

**NEW**

**Ken-Tool®**

WHEREVER TIRES ARE CHANGED™

# INTRODUCING THE MAGNUM LINE OF CAGES

**SuperMagnum reduces energy blast force by 93%!**

*Designed to accept the new generation of Super Single and Super Wide-Base truck tires with their higher inflation pressures and air volumes. Rated to 130-PSI!*

*SuperMagnum Item No. 36010 with steel mesh diffuses 93% of blast force from zipper rupture!*



**Magnum**

Item No. 36009



**SuperMagnum**

Item No. 36010



**Portable Magnum**

Item No. 36019



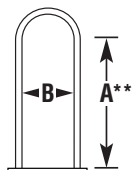
- ALL CAGES RATED TO 130-PSI
- Meets O.S.H.A. Standard No. 29 CFR Part 1910.177



**Magnum EZ Tire Rotator™ with Ramp**

Item No. 36013

- Ramp lifts tire onto rollers with ease



Model No.	Item No.	Description	Height A**	Width B	Base	Weight
<b>NEW</b> T109	36009	5-Bar Magnum	41-1/2" (105 cm)	24-1/2" (62 cm)	48" x 30" (122 cm x 76 cm)	211 lbs (96 kg)
<b>NEW</b> T110	36010	5-Bar SuperMagnum	41-1/2" (105 cm)	24" (61 cm)	48" x 30" (122 cm x 76 cm)	248 lbs (112.7 kg)
<b>NEW</b> T119	36019	Portable Magnum 2-Bar	49-1/2" (126 cm)	24-1/2" (62 cm)	7" x 30" closed (18 cm x 76 cm)	80 lbs (36.2 kg)
<b>NEW</b> T113	36013	Magnum EZ Rotator™ with Ramp			25" x 28" (64 cm x 71 cm)	22 lbs (10 kg)
<b>NEW</b> T118	36018	EZ Rotator™ with Ramp			25" x 25" (64 cm x 64 cm)	21 lbs (9.5 kg)

\*\* For reference only. Height A refers to the approximate height to the inside bend of the cage. May accommodate taller tires.



## MOST COMPLETE LINE OF RESTRAINING DEVICES

Count on Ken-Tool to help make tire service safer!

*Heavy-gauge all steel cages protect workers, equipment and facilities.*

*Mandatory for any shop working with tubeless and multi-piece rims. Guards against blown lock rings and rims. Designed to meet OSHA reg. 29-CFR Part 1910.177 for restraining devices.*



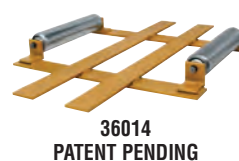
**Earthmover  
Tire Inflation Cage**  
"World's Largest  
Single-Piece  
Inflation Cage"



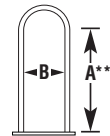
36011  
PATENT PENDING



36013  
36018



36014  
PATENT PENDING



\*\* For reference only.  
Height A refers to the  
approximate height to  
the inside bend of the  
cage. May accommodate  
taller tires.

Work safely. Always use an  
inflation cage when inflating  
tires. Follow OSHA regulation  
29-CFR Part 1910.177  
whenever changing tires.

Model No.	Item No.	Description	Height A**	Width B	Base	Max. PSI	Weight	
<b>Portable Inflation Cages</b>								
T101	36001	Portable Wide Base 2-Bar	41" (104 cm)	16" (41cm)	7" closed x 21-1/2" (18 cm x 55 cm)	130	60 lbs (27.2 kg)	
T101A	36007	Portable 2-Bar	43-1/2" (111cm)	20-1/2" (52 cm)	7" closed x 27" (18 cm x 69 cm)	130	72 lbs (32.6 kg)	
<b>NEW</b>	<b>T119</b>	<b>36019</b>	<b>Portable Magnum 2-Bar</b>	49-1/2" (126 cm)	24-1/2" (62 cm)	7" x 30" closed (18 cm x 76 cm)	130	80 lbs (36.2 kg)
<b>Inflation Cages</b>								
T102	36002	4-Bar Cage	43-1/2" (111cm)	20-1/2" (52 cm)	31-1/2" x 26" (80 cm x 66 cm)	130	146 lbs (66.2 kg)	
T103	36003	3-Bar Passenger & Light Truck Cage	30" (76 cm)	16" (41 cm)	21-1/2" x 22" (55 cm x 56 cm)	130	80 lbs (36.2 kg)	
T104	36004	3-Bar Cage (OTR)	65" (165 cm)	24" (61cm)	30" x 27" (76 cm x 69 cm)	130	158 lbs (72.6 kg)	
T105	36005	5-Bar Cage	43-1/2" (111cm)	20-1/2" (52 cm)	41" x 26" (104 cm x 66 cm)	130	182 lbs (82.5 kg)	
T106	36006	3-Bar Cage	43-1/2" (111cm)	20-1/2" (52 cm)	26" x 22" (66 cm x 56 cm)	130	134 lbs (60.7 kg)	
<b>NEW</b>	<b>T108</b>	<b>36008</b>	<b>7-Bar Cage</b>	46" (117 cm)	29" (74 cm)	56" x 34" (86 cm x 142 cm)	130	485 lbs (220 kg)
<b>NEW</b>	<b>T109</b>	<b>36009</b>	<b>5-Bar Magnum</b>	41-1/2" (105 cm)	24-1/2" (62 cm)	48" x 30" (122 cm x 76 cm)	130	211 lbs (96 kg)
<b>NEW</b>	<b>T110</b>	<b>36010</b>	<b>5-Bar SuperMagnum</b>	41-1/2" (105 cm)	24" (61 cm)	48" x 30" (122 cm x 76 cm)	130	248 lbs (112.7 kg)
<b>NEW</b>	<b>T111</b>	<b>36011</b>	<b>10-Bar Earthmover</b>	76" (193 cm)	42" (107 cm)	48" x 72" (122 cm x 183 cm)	100	828 lbs (376.4 kg)
<b>EZ Tire Rotators™</b>								
<b>NEW</b>	<b>T113</b>	<b>36013</b>	<b>Magnum EZ Rotator™ with Ramp</b>		25" x 28" (64 cm x 71 cm)		22 lbs (10 kg)	
	T114	36014	EZ Tire Rotator™		17-1/2" x 25-1/2" (44 cm x 65 cm)		16 lbs (7.3 kg)	
<b>NEW</b>	<b>T118</b>	<b>36018</b>	<b>EZ Rotator™ with Ramp</b>		25" x 25" (64 cm x 64 cm)		21 lbs (9.5 kg)	



## Ken-Tool announces the new 36010 5-bar SUPER MAGNUM tire cage

*Exhibits 93% reduction in side force energy from sidewall zipper rupture*

**AKRON, Ohio (August 1, 2013)** -- Ken-Tool, the leader in tire servicing hand tools and equipment, has announced the expansion of its industry leading line of tire restraining devices with the introduction of the 36010 **5-bar SUPER MAGNUM** cage, helping raise the safety of truck tire service to a new level.

Testing has shown the **SUPER MAGNUM** cage reduces the side-force energy resulting from a catastrophic sidewall zipper rupture of a Super Wide-Base tire by **93 percent**. The impressive reduction of side-force energy is achieved with expanded steel mesh deflection barriers welded to the insides of the cage tubing. The cage features 5 mandrel-bent, high-strength 12 gauge, 2-1/4" (5.7 cm) diameter structural steel tubes, welded to a 3/16" (0.48 cm) thick steel plate base with a 2.0" (5.08 cm) wide, 1/4" (0.635 cm) thick reinforcing strap welded to the tubes.



**5-Bar SUPER  
MAGNUM CAGE**

The Ken-Tool also offers the 36009 **5-bar MAGNUM** which is structurally and dimensionally identical to the **5-bar SUPER MAGNUM**, but does not include the screen mesh barrier. Both restraining devices are made in the USA.

The Magnum cages are 48" long, 30" wide and 56-1/4" tall (122 cm. x 76 cm x 143 cm). They are designed to provide more inside clearance for the new generation of Super Single and Super Wide-Base truck tires, with their higher inflation pressures and air volumes. Both cages are rated to 130 psi, and meet the O.S.H.A. Standard No. 29 CFR Part 1910.177 regulations.

Ken-Tool products are available through leading tire industry supply distributors worldwide.

### **About Ken-Tool**

Ken-Tool is the world's leading manufacturer of professional automotive and tire service tools. Headquartered in Akron, Ohio, Ken-Tool has been providing the tire industry and automotive aftermarket with quality products for over 90 years.



# Why choose Ken-Tool Tire Inflation Cages?



## **Tire inflation cages serve 2 primary functions:**

1. Absorb energy from a tire and wheel failure.
2. Isolate the tire and wheel away from the tire technician.

To absorb the energy from a failure, the steel side tubes must bend, but not break. The base plate must also lift and absorb energy and keep the stress from the tubes off the welds. Bigger tubes and thicker base plates rebound more energy and do not dissipate it.

1. The T111 (36011) Earthmover Inflation Cage, is rated to 100 PSI.
2. Ken-Tool uses A500 hot-rolled pickled & oil steel tubing which is specially designed to deform consistently to absorb any impact from wheel components.
3. All cages are inspected and certified to OSHA regulation 29-CFR 1910.177 and are labeled in English and Spanish.
4. Each Ken-Tool Cage is made in the U.S.A. by a 3G American Welding Society certified and tested welder.
5. All of Ken-Tool's Inflation Cages are rated to 130 PSI.
6. 1/8" thick A500 steel base plate with single welded wheel stops allow the base plate to deform and keep the stress of the explosion away from the welds

