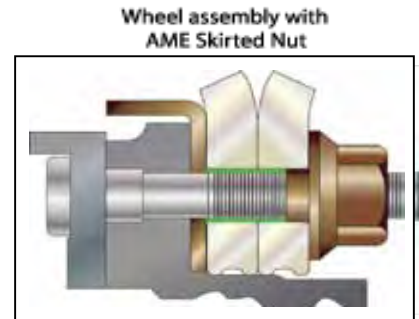
## 58033

### SKIRTED NUT

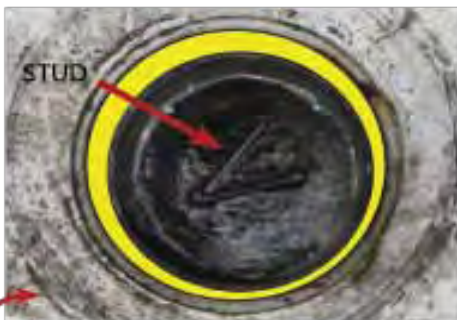


Wheel assembly with standard nut  
Void (highlighted in green) between stud and hole.

- » AME Skirted Nut fills void standard flange nuts don't.
- » Stops rim from shifting forward or backwards.
- » Eliminates "Clocking" caused by standard wheel nuts not filling wheel hole completely.
- » Certified American Steel
- » Each part tested for thread, fit and finish.



Wheel assembly with AME Skirted Nut  
Skirted Nut fills void between stud and hole.



Note marks on the disc (just outside stud hole) caused by "clocking". This nut had been torqued to specifications and retorqued per factory settings.



1) YELLOW HIGHLIGHT shows void between stud and stud hole.  
2) Skirted Nut fills void between stud and hole.

**69270**

## TREAD DEPTH GAUGE

- Material: Stainless steel
- Easy to read numbers
- Precise with tread depths in millimeters, inches, and fractions at 1/32 increments



**69280**

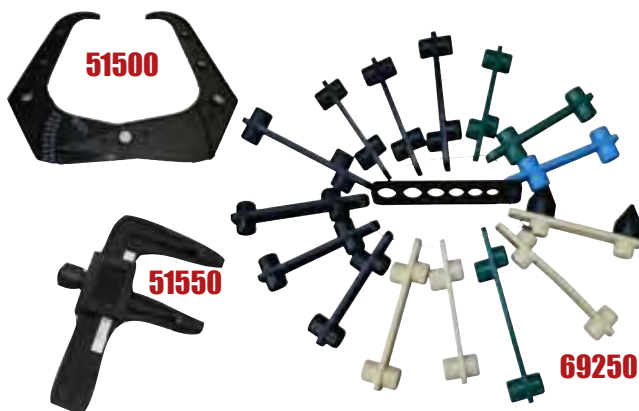
## DIGITAL TREAD DEPTH GAUGE

- Displays tread depths in millimeters, inches and fractions at 1/32 increments
- Appropriate for measuring brake shoe and pad wear
- Easy to read large LCD display
- Zero function allows for a zero gauge at any point making readings quick and accurate
- Manual power on/off



## WHEEL RIM MEASURING DEVICE

- Measures width of wheels /rims while balancing. Same tools used on Corghi, Coats, CEMB and other OEM balancers
- 51550 - PCD (Pitch Circle Diameter) Tool with scale in metric for measuring wheels.
- 51500 - Rim Width Caliper used to measure wheels which are being balanced
- 69250 – Wheel and Bolt Pattern Set includes 15 gauges to easily measure 30 different bolt patterns





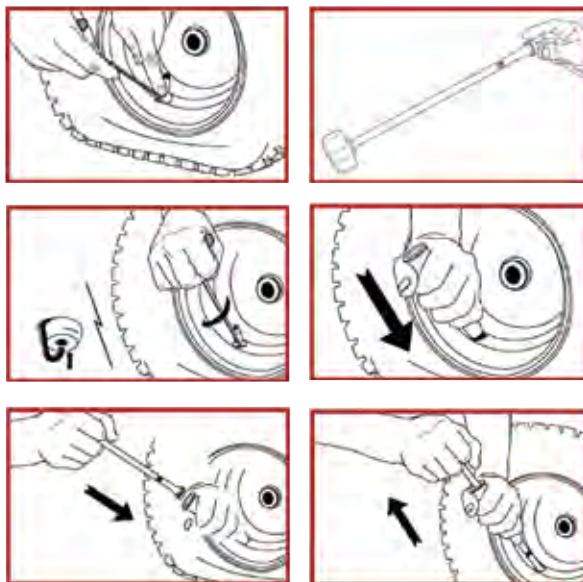
**51025**

## QVC QUICK VALVE CHANGE TOOL

- Change a tire valve in 10 seconds
- Ideal for leaking valve stems
- For use only with .453 valve stems



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FOR A VIDEO  
DEMONSTRATION



## VALVE STEM AND CORE REMOVERS

- Ideal for quick removal of valve stems and for seating newly installed valve stems
- 51030 - Aluminum handle, large nylon head to resist damage to aluminum wheels
- 51070 - Heavy Duty Polymer to resist scratching alloy wheels
- 51140 - Units offers steel construction with heavy duty nylon boot that will not wear or mar aluminum
- 51170 - Polymer construction with steel rod for extra strength



**51000**

## CHROME NUT PLIER

- Heavy duty rubber head grips chrome nuts and does not allow scratches to covers or wheels
- No adjustment. Fits all size chrome nut covers 1/2" to 1-7/8"
- Use soft head to hammer nut covers onto nuts





## WHEEL WEIGHT PLIERS

- Heavy commercial duty design
- Coated handles for comfort
- Nickel plated vanadium



## SOFT HEAD PLIERS & HAMMER/WEIGHT SCRAPER

- 51210 - Chrome Vanadium Steel with Nylon Cap
- 51250 - Replacement soft head nylon cap
- 51455 - Dead Blow Hammer, 1.5 LB
- 51450 - Hub Cap Removal Tool
- 51460 - Heavy Duty Adhesive Weight Scraper
- 51470 - Wooden handled Soft Head Hammer with hook
- 51480 - Deluxe Soft Head Hammer
- 51490 - Dual Soft Head Hammer
- 51310 - Heavy duty hammer, soft head nylon cap



Each tool is color coded

**71100**

## SPARE TIRE TOOL SET

- Allows quick access to spare tires
- 8 pc set has 7 individual tools and wall rack
- Set covers 95% of pickup/SUV market
- Color coding allows for quick access

## HEAVY DUTY FORGED TIRE BARS

- Heavy duty commercial quality tire bar
- Mounts and demounts tires on wheels and rims
- Model 72120 is 24" (60 cm) in length
- Model 72125 is long sock for complete rim protection
- Model 72110 is 20" (50cm) in length

**72125**

**72120**

**72110**



## TIRE CHANGER LUBE BUCKET (ANGLED)

- Angled tire changer Lube bucket
- O.E.M application: Coats 4040, 4040SA & 4050



**79010**

## TIRE CHANGER LUBE BUCKET (STRAIGHT)

- Straight tire changer lube bucket
- O.E.M application: Coats 5030, 5060 and 5065



**79040**

## TIRE SWAB AND BRUSH

- Used to lubricate tire beads when mounting or removing tires
- Model 79020 - 14 1/2" (37cm) long swab
- Model 79030 - 11 1/2" (30cm) long swab
- Model 79015 - Angled Applicator Brush

**79020**

**79030**

**79015**



**75913**

## MOTORCYCLE ADAPTER KIT

- Universal Motorcycle Adaptor kits fits most rim clamp tire changers
- Allows standard tire changing machine to grip motorcycle wheels
- Easy to set up and remove
- Model 79513 is a set of 4 clamps



Motorcycle clamp with rim protector



**79510**

## ATV ADAPTOR SET

- Universal ATV adaptor kits fits most rim clamp tire changers
- Allows standard tire changing machines to grip ATV wheels
- Easy to set up and remove
- Model 79510 is a set of 4 clamps



## MOUNT \ DEMOUNT DUCKHEADS



**TC0343**



**RP6-0343**



**TC182788**



**TC182329**



**TC183061**



**TC250309**



**TC450310**



**TC14024784**



**TC20024335**



**TC0066**

Accuturn	SM10529	220A, All other models require 102765 Adaptor
Hunter	RP60343B	TC250, TC300, TC325
Hunter	RP60343B	TC250, TC300, TC325
Coats	8182788	5030, 5040, 5050, 5060, 5065, 5070, 6050,6060, 6065, 7050, 7055, 7060, 7065, 7655, 7660, 7665
Coats	8183429	RC1, 5, 10, 15, 20, Early 5060
Corghi	258458	All Models
Coats	8183061	5030, 5040, 5050, 5060, 5065, 6050,6060, 6065, 7050, 7055, 7060, 7065, 7655, 7660, 7665
All Tool	G2008401	All Models
Coats	82008402	RC1, 5, 10, 15, 20, Early 5060, 9010, 9024, APX90
Corghi	250309	All Rim Clamp (Optional Accessory)
Hofmann	2200981	All Earlier Models Except : 1550, 1620, 1625
Sice	2200981	M39, S40, S41, S42, S43, S45, S408MAXI, S435, S436, S436TOP
All Tool	G3008403	All Models
Coats	83008403	RC1, 5, 10, 15, 20, Early 5060, 9010, 9024, APX90
Corghi	450310	All Rim Clamp (Optional Accessory)
Hofmann	8314813	All Earlier Models Except : 1550, 1620, 1625
Hunter	RP11-8314813	TCX Series
Sice	8314813	M39, S40, S41, S42, S43, S45, S408MAXI, S435, S436, S436TOP
Accuturn	14024784	3602, 3602HP, 4260, 4560MR, 4602, 5602, 5602HP
Hofmann	4024784	1520, 1565, 1620, 1625, 1625EM, 3300, 3300EM, Monty 1270, 2300, 3000, 3000GP
John Bean Snap On	EAA 0247G20A EAA 0247G20A	EHP System IVE, IV, III, IIE All Models
Accuturn	20024335	3602, 3602HP, 4260, 4560MR, 4602, 5602, 5602HP
Hofmann	24335	1520, 1565, 1620, 1625, 1625EM, 3300, 3300EM, Monty 1270, 2300, 3000, 3000GP
John Bean Snap On	24335 24335	EHP System IVE, IV, III, IIE All Models
Hunter	RP6-0066	3250, 3500

**72005**

**MOUNT/DEMOUNT COMBO TOOL**

- Designed for mounting and demounting tires on a center post tire changers
- Mount/Demount inserts work with combo tool to protect aluminum wheels
- 72210 - Large White Demount Bootie - fits on center post tire changer blade and prevents scratching of aluminum rims
- 72220 Small White Mount Bootie - fits on center post tire changer blade and prevents scratching of aluminum rims
- 72230 Kit contains (10) each of the mount and demount ends



**72210**

**72220**

**72005**

**72000**

**THE WONDER BAR MAG WHEEL TOOL**

- Will not damage aluminum or mag wheels
- Works with all center post tire changers
- Polymer inserts securely attach to tool
- Polymer inserts outlast standard booties
- 72020 Polymer Nose insert for 72000
- 72040 Polymer Hook insert for 72000
- Model 72030 Hook Body Available
- Model 72010 Kit include one nose end (72020) and one hook end (72040)



**TIRE MOUNTING CLAMPS**

- Mounting clamp saves time when mounting tires
- Fits all passenger rims
- Clamp holds tire bead while mounting tire, will not allow tire to “walk”
- Constructed of heavy duty polymer for long life
- Will not scratch, mar or damage custom wheels



**72100**



**72105**

**72150**

**STEEL TRUCK BEAD HOLDER**

- Clamps on wheels to prevent tire from “walking”
- No need for vise-grips
- For use on automatic tire changers and manual demount applications
- Made from heavy duty steel





### FREE T-SHIRT



### WITH PURCHASE

**BUY \$300 WORTH OF AME TOOLS & WE'LL SEND YOU A FREE AME T-SHIRT!**

*- See back for details*

### FREE HAT



### WITH TOOL REPAIR

**HAVE YOUR TOOL REPAIRED BY AME – WE'LL FIX IT FAST AND SEND YOU AN AME LOGO HAT!**

*- See back for details*

### \$75 TOOL BUYBACK



**WE'LL BUY BACK ANY HYDRAULIC BEAD BREAKER – ANY BRAND – ANY CONDITION!**

*- See back for details*

### \$50 PUMP BUYBACK



**WE'LL BUY BACK ANY AIR/HYDRAULIC PUMP – ANY BRAND – ANY CONDITION!**

*- See back for details*

### FREE HAT OFFER

Please fill out your address below and send this along with your tool to be repaired.

Company \_\_\_\_\_

Name \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_

State \_\_\_\_\_

Zip \_\_\_\_\_

Tel \_\_\_\_\_

Email \_\_\_\_\_

Camo hat  Brown hat

### FREE T-SHIRT OFFER

Please fill out your address below and mail this along with a proof of purchase for \$300 worth of AME tools.

Company \_\_\_\_\_

Name \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_

State \_\_\_\_\_

Zip \_\_\_\_\_

Tel \_\_\_\_\_

Email \_\_\_\_\_

Size:  M  L  XL  2XL  3XL  
 Blue tee  Black tee

### \$50 BUYBACK

Please fill out your address below and mail this along with any air/hydraulic pump to be returned. We'll pay \$50 for each air/hydraulic pump that is returned.

Company \_\_\_\_\_

Name \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_

State \_\_\_\_\_

Zip \_\_\_\_\_

Tel \_\_\_\_\_

Email \_\_\_\_\_

Number of pumps returned \_\_\_\_\_

### \$75 BUYBACK

Please fill out your address below and mail this along with any hydraulic bead breaker to be returned. We'll pay \$75 for each hydraulic bead breaker that is returned.

Company \_\_\_\_\_

Name \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_

State \_\_\_\_\_

Zip \_\_\_\_\_

Tel \_\_\_\_\_

Email \_\_\_\_\_

Number of bead breakers returned \_\_\_\_\_



**36000**

## EARTHMOVER TIRE SERVICE TRAINING KIT DVD VERSION

The 3-hour video features 15 different modules that cover the basic safety guidelines for servicing OTR tires, wheels and rims in the field. The video is accompanied by a 200+ page workbook that features hundreds of four-color photos to outline the step-by-step procedures and various industry resources. Students that successfully complete the final exam will receive a TIA Certificate of Completion. Basic ETS is comprised of 15 modules: Introduction, Tires, Rims & Valves, Service Truck Operation, Site Preparation & Equipment Lifting, Hydraulic Bead Breakers & Rams, Service One-Piece on Machine, Service Three-Piece on Machine, Service Five-Piece on Machine, Service Double Gutter on Machine, Service One-Piece Loose, Service Three-Piece Loose, Service Five-Piece Loose, Wheel & Rim Fastening, Systems, Install & Remove Wheel Fitment, Install and Remove Rim Fitment

**36100**

## BASIC COMMERCIAL TIRE SERVICE TRAINING & CERTIFICATE PROGRAM

According to the Occupational Safety & Health Administration (OSHA) Regulation 29 CFR 1910.177, any employee that handles truck tires and wheels must receive safety training and demonstrate their ability to perform the necessary tasks. The Basic Commercial Tire Service (CTS) Training and Certificate Program is designed to meet the minimum federal training requirements for both new hires and experienced employees in need of documented training. Basic CTS is comprised of 12 modules: Safety, Basic Tire Info., Rims and Wheels, OSHA Regulations, Jacking and Lifting, Torque, Wheel End Safety, Hub-Pilot Wheels, Stud-Pilot Wheels, Demountable Rims, Single-Piece, Multi-Piece

**36200**

## BASIC AUTOMOTIVE TIRE SERVICE TRAINING & CERTIFICATE PROGRAM

Basic Automotive Tire Service (ATS) is a 200 Level minimum skills training and certificate program that outlines and explains the guidelines for servicing passenger and light truck tire and wheel assemblies. Basic ATS is comprised of 10 modules: Introduction, Tires, Wheels & Fasteners, Raising the Vehicle, Tire/Wheel Assembly Removal, Torque & Clamping Force, RIST, Demounting/Mounting & Inflation, Balance & Run-out, Puncture Repair



TIA's Earthmover Training  
is endorsed by and  
available from





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FOR A VIDEO  
DEMONSTRATION

## RAPID REPAIR SERVICE

AME offers fast, affordable and reliable equipment repairs for all of your hydraulic tire service tools.

*If we cannot repair your tool, no one can!*

### We offer:

- In-House Factory Repairs
- Original Parts Inventory - not aftermarket
- Guaranteed Repairs
- Fast Turnaround - Same Day Estimates & Repairs
- Easy Pick Up Using Prepaid UPS Shipping Tags
- FREE Telephone Trouble Shooting
- Repair ALL makes and brands of tools, including IMT, FEC, Stellar and Esco
- For more details on our hydraulic repair program, please visit our web page or call **877-755-4AME (4263)**.

### How the Tool Repair Program Works:

The easiest way to request a repair is through [www.ameintl.net](http://www.ameintl.net) where you can:

- Notify AME of an incoming repair
- Print your own UPS label
- Receive your Return Goods number

If you already have an AME Tool Repair Kit / prefer not to fill out online:  
Fill out the Repair Request for Estimate form.

1. Call AME at **877-755-4AME (4263)** to obtain RGA # for the return.
2. Package the item(s) in a cardboard box; please place any pumps that are leaking in a plastic garbage bag to contain any fluids leaked during shipment.
3. Place the pre-addressed, prepaid UPS label onto the outside of the box. Be sure to note the tracking number on the UPS label for your records.
4. Place the completed repair ticket into the clear plastic sleeve onto the outside of the box.
5. Give the package to any UPS driver or drop the package off at the nearest UPS center or drop-box.
6. Your tool will be estimated within 24 hours of receipt and repaired within 24 hours of approval.



## TURN YOUR TOOLS INTO CASH!!!!

*If AME International cannot repair your tool -  
we'll buy it! Contact AME for details!*

# THESE OEM PARTS WILL WORK WITH ALL IMT, FEC, STELLAR AND ESCO BRANDED BEAD BREAKERS



**15000-94**

Foot Pedal



**15000-95**

Shoulder Screw



**15000-150**

Cover Assembly



**15000-168**

Poppet Assembly



**15000-159**

Gasket Set



**15000-163**

Air Button Kit



**15000-AMK**

Air Motor Kit



**15000-PK**

Hydraulic Pump Kit



**15000-RVK**

Release Valve Kit



**15900-001**

Foot Pedal



**15900-002**

Retaining Ring



**15900-003**

Pin



**15900-078**

U-Cup &  
Back-Up Kit



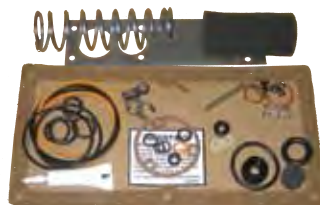
**15900-079**

Retainer



**15900-082**

Piston



**15000-RK**

Repair Kit, 15900



**15920-RK**

Repair Kit, 15920



**15940-RK**

Repair Kit, 15940

# THESE OEM PARTS WILL WORK WITH ALL IMT, FEC, STELLAR AND ESCO BRANDED BEAD BREAKERS



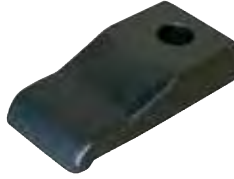
**11000-005**

Hex. HD. Screw



**11000-006**

Pressure Nut w/  
Retaining Ring



**11000-007**

Hook



**11000-008**

Set Screw  
3/4 dia. x2- 1/4  
Lg., Torque to  
40/60/ Ft. lbs.



**11000-009**

Clevis



**11030-004**

Hook



**11030-006**

Set Screw



**11030-007**

Shoulder Bolt



**11030-008**

Pressure Nut



**11010-049**

Cap Screw for  
11010-050



**11010-022**

Center Claw



**11010-050**

Replaceable Tooth



**11010-051**

Clamping Bolt



**11010-052**

Clamping Spacer

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*If you've dealt with AME, we think you'll agree that 'Quality, Service and Experience' is more than just a slogan - it's how we live. Our staff has the experience to understand your needs. Our commitment to quality means that our tools and equipment are dependable and built to last. The customer doesn't need us - we need the customer. As a result, we don't think you'll find a supplier who is more focused on giving excellent service.*

*On behalf of AME, we appreciate your business and thank you for your support.*

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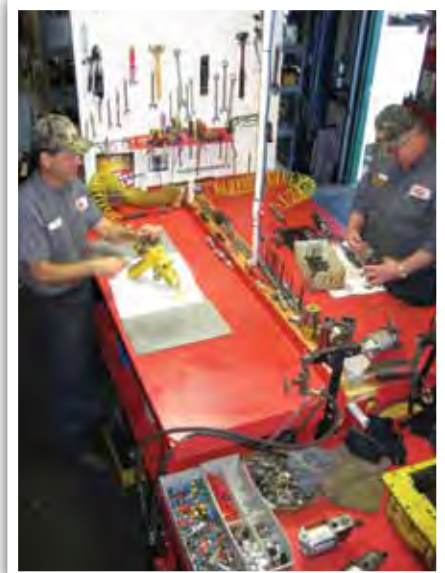
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