

# OTR CATALOGUE

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Welcome to TRG's  
all new

# OTR PRODUCT CATALOGUE



It gives us great pleasure to introduce to you our growing portfolio of products in our very first **TRG Catalogue**.

Our Industrial Team have been working tirelessly on developing a **single source supply solution** for our customers in the Mining, Construction, Industrial and Agricultural sectors, around the central notion of the wheel and tyre.

We have endeavoured to produce the definitive point of supply for all your tyre accessory and tooling needs.

And the really good news is, we're not finished yet. Our team will continue to source and develop new and innovative solutions as we continue to grow our business. Whether by client referral, project brief or through our own global network, we will find you products at the **cutting edge, saving you time and money** and ensuring your operation runs as smoothly and safely as possible.

We thank you for your custom and support and look forward to working with you into the future.

The **TRG** Team



# QUALITY STATEMENT

Tyre Response Group (TRG) is an Australian owned and operated independent provider of specialised products and services to the OTR tyre industry. Our management and staff are committed to providing high quality products and services that meet and exceed our customer's expectations.



## QUALITY OBJECTIVES

The management and staff at TRG are committed and will strive to:

- Manage our processes to maximise safety, efficiency and productivity.
- Follow up products and services provided, to ensure customer satisfaction is maintained at a high level.
- Manage our employee and morale to ensure employee retention is high.



## AS PART OF OUR SYSTEMS AND PROCESSES WE WILL:

- Train, educate and communicate with employees, contractors and other relevant interested parties in regard to this policy and quality expectations where necessary.
- Ensure that this policy is retained as documented information, and available to interested parties.
- Define and meet objectives, by documenting and monitoring measurable quality targets.
- Comply to statutory, regulatory and other requirements.
- Apply a Plan, Do, Check, Act methodology to our Quality Management System.
- Continually monitor and improve our quality performance and the effectiveness of our Quality Management System.
- Apply Risk Based Thinking within our systems, operations, and processes.
- Conduct audits to verify core processes and effectively managed within the business as part of Continual Improvement Process.
- Ensure our Quality Management System is conformant and certified to ISO 9001:2015.



# TYRE ACCESSORIES & TOOLING



**INFLATION SOLUTIONS.....p8**



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**TERRA**



# Inflation Solutions



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**TRUCK AND BUS VALVES**

Straight clamp-in valves used on both demountable and non-demountable rims. For 15.8 mm diameter valve hole.

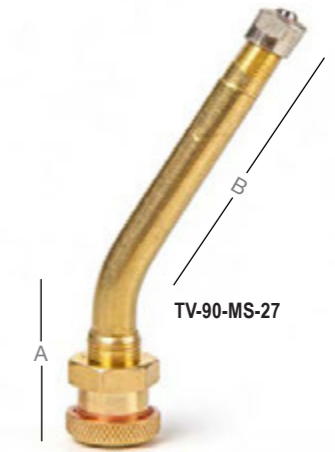
PART NO.	TR NO.	EFFECTIVE LENGTH MM
TV-TV-501	501	38.1
TV-TV-570	570	79.4
TV-TV-571	571	85.7
TV-TV-572	572	95.2
TV-TV-573	573	111.1
TV-TV-575	575	28.6



**METRIC RIM HOLE VALVE**

Some imported trucks will have steel wheels that incorporate the 9.7 mm valve hole. These are the most popular valves for this application.

PART NO.	TR NO.	BEND	A HEIGHT MM	B HEIGHT MM
TV-70 MS-27	V3-20-5	27°	46	39.6
TV-80 MS-27	V3-20-7	27°	46	50.8
TV-90 MS-27	V3-20-4	27°	46	60.3
TV-115 MS-27	V3-20-6	27°	46	85.7
TV-41 MS-00	V3-20-1	STR	46	--



**DOUBLE BEND VALVES**

For tubeless truck and bus tyres. Extra-low vertical height clamp-in type. Fits .625" valve hole.

PART NO.	TR NO.	EFFECTIVE LENGTH MM
TV-TV-503	501	38.1
TV-TV-515	570	79.4
TV-TV-1184	V3-14.3	83



**O-RING SEAL VALVES**

For Aluminium Truck Valves (9.7mm valve hole)



**SNAP-IN TYRE VALVES**

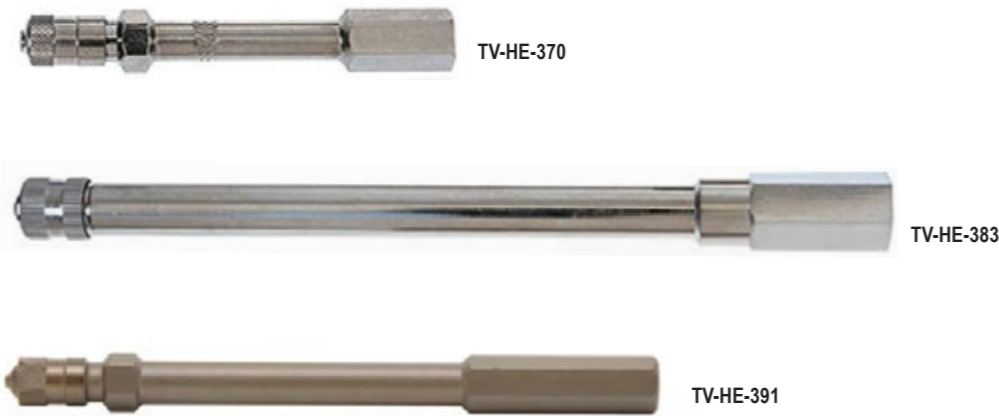
Included HT Valve Core and Cap.

PART NO.	TR NO.	EFFECTIVE LENGTH MM	VALVE HOLE
TV-TV-412	412	22.2	.453
TV-TV-413	413	31.7	.453
TV-TV-414	414	38.1	.453
TV-TV-415	415	31.7	.453
TV-TV-418	418	50.8	.453



PART NO.	TR NO.	A HEIGHT MM	BEND ANGLE	B LENGTH MM
TV-TV-542	542	31.7	--	--
TV-TV-543	543	60.9	--	--
TV-TV-543C	543C	23.6	45°	36.3
TV-TV-543D	543D	24.8	60°	35
TV-TV-544	544	73.6	--	--
TV-TV-544C	544C	24.8	45°	1.94
TV-TV-544D	544D	24.8	60°	1.94
TV-TV-546	546	107.9	--	--
TV-TV-546D	546D	24.8	60°	3.35
TV-TV-547D	547D	24.8	60°	3.78

RIGID TRUCK VALVE EXTENSIONS



- TRUCK VALVE EXTENSIONS TV-HE-370 SERIES LIGHTWEIGHT EXTENSIONS**  
 Series has the short collar for use on tube-type or tubeless valves. Has a double seal feature to assure a positive seal. .305-32 cap thread.
- TV-HE-380 SERIES STRAIGHT METAL EXTENSIONS**  
 These screw on the standard valve stem (.305-32 cap thread) and make the valve mouth accessible for service. .305-32 cap thread.
- TV-HE-390 SERIES LIGHTWEIGHT EXTENSIONS**  
 Lightweight extensions are the same as above except with a long collar.

PART NO.	DESCRIPTION	COLLAR TYPE	EFFECTIVE LENGTH MM
TV-HE-370	Truck Ext	Short 9.5 mm	50.8
TV-HE-371	Truck Ext	Short 9.5 mm	74.6
TV-HE-372	Truck Ext	Short 9.5 mm	100
TV-HE-373	Truck Ext	Short 9.5 mm	130.1
TV-HE-383	Truck Ext	Long 25.4 mm	155.5
TV-HE-389	Truck Ext	Long 25.4 mm	26.9
TV-HE-390	Truck Ext	Long 25.4 mm	50.8
TV-HE-390A	Truck Ext	Long Collar	50.8
TV-HE-391	Truck Ext	Long 25.4 mm	74.6
TV-HE-391A	Truck Ext	Long Collar	74.6

FLEXIBLE TRUCK VALVE EXTENSIONS

- Extremely durable and long-lasting steel braid valve extensions for easy access to the tyre valves of both inner and outer wheels.
- Available in 150mm, 200mm, and 250mm lengths.
- Other lengths available upon request.



VALVES CORES & CAPS



PART NO.	TR NO.	DESCRIPTION
TV-A-100-VC-1	VC-1	Heat-Resistant Core for Cars, Bus and Truck
TV-A-100-VC-2	VC-2	Screwdriver Valve Cap for Removing Valve Cores
TV-A-100-VC-3	VC-3	Metal Dome Valve Cap
TV-A-100-VC-8	VC-8	Plastic Dome Valve Cap
TV-DS-1	--	Double Seal Valve Cap

## HIGH PRESSURE SHOCK STRUT VALVES



TV-H-798



TV-H-6116B

- **TV-H-798 SHOCK STRUT VALVE**  
For use on shock struts where operating pressure is rated for 5,000 PSI.
- **TV-H-6116B**  
Fits .305-32 thread size with 3.1mm NPT female connection with 70° bend. Equipped with hard fiber sealing washer. Used up to 5000 PSI working pressure.

## HIGH PRESSURE INFLATING CONNECTORS



TV-H-556



TV-H-2755



TV-H-2755-L

- **TV-H-2755 HIGH-PRESSURE INFLATING CONNECTOR**  
Fits .305-32 thread size with 3/8-24 thread for 4.7mm flare tube fitting. Has core depressor pin and copper sealing washer. Maximum working pressure 3000 PSI.
- **TV-H-556 HIGH-PRESSURE INFLATING CONNECTOR**  
Fits .305-32 thread size with 3.1mm NPT male connection. Has core depressor pin, and copper sealing washer. Maximum working pressure 3000 PSI.
- **TV-2755-L LB HIGH-PRESSURE INFLATING CONNECTOR**  
Fits .482-26 thread size with 3/8-24 thread for 4.7 mm flare fittings. Has core depressor pin and copper sealing washer. Maximum working pressure 3000 PSI.

## LIQUID FILL



TV-310

- **TV-310 VALVE ADAPTER GUN**  
Has a 1/2" female pipe thread and will attach to any calcium tyre filling pump, it will extract the valve core from a Standard Bore valve or the core housing from a tractor valve. It will securely hold the valve core or core housing from a tractor valve.



TV-AQF



TV-N-1091



TV-TV-618A

- **TV-AQF QUICK FILL**  
A simple, time-saving tool that allows the user to fill a tractor tyre or large off-the-road tyre with liquid, and do other tasks while the tyre is being filled. Air is automatically vented through a side port while the liquid is being injected into the tyre. When the tyre is filled, the water escapes from the vent hole, indicating that the tyre is full.
- **HAL-N-1091 WATER ADAPTER**  
Water Adaptor for Liquid fill tyres.
- **TV-TV-618A**  
Air/Liquid Valve, 47.6mm length

## SERVICE GAUGES



TV-GA-135

TV-GA-140



TV-GA-155S

TV-GA-160



TV-GA-105

TV-GA-120M



PART NO.	CALIBRATION	INCREMENTS	CHUCK STYLE
TV-GA-135	10-150 PSI	2 PSI	Angled Chuck
TV-GA-140	10-160 PSI	2 PSI	Angled Chuck
TV-GA-155S	10-150 PSI	2 PSI	Straight-on 30° Reverse
TV-GA-160	20-120 PSI	2 PSI	Straight-on 30° Reverse
TV-GA-120M	20-120 PSI	2 PSI	--
TV-GA-105	10-50 PSI	1PSI	--

## AIR CHUCKS

## ■ TV-CH-340 LOCK ON AIR CHUCK

Securely locks onto valve when sleeve is pushed forward, Releases when sleeve is pulled back. ¼" NPT female thread. Available for use with tyre changers. Also available in open version TV-CH-340-OP.



TV-CH-340

## ■ TV-H-5265

The TV-H-5265 is a specially designed air chuck that locks onto the cap threads of a SB valve stem when the sliding sleeve is pushed to the forward position. The chuck releases when the sleeve is pulled back. Available for use with tyre changers and auto type inflators. Also available in open version TV-H-5265-OP.



TV-H-5265

## ■ TV-CH-320

Very similar to the TV-N-1200 European-style clip-on air chuck. This is a closed-type chuck and offers the best seal available. Has serrated shank for ¼" I.D. hose.



TV-CH-320

## ■ TV-CH-360

This chuck features the popular European-style clip with a brass ¼" female fitting. Compact, durable and easy to use, this chuck is available either closed TV-CH-360 or open version TV-H-5265-OP.



TV-CH-360

## ■ TV-N-1200

Fits ¼" I.D. hose-open style.



TV-N-1200

## AIR CHUCKS



TV-CH-300

**TV-CH-300** ■  
This Lock-On Air Chuck with a small head design makes for easy access to hard-to-reach valves on inside dual wheels. Has 1/4" NPT female threads.

*Also available in open version TV-CH-300-OP.*



TV-CH-330-LO

**TV-CH-330-LO** ■  
Dual Foot straight-on 30° reverse angle chuck.



TV-CH-335

**TV-CH-335** ■  
Dual Foot for hard-to-reach tractor, dual wheel trucks and bus tyres. 1/4" NPT female threads. 6" long.



TV-CH-350-LO

**TV-CH-350-LO** ■  
Offering greater durability and more user friendly with a straight-on and 30° reverse angle chuck. 6" long chuck has 1/4" NPT female threads.



TV-CH-370-LO

**TV-CH-370-LO** ■  
Air chuck with a straight-on connection and a 180° reverse angle chuck allows easier access to valves located in tight, hard-to-reach places. 6" long chuck has 1/4" NPT female threads.

## TOOLS



TV-TL-612

■ **TV-TL-612 STANDARD BORE CORE TOOL**  
With an overall length of 203.2 mm and oversized handle, the TV-TL-612 provides a firm grip for inserting and removing valve cores.



TV-TL-620

■ **TV-TL-620 STANDARD BORE CORE TOOL**  
Plastic handle provides firm grip for inserting and removing valve core.



TV-TL-645

■ **TV-TL-645 VALVE FISHING TOOL**  
Combines valve core wrench and deflating pin with flexible cable for fishing valve through rim hole.



TV-TL-685

■ **TV-TL-685 CORE INSTALLATION TOOL**  
For Standard Bore and Large Bore.



TV-TL-665

■ **TV-TL-665 VALVE STEM INSTALLATION TOOL**  
Rugged tool handles any length valve in any size rim. Screws over valve threads and quickly installs valve into valve hole by applying pulling pressure.



TV-TL-610

■ **TV-TL-610 STANDARD BORE 4-WAY VALVE TOOL**  
Repairs and reconditions inside and outside valve threads. Inserts and removes cores. Corrosion-resistant, cadmium-plated.

RIM SPUDS



**TV-H-41 TUBELESS SPUD**  
Fits 13/16" rim hole. Used with all large bore swivel valves.



**TV-C-10 SCREW-IN SPUD**  
Screws into 1/2" NPT tapped hole in the rim. Can be replaced without dismantling rim.

SINGLE BEND SWIVEL VALVES



TV-WH-300-J-650



TV-WH-45-4



TV-WH-49-J-654

PART NO.	DEG	LENGTH MM	HEIGHT MM
TV-WH-300-J-650	80	79.4	27.4
TV-WH-300-J-653	80	63.5	27.4
TV-WH-300-J-657	80	101.6	27.4
TV-WH-45-2.5	90	63.5	27.4
TV-WH-45-4	90	101.6	27.4
TV-WH-45-5	90	127	27.4
TV-WH-45-6	90	152.4	27.4
TV-WH-45-7	90	177.8	27.4
TV-WH-45-8	90	203.2	27.4
TV-WH-45-9	90	228.6	27.4
TV-WH-45-10	90	254	27.4
TV-WH-45-12	90	304.8	27.4
TV-WH-45-18	90	457.2	27.4
TV-WH-45-24	90	609.6	27.4
TV-WH-49-J-654	60	79.4	27.4
TV-WH-50-J-659	90	88.9	50.4
TV-WH-58.2.5	60	63.5	54
TV-N-1418	74	44.5	27.4

TURRET VALVES



TV-WH-330-J-691



TV-WH-330-J-690

PART NO.	TR NO.	ANGLE	OFFSET MM	LENGTH MM
TV-WH-330-J-690	J-690	28	14.3	119.1
TV-WH-330-J-691	J-691	18	-	84.1
TV-WH-330-J-693	J-693	60	25.4	127.0
TV-WH-330-J-694	J-694	28	-	88.9

MISC. VALVES



TV-H-42



TV-H-45



TV-H-47



TV-T-670



TV-T-618A

PART NO.	TR NO.	DESCRIPTION
TV-H-42	TRJ-670-2	Straight Valve, complete with valve core and hex cap
TV-H-45	-	H-41 Rim Spud & H-42 Valve complete
TV-H-47	J-671	Screw-In Valve with 6.3mm male pipe thread
TV-T-670	-	Loader Tyre Valve
TV-618A	618A	Air/Water Valve

INFLATION SOLUTIONS | LARGE BORE

INFLATION SOLUTIONS | LARGE BORE

### HAND BENDABLE EXTENSIONS

Equipped with 2 lock nuts and 3/4" hex sealing nut. A teflon gasket seals on end of valve, the lead seal in the sealing nut is forced into the threads for a second seal, positively locking extension to valve. Cap and core not included. They should be removed from valve and transferred to extension. The extension should be anchored to the rim.

PART NO.	LENGTH MM
TV-753S-8	203.2
TV-753S-12	304.8
TV-753S-16	406.4
TV-753S-18	457.2



### RIGID BRASS EXTENSIONS

All-brass extension used where mounted in straight line with valve. Full-length deflector pin opens core in valve when servicing. Equipped with hex cap and 2 lock nuts on extensions over 5" in length. Other lengths can be ordered.

PART NO.	LENGTH MM
TV-867-2	50.8
TV-867-3	76.2
TV-867-6	152.4
TV-867-8	203.2



### FLEXIBLE EXTENSIONS

Made with tough rubber hose and reusable hydraulic-type fittings. Equipped with 2 lock nuts and 3/4" hex sealing nut. A teflon gasket seals on end of valve. The lead seal in the sealing nut is forced into the threads for a second seal, positively locking extension to valve. Cap and core are not included. They should be removed from valve and transferred to extension. Other lengths can be ordered.

PART NO.	LENGTH MM
TV-810F-8	203.2
TV-810-16	406.4
TV-810F-18	457.2
TV-810F-20	508.0
TV-810F-32	812.8



### CUSTOM BENT SWIVEL VALVES

Replacement valves and extensions for Caterpillar trucks.



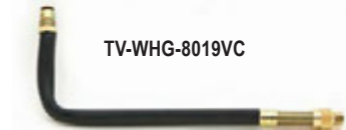
TV-WHG-4985VC



TV-WHG-8018VC



TV-WHG-0570VC



TV-WHG-8019VC

PART NO.	BENDS	LENGTH MM	MACHINE
TV-WHG-0570VC	5	507.2	CAT 773
TV-WHG-4985VC	4	501.6	CAT 773
TV-WHG-5410VC	5	801.2	-
TV-WHG-8018VC	4	679.4	CAT 777
TV-WHG-8019VC	1	203.2	CAT 777

### CORES & CAPS



TV-A-145



TV-A-148



TV-A-149



TV-AD1



TV-8807N-4

PART NO.	TR NO.	DESCRIPTION
TV-A-145	C-2	LB Valve Core
TV-A-148	VC-6	LB Screwdriver Valve Cap
TV-A-149	VC-7	LB Hex Valve Cap
TV-AD1	-	Adapts LB down to SB
TV-8807N-4	-	Adapts LB down to SB

AIR CHUCKS



TV-377



TV-322



TV-H-4660A



TV-10013

PART NO.	CONNECTION	DESCRIPTION
TV-377	1/4" NPT Female	LB Lock-on Air Chuck
TV-322	1/4" NPT Female	LB Dual Foot Air Chuck
TV-4660A	1/4" NPT Female	LB Clip-on Air Chuck
TV-10013	1/4" NPT Female	LB Screw-on Air Chuck

GAUGES



TV-GA-250



TV-GA-240



TV-GA-255



TV-GA-255S-RCL

PART NO.	DESCRIPTION
TV-GA-240	SB / LB Pencil Gauge, 20-120 PSI
TV-GA-250	SB / LB High Pressure Gauge, 10-150 PSI
TV-GA-255	LB Swivel Foot Gauge, 10-150 PSI
TV-GA-255S-RCL	LB Swivel Foot Gauge, Re-Calibratable, 10-150 PSI

TOOLS



TV-TL-690



TV-TL-695



TV-TL-680



TV-TL-1710



TV-TL-1610



TV-TL-1810



TV-TL-1910



TV-8909-C

PART NO.	DESCRIPTION
TV-8909-C	LB Fishing Tool
TV-TL-690	LB / SB Core Tool
TV-TL-695	LB Core Tool
TV-TL-680	LB Core Tool (3-Way)
TV-TL-1610	LB Tool with Sliding Sleeve for positive grip on Core
TV-TL-1710	LB Tool with Sliding Sleeve for positive grip on Core
TV-TL-1810	LB Hex Cap Remover
TV-TL-1910	LB Core Remover

SUPER LARGE BORE VALVE SYSTEM

**COMPONENTS OF SUPER LARGE BORE SYSTEM**

There are four parts to the valve and a unique inflator is also needed to maximize the air flow.

RIM SPUDS



PART NO.	DESCRIPTION
TV-C-100	Screw-In Spud
TV-T-81	Clamp-In Spud
TV-T-82	Clamp-In Spud, 6mm longer than T-81
TV-S-85	Screw-In Spud, 85 Deg Bend Angle
TV-S-85-D	Same as S-85 but includes locking nut and teflon seal
TV-SLB-85	Screw-In spud, fits 3/4" NPT-tapped rim hole 85 Deg Bend Angle
TV-S-60	Screw-In Spud, 60 Deg Bend Angle

ANGLE CONNECTORS



PART NO.	DESCRIPTION	ANGLE
TV-R-525	Swivel Angle Connector, 90 Degree	90
TV-R-625	Swivel Angle Connector, 80 Degree	80
TV-R-660	Swivel Angle Connector, 60 Degree	60
TV-R-675	Swivel Angle Connector, 75 Degree	75
TV-R-685	Swivel Angle Connector, 85 Degree	85

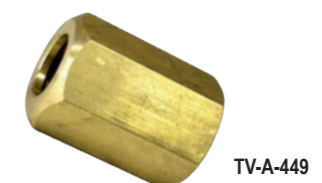
ASSEMBLY KIT FOR SLB EXTENSIONS



- TV-R-969K Kit**  
Consists of 1 x TV-R-520 core housing, 1 x TV-R-763 straight tubing connector, 1 x TV-R-762S swivel connector, 2 x TV-B-222 hex nuts and 2 x TV-R-764R tubing connector sleeves.
- TV-R-969K-1 Kit**  
Consists of above without the TV-R-520 core housing



**TV-R-760-50**  
Extension Tubing (50ft Lengths)



**TV-A-449**  
Protects threads on SLB Core Housings

HD VALVE EXTENSIONS



- Developed hydraulic style crimp fitting to withstand pressure up to 2500psi.
- Unaffected by rock damage & lasts the lifetime of the rim.
- Includes TV-R-520 Core Housing.



TV-SLBHD-LENGTH

- Prefabricated to any length to suit large dump truck tyre valves.

RIGID VALVE EXTENSIONS



TV-MR-800

- **TV-MR-800**  
Rigid Metal Swivel Valve with TV-R-520 core housing and TV-B-222 lock nuts. Can be ordered in different lengths



TV-N-1538A

- **TV-N-1538A**  
Turret Valve with 15 Deg bend, 200mm in length.

- **TV-N-1543A**  
Turret Valve same as above but 155mm in length.

MISC. VALVES



TV-R-372



TV-M-5000



TV-M-1870



TV-H-50

PART NO.	DESCRIPTION
TV-R-372	SLB Core Housing with SB Valve Tip
TV-M-5000	SLB Straight Valve, Thread Size 3/4"-16
TV-M-1870	SLB Straight Valve, TV-T-81 and TV-R-520
TV-H-50	SLB Straight Valve, TV-T-81 and TV-R-372

TOOLS



TV-IN-100

■ TV-IN-100 INFLATOR ADAPTOR

- Reduces inflation time 60%, deflation time 80%.
- Left hand threads on union body will not come loose when screwing on to valve.
- 3/4" pipe thread for easy air hose connection. During inflation, air pressure in the tyre can be checked through the stem knob with a tyre pressure gauge.
- 1-Pce stainless steel stem and collet.

TOOLS

■ **TV-B070121007**

Muffler protects the hearing of the operator while deflating the tyre. 3/4" fitting attaches to the TV-IN-100 inflator. Decibel rating 17-25 DBA.



■ **TV-TL-800**

Core Housing Replacement Tool. Safely removes and replaces TV-R-520 core housing without losing pressure in the tyre.



■ **TV-T-620**

Assembly Tool to assemble SLB flexible extensions in the field.

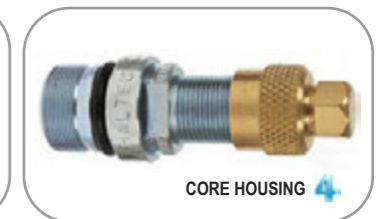
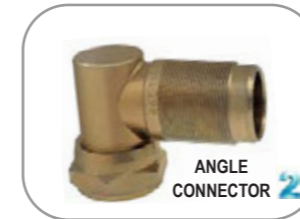


■ **TV-SLBHAT**

Assembly Tool to hydraulically assemble SLB flexible extensions. Fully portable and can be used anywhere an air hydraulic pump is available.



Z BORE VALVE SYSTEM



**COMPONENTS OF Z BORE SYSTEM**

There are four parts to the valve and a unique inflator is also needed to maximize the air flow.

RIM SPUDS



TV-Z2



TV-Z1



TV-Z13



TV-Z4

PART NO.	DESCRIPTION
TV-Z2	Clamp-In Spud
TV-Z1	Screw-In Spud
TV-Z13	Screw-In Spud, Converts 3/4" MB to ZB
TV-Z4	Screw-In Spud, Fits 1/2" NPT 85 Deg Bend Angle
TV-Z24	Screw-In Spud, Fits 3/4" NPT 85 Deg Bend Angle

ANGLE CONNECTORS



PART NO.	DESCRIPTION	ANGLE
TV-Z3-60	Swivel Angle Connector, 60 Degree	60
TV-Z3-75	Swivel Angle Connector, 75 Degree	75
TV-Z3-80	Swivel Angle Connector, 80 Degree	80
TV-Z3-90	Swivel Angle Connector, 90 Degree	90

ASSEMBLY KIT FOR Z-BORE EXTENSIONS



TV-Z10



TV-Z17



TV-Z8



TV-Z2-2



TV-Z9

TV-ZFAK

Consists of 1 x TV-Z10 core housing, 1 x TV-Z17 straight tubing connector, 1 x TV-Z8 swivel connector, 2 x TV-Z2-2 hex nuts and 2 x TV-Z9 tubing connector sleeves.



TV-Z-100 Extension Tubing (100ft Lengths)

TOOLS



TV-Z12-B INFLATOR ADAPTOR

This inflator operates like the TV-IN100 SLB inflator. as seen on page 31.

Left hand threads on union body will not come loose when screwing on to valve.

TV-B070121007

Muffler protects the hearing of the operator while deflating the tyre. 3/4" fitting attaches to the TV-Z12-B inflator. Decibel rating 17-25 DBA.



TV-Z5

Assembly Tool to assemble ZB flexible extensions in the field.

TUBELESS O-RINGS



- Manufactured of the highest quality material.
- Packaged 2 per bag.
- 24 O-rings per box.
- Easy to read identification.
- Manufactured to OEM specifications.
- Working environment -40C to 82C.

PART NO.	RIM SIZE	ROD DIA (IN)
TV-OR-224	24"	.26
TV-OR-225	25"	.26
TV-OR-325	25"	.385
TV-OR-329	29"	.385
TV-OR-333	33"	.385
TV-OR-335	35"	.385
TV-OR-339	39"	.385
TV-OR-345	45"	.385
TV-OR-349	49"	.385
TV-OR-449	49"	.50
TV-OR-451	51"	.50
TV-OR-457	57"	.50
TV-OR-457-OVM	57"	.50
TV-OR-463	63"	.50
TV-OR-463-OVM	63"	.50

- **TV-N-1410 EM TREAD DEPTH GAUGE**  
Indicating Bar is calibrated with 32nds on one side, other side in millimetres. Magnified sight glass for easy readability.

If magnifying glass not required, order **TV-N-1710**.



- **TV-N-1420H TRUCK TREAD DEPTH GAUGE**  
Calibrated in millimetres, measures both shoulder wear and tread depth. Gauge comes in a pocket-size, clear protective pouch.

- **TV-GA-190 TREAD DEPTH GAUGE**  
Calibrated in millimetres, quickly and accurately measures how much tread is left on the tyre.



- **TV-DT190-32 DIGITAL TREAD DEPTH GAUGE**  
Displays tread depth in millimetres and inches. Zero function allows for a zero gauge at any time for quick and easy readings.



■ **TV-1976**  
Small Bore Gauge, 10-60 psi  
Accuracy complies with European  
regulation UNI EN12645:2014  
Case included



■ **TV-GA-276**  
Small Bore and Large Bore  
Gauge with Extension  
Handle and Bleeder Valve

■ **TV-1930**  
Small Bore and Large  
Bore Gauge with Swivel  
Chuck, 10-174 psi



■ **TV-GA-290**  
Small Bore and Large  
Bore Air Master Gauge  
equipped with  
recalibration feature



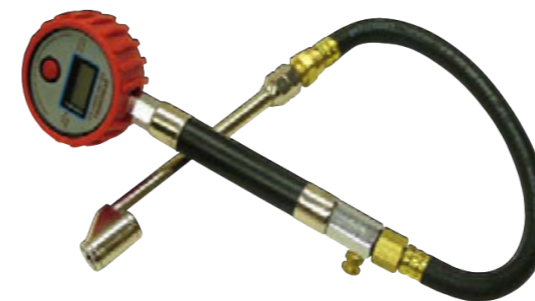
■ **TV-GA-274**  
Small Bore and  
Large Bore  
Air/Liquid Gauge



■ **TV-GA-300-377**  
LB Gauge with  
built-in filter and  
accessible  
reservoir for easy  
cleaning



■ **TV-GA-289**  
Replacement Dial Gauge  
Operating Range: 0-160  
PSI Increments: 5



■ **TV-GA-850-370**  
Small Bore Gauge with  
TV-CH-370 dual foot air chuck

■ **TV-N-1510**  
Cap Gauge, screws  
on to Large Bore and Super  
Large Bore valves for  
inspection of tyre pressure



■ **TV-GA-850-377S**  
Large Bore Gauge with  
TV-377S air chuck



■ **TV-GCS-A**  
Heavy duty calibration tool used  
to verify accuracy of small bore  
and large bore pressure gauges  
up to 160psi.  
  
Features large 4" liquid filled  
gauge with 2lb increments, an  
inline filter and pressure regulator,  
ensuring precise +/- 1%  
accuracy for better tyre  
maintenance

■ **TV-DT-105**  
Small Bore Gauge, 2-100 psi  
PSI Increments: 0.5





■ **TV-I-401 EXTRA HEAVY-DUTY LB INFLATOR WITH STRAIGHT CLIP-ON CHUCK**

1.5 m LB inflator has 1/2" ball valve with provision for checking air pressure and TV-H-4660A straight lock-on chuck. Rubber hose is 1.5 m long. Inflator has a 3" I.D. for maximum air flow.

Threaded for 1/2" male NPT hose fittings.



■ **TV-I-404 HEAVY-DUTY HOSE INFLATOR WITH 1.5 M HOSE**

Heavy-duty inflator has two separate clip-on chucks. Once chuck, TV-CH-360, fits SB valves and the other, TV-H-4660A, LB valves. Has spring-loaded, hand-operated valve and has provisions for checking air pressure during inflation.

Threaded for 1/4" male NPT hose fittings.



■ **TV-I-405 INFLATING GAUGE**

Inflation unit with in-line gauge. Lightweight aluminium body with brass calibration bar and O-rings seals. Calibrated 10-120 PSI in 2lb. increments, precise inflation control, 1/4" female NPT inlet with TV-CH-360-OP clip-on air chuck. Also available with hose lengths of 0.9 m or 2.7 m.

Specify length when ordering.

■ **TV-I-406M INFLATING GAUGE**

Has 3.6m of hose and TV-CH-335 dual foot air chuck to service small diameter wheels. Gauge is calibrated 10-120 PSI in 2-lb. increments.



■ **TV-I-409 LB INFLATION GAUGE WITH 1.8 M HOSE**

LB inflation unit with in-line gauge. Equipped with TV-H-4660A chuck. Gauge is calibrated 10-120 PSI in 2lb. increments.



■ **TV-1991 INFLATION GAUGE**

This Wonder 1991 precision tyre inflation gauge is designed for maximum accuracy and reliability, with Eurodainu technology for precise and repeatable readings from 0 to 15 bar. Enjoy effortless operation and enhanced user safety, perfect for all types of vehicles.

Suitable for nitrogen.





- TV-I-340-20**  
 Has 1/2" ball valve with gauging port for checking pressure. Equipped with safety coupler for releasing the pressure in case of an emergency. 1/2" NPT connection, 3/8" ID for maximum air flow.



- TV-I-496-20 INFLATOR W/6 M HOSE**  
 Safely removes operator away from blast zone. Shut-off valve (ball valve) enables operator to stop inflation for proper tyre inspection. Includes TV-IN-95 and three additional unions to adapt different sizes such as SLB, MB and ZB.



- TV-RI-250-20 REMOTE MOUNTED REGULATED INFLATOR**  
 Ideal for wall or post mounting. Unattended inflation to set pressure. Quick disconnect to stop inflation and deflate the tyre in an emergency. On/off ball valve to start and stop inflation. 1/4" NPT inlet.

#### TV-OTR-TDT DEFLATION CART

- Deflator greatly decreases the time and money it takes to deflate a large OTR tyre.
- Operates most effectively when using a compressor producing 155 cfm at 150 PSI.
- Low-maintenance tool with short term ROI.
- Easy-to-service air exhaust muffler.
- Quiet - operates at 80 dB.

#### Comes equipped with:

- Cold weather 25' air line rated for 300 PSI replacing the industry's standard 15'-20' safety deflation/inflation air lines being used.
- Valve stem adapter c/w unions for both the SLB and Z-Bore size valve stems.



#### TV-OTR-WALL MOUNT DEFLATOR

- Deflator greatly decreases the time and money it takes to deflate a large OTR tyre.
- Operates most effectively when using a compressor producing 155 cfm at 150 PSI.
- Comes equipped with heavy-duty axles and flat-free pneumatic tyres.



#### ■ ES-10960 DIAL GAUGE TYRE INFLATOR

A handheld tyre inflation unit designed for professional and hobbyist applications. The easy to read/measure large dial style, that reads both psi and bar, makes it ideal for any tyre shop or personal garage.

Constructed of a lightweight Aluminium die-cast body covered by a protective rubber sleeve, this unit is designed for maximum protection/strength of the inflation unit as well as comfort for extended use in the shop or at home.

- Each unit is individually tested and calibrated (includes calibration certificate)
- Pressed Steel Operating Lever – Single Trigger Style
- Air Chuck Style: Single Straight (Clip-on)
- Large Display for easy reading of psi/bar settings when inflating tyre



#### ■ ES-10962-L DIGITAL TYRE INFLATOR [6 FT. HOSE]

A single trigger handheld tyre inflation unit designed to meet the demands of daily use in workshops or out in the field on service vehicles.

This digital compact design inflator is constructed to withstand constant use, with a robust rubber casing that provides additional shock resistance when being used daily.

- Large Digital LCD Screen – Easy to Read Display
- Multi-Scale Gauge: PSI, kPa, Bar
- Comes with dual angle “Lock-On” style clip with rubber comfort grip for ease of use
- 80 Hour Battery Life (2 x AAA Batteries)
- Operation: Inflate, Deflate, Measure



#### ■ ES-10961 DIGITAL TYRE INFLATOR

Featuring a rechargeable 60-hour lithium-ion battery, an advanced ceramic sensor for precise inflation, and a clear VA LCD screen. Designed for both professionals and hobbyists, this durable inflator reduces tyre wear and improves safety.

- NEW Ceramic sensor delivers exceptional accuracy within  $\pm 1$  psi for pressures ranging from 25-75 psi.
- Features a high-contrast VA LED display, enhancing visibility with a black background and white text.
- Versatile multi-scale pressure gauge.
- Includes calibration certificate.



#### ■ ES-10963 AUTOMATIC HANDHELD TYRE INFLATOR

A truly portable automatic inflator/deflator, powered by a rechargeable Lithium-Ion battery, lasting up to an impressive 15 hours (continuous use). Housed in a tough ABS case, has a 5 ft. hose and inflates up to 174 psi at an astonishing 88 cfm | 2,500 L/min @ 182 psi.

With OPS (Over Pressure Setting) making it ideal for mobile fitting for truck, car and earthmoving equipment.

- Large Backlit Digital Display
- Two programmable Pre-set buttons
- Multi-scale gauge: PSI, bar.
- Rechargeable Battery – Includes AC adaptor for charging
- Includes Calibration Certification





WALL MOUNT DIGITAL TYRE INFLATORS

WALL MOUNT DIGITAL TYRE INFLATORS



**ESCO Digital Wall Mounted Tyre Inflator (ES-10964)**

can hold two programmable “pre-sets”, for quick access to common tyre inflating pressures and can accurately inflate tyres with up to 164 ft. of air hose.

It’s a wall mountable inflation system cased in a heavy-duty steel housing, designed to be used indoors in an industrial or workshop environment.

With an accuracy rating of +/- 0.3 psi and a 1-year warranty, this professional inflation unit is perfect for any application.



**ESCO Digital Wall Mounted Tyre Inflator (ES-10965)**

is a wall mountable inflation system cased in a robust die cast aluminium housed digital auto inflator is simple to use with plug and play design.

All the customer needs to do is preset the required pressure, place the chuck on the tyre valve and the built-in auto start inflates/deflates the tyre to the specified pressure.

This unit accurately inflates tyres with up to 164 ft. of air hose. With an accuracy rating of +/- 0.3 psi and a 1-year warranty, this professional inflation unit is perfect for any application.

- Two programmable pre-set functions for quick use with common inflation values
- Designed with a heavy duty metal house
- Large backlit LCD display
- Inflates accurately with hose length up to 165 ft | 50 m
- Operation: Inflate, Deflate, & Measure Air Pressure
- OPS System – audible warning
- Comprehensive Diagnostics & Error Reports



- Aluminium Die-Cast Housing
- Mechanical Anti-Vandal Buttons
- IP56 Rated for Indoor and Outdoor Use
- OPS System – Audible Warning
- Comprehensive Diagnostics and Error Reporting
- Will Inflate Accurately with Hose Lengths up to 164 ft. | 50 m long



**4-WAY INFLATION KIT**  
designed for inflating up to 4 tyres at once at the same pressure setting.  
model ES-10965-K

# Tooling Solutions



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**COMBI STYLE**

3-Pce Wheel Assemblies



**ES-10101 COMBI BEAD BREAKER**

- Works on all single, two and three piece wheels.
- Teeth and pushing foot are replaceable.
- Will work with any 10,000 psi hydraulic pump.
- Equipped with high flow hydraulic coupler.

**ES-10102 MAXI STYLE BEAD BREAKER**

- Works on all 3 piece wheels with extended flange that have replaced the older 5 piece wheels.
- Extended jaw design for deep dishes style wheels.
- Longer feet and claw than “Combi” Bead Breaker ES-10101.
- Easy replaceable teeth and jaw design.



**ES-40801 ALUMINIUM BEAD BREAKER**

- Lightweight aluminium construction.
- 10 Tons of bead breaking force.
- Comparable to the steel combi bead breakers.
- To be used on single, and 3-piece wheel assemblies.
- Extended jaw for deep dish style wheels (extended flange).



**EURO STYLE**

3-Pce Wheel Assemblies



**ES-10107 ALUMINIUM BEAD BREAKER**

- Universal bead breaker designed to work on all single piece, two piece and three piece wheels.
- Lightweight aluminium construction.
- Will work with any 10,000 psi hydraulic pump.

**ES-40804 ALUMINIUM BEAD BREAKER**

- Lightweight aluminium construction.
- Detaches inside and outside truck and tractor tyre bead breakers from rims.
- Designed to be used on 3-Piece wheel assembly.
- Works on Caterpillar rims from 25 to 57in.
- 10 tons of bead breaking force.



**ES-40805 ALUMINIUM BEAD BREAKER**

- Lightweight aluminium construction.
- Earthmover style bead breker for EM tyres 25 to 57in.
- Designed for use on 3-Piece wheel assembly.
- Great for use on Caterpillar 952G, 924G, Volvo L120 rim configurations.
- 10 tons of bead breaking force.





**EARTHMOVER**

25-51" Wheel Assemblies



■ **Model ES-10100**

- For use on 5 piece rims 25-51 in. with pry bar or bead loosening pockets.
- Easy to maneuver and position alignment screw with flat round rim protection cap.
- 13.8 ton ram will break the toughest beads.
- Will work with 10,000 psi hydraulic pump.

■ **Model ES-40802**

- 20 tons, **aluminium** lightweight design.
- Specially designed claws - able to be used on wheels with smaller bead pockets.
- INCLUDES: (2) aluminium style wedges 40802-20 to increase usage on a wider range of wheel assemblies.



[40802-20]



■ **Model ES-10105**

- Use on 5 piece rims 25in & 29in. earthmover tyre/wheel with pry bar/bead loosening pocket.
- Design fits on the backside of most wheels.
- 10 tons, 2in. Stroke (55mm).
- Used with 10,000 psi air/hydraulic pump.



**GIANT**

45-63" Wheel Assemblies



■ **Model ES-10103**

- Use on 5 piece wheels 39in, 45in, 51in, and 63in.
- 25 tons of bead breaking force.
- Equipped with high flow hydraulic coupler.
- Replaceable hooks locks on to rim holding bead breaker in place.

■ **Model ES-10144**

- 25 tons of bead breaking force, designed to prevent the tool from kicking out while under hydraulic pressure.
- Smooth Ball Bearing Set Screw design makes positioning and securing bead breaker jaw(s) to wheel face with control and accuracy - reduces resetting/positioning of bead breaker.
- Longer length jaw hooks for application on a much wider range of 5-piece rims out in the market.
- Available accessories for Rimex style DGS & Titan style SVM/OVM wheels.

(Model **10144K** includes 10144, 10144-SPADE & 10144- SPADE-XL)





AGRICULTURAL BEAD BREAKERS



■ ES-10165 DUAL WHEEL FARM TRACTOR TYRE BEAD BREAKER

Designed to be used on dual agricultural tyres to break inside bead on outside tyres, eliminating the need to remove the wheel off dual from tractors. This unit is fitted with two scissor-style arms that push the tyre bead away from the rim with 10,000 lbs. of hydraulic force with a minimum operating area of 4 1/2 inches and can expand as wide as 12 inches.

The ES-10165 also comes equipped with an easy positioning handle for better ergonomic use, as well as a 90-degree hydraulic coupler, keeping the hydraulic hose out of the way while trying to service the tyre /wheel.

- To be used on dual agricultural tyres to break inside bead on outside tyres, eliminating the need need to remove the wheel off of dual farm tractors.
- Lightweight and easy to use.
- Fitted with a removable handle for easier maneuvering and positioning of the bead breaker.
- 10,000 lbs. of pushing force.

■ ES-10106 DUAL AGRICULTURAL BEAD BREAKER

designed for inner beads on duals



- Operates with 10 tons of bead breaking force.
- Breaks the inner bead on dual farm tractor tyres.
- Requires just 3 inches of operating space between the dual tractor tyres (76mm).
- No need to remove the outside wheel to change the tyre on the outside dual.



**PNEUMATIC**  
designed to be used with impact gun

■ ES-20429 UNIVERSAL PNEUMATIC BEAD BREAKER



The ES-20429 can break the tyre bead on a wide range of tyres, from 10 inch lawnmower tyres to 42-inch farm tractor and backhoe tyres.

This handheld tool works on all single-piece and some 3-piece wheels, using an air or battery impact gun and / or air ratchet wrench, No hydraulic pump or wheel removal is required.

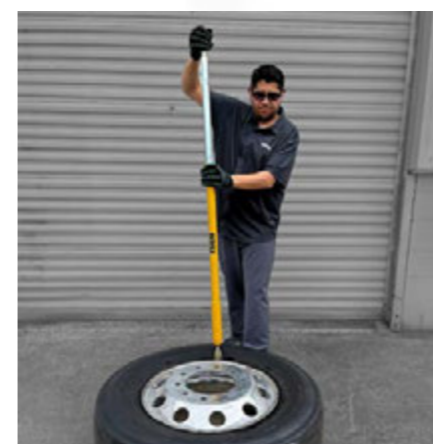


**SLIDE HAMMER**  
commercial-grade manual style bead breaker



■ ES-70150 SLIDE HAMMER BEAD BREAKER

- Breaks the most stubborn beads with ease.
- Reduces use fatigue with its spring action design.
- This design prevents slide hammer kick back.
- The wedge foot is forced between the bead and rim flange, delivering blow directly to the tip.





**ES-10518 2.5L AIR HYDRAULIC PUMP**

- For use with a variety of hydraulic rams, cylinders, presses, bead breakers, and other hydraulic equipment requiring 10,000 psi for operation.
- Equipped with an air exhaust muffler for quiet pumping of the air motor.
- Durable, lightweight design great for service trucks, shop environments, or out in the field.
- Internal pressure relief valve system (load limit device) for overload protection.



**ES-10518C Kit**

10518	Air Hydraulic Pump, 1/2 Gallon
10604	Hose Assembly with Hose Coupler, 8 ft.
10601-K	Air Reducer, 6 in. Whip-Hose



**ES-10590 2.5L AIR HYDRAULIC PUMP**

- High density 2 1/2 quart.
- Lightweight polyethylene reservoir
- Air inlet filter keeps air clean
- All metal air motor



**ES-10591C Kit**

10590	Air Hydraulic Pump, 2 1/2 Quart
10604	Hose Assembly with Hose Coupler, 8 ft.
10601-K	Air Reducer, 6 in. Whip-Hose



**ES-10592 5L AIR HYDRAULIC PUMP**

- Rugged 5 quart metal reservoir.
- Specifically designed for tyre service trucks.
- Air inlet filter keeps air clean.
- All metal air motor.



**ES-10593C Kit**

10592	Air Hydraulic Pump, 5 Quart
10604	Hose Assembly with Hose Coupler, 8 ft.
10601-K	Air Reducer, 6 in. Whip-Hose



**ES-10594 7.5L AIR HYDRAULIC PUMP**

- Designed for use in the field, service truck or service center.
- Air inlet filter keeps air clean.
- All metal air motor.



**ES-10595C Kit**

10594	Air Hydraulic Pump, 2 Gallon
10604	Hose Assembly with Hose Coupler, 8 ft.
10601-K	Air Reducer, 6 in. Whip-Hose





HYDRAULIC RAMS



- **CYLINDER/ RAM BORES**  
Roller Polished/ Burnished to harden and to create a much more smooth surface: Improving seal life by **30%** compared to the competition.
- **10,000 PSI RATED CYLINDERS/ RAMS**  
designed with a burst pressure range from **25,000 TO 35,000 PSI**.
- **INDIVIDUALLY INSPECTED**  
for quality and to detect flaws in the steel.
- **100% DESIGNED, ENGINEERED & ASSEMBLED IN THE USA.**
- **EXTENDED 3-YEAR WARRANTY**  
on all ESCO® Pro-Series Rams & Cylinders\*

SPECIFICATIONS:	10301	10302	10303	10304	10305	10306	10310
Ram Tonnage	10 Tons	10 Tons	10 Tons	10 Tons	10 Tons	30 Tons	25 Tons
Stroke	2.13 in. 54mm	4.13 in. 105 mm	6.13 in. 156 mm	8 in. 203 mm	10.13 in. 257 mm	2.44 in. 62 mm	6.25 in. 158.8 mm
Retracted Height	4.75 in. 121 mm	6.75 in. 171 mm	9.75 in. 248 mm	11.75 in. 299 mm	13.75 in. 350 mm	4.63 in. 118 mm	10.75 in. 273 mm
Max Pressure	10,000 PSI	10,000 PSI	10,000 PSI	10,000 PSI	10,000 PSI	10,000 PSI	10,000 PSI
Weight	3 kg	4 kg	5 kg	5 kg	6 kg	7 kg	9.8 kg



- **ES-10316 STAK-ABLE HYDRAULIC RAM KIT**
  - Great for use in multiple applications in the tyre/wheel service market and many more.
  - Easy to switch out extensions for optimal extension length.
  - Ideal for low clearance applications.
  - Made of high-quality steel.

SPECIFICATIONS:	10316
Capacity	10 Tons
Retracted Height	3.5 in.   89 mm
Extended Height	5 in.   127 mm
Maximum Height	11.25 in.   285 mm
Stroke	1.3125 in.   33 mm
Saddle	0.375 in.   9 mm
Extension 1	1 in.   25 mm
Extension 2	2 in.   50 mm
Extension 3	3 in.   75 mm
Weight	4.5kg
Maximum Pressure	10,000 PSI

- **ONE RAM. MULTIPLE OPTIONS.**  
Applicable for any lifting or pushing application in the market, with a minimum height of 3.5 inches and maximum (with all extensions and saddle) of 11.25 inches.



*It is recommended to only use **80%** of the stroke of cylinders & rams to maximize the products performance, safety, and lifespan.*



HEAVY DUTY HYDRAULIC CYLINDERS



SAFETY LOCKING HYDRAULIC CYLINDERS



The **ESCO PRO-SERIES** LINE OF HEAVY DUTY CYLINDERS

are single acting spring loaded hydraulic cylinders designed to be compact and lightweight for easy positioning with attached handle. Unit includes shut-off valve which allows the pump to be disconnected while the ram is extended.

- Lightweight durable aluminium design.
- For use with 10,000 psi pumps.
- Ships completely assembled with valve, coupler.
- Perfect for off highway tyre work and the preferred jack for road service.
- **55-Ton units** come complete with base plate.

SPECIFICATIONS:	10312	10314	10317	10318
<b>Lifting Capacity</b>	55 Tons	55 Tons	75 Tons	100 Tons
<b>Stroke</b>	6 in.   152 mm	10 in.   254 mm	6 in.   152 mm	6 in.   152 mm
<b>Min. Height*</b>	12 in.   308 mm	16 in.   411 mm	12 in.   308 mm	11.75 in.   299 mm
<b>Max Height*</b>	18 in.   460 mm	26 in.   662 mm	18 in.   460 mm	17.75 in.   451 mm
<b>Base Plate</b>	8 x 8 in. 203 x 203 mm	8 x 8 in. 203 x 203 mm	N/A	N/A
<b>Weight</b>	33 lbs.   15 kg	41 lbs.   19 kg	40 lbs.   18 kg	65 lbs.   30 kg
<b>Warranty</b>	3-Year Warranty	3-Year Warranty	3-Year Warranty	3-Year Warranty

**SAFELY LIFT THE LOAD & SECURE THE LOAD WITH ONE RELIABLE & SAFE SOLUTION.**

With the **LOCKING COLLAR CYLINDER** easily go from lifting the load to securing it with the rotation of the locking collar. Once the collar is completely flush with the cylinder body, the cylinder is now **LOCKED** and no longer supported by hydraulic pressure.

SPECIFICATIONS:	10808	10809
<b>Lifting Capacity</b>	50 Tons	100 Tons
<b>Stroke</b>	6 in.   152 mm	6 in.   152 mm
<b>Min. Height</b>	12.5 in.   317 mm	13.37 in.   339 mm
<b>Max Height</b>	18.6 in.   472 mm	19.6 in.   497 mm
<b>Max Pressure</b>	10,000 PSI	10,000 PSI
<b>Weight</b>	26.4 lbs.   12 kg	66 lbs.   30 kg

- Designed with a safety lock nut to ensure a secure mechanical load.
- Lightweight and compact design - unit(s) are highly portable.
- Includes **High Flow Quick Connect Couplers** for easy connection.
- **Overflow Port** functions as a stroke limiter.
- Spring return design - faster descent of jack.
- Features carrying handle for easy positioning of cylinder.
- For use in multiple heavy lifting applications including OTR/mining vehicle lifting.



TOOLING SOLUTIONS | HYDRAULIC CYLINDERS & RAMS

TOOLING SOLUTIONS | HYDRAULIC CYLINDERS & RAMS



CRIBBING SYSTEM



DISCOVER THE **ESCO CRIBLOK CRIBBING SYSTEM** engineered from Ultra-High Molecular Weight Polyethylene, a material as strong and impact-resistant as **Kevlar**.

Designed to support loads up to 100 tons, this system offers unmatched durability and stability. Its compact, lightweight design simplifies handling and storage, while the high-visibility, secure interlocking system enhances safety.

Waterproof and resistant to chemicals, the **CRIBLOK cribbing system** outperforms wood and other composites, making it ideal for any job site with minimal setup for maximum efficiency.



ES-12520 CribLOK Block



ES-12521 CribLOK Bottom Stability Locking Plate



ES-12523 CribLOK Top Stability Locking Plate

**ES-12532 CribLOK Cribbing System MAX KIT**

24 X Blocks

1 X Top Plate

1 X Bottom Plate

**ES-12531 CribLOK Cribbing System MEDIUM KIT**

12 X Blocks

1 X Top Plate

1 X Bottom Plate



JACKING PLATES



**ESCO JACKING PLATES**

are utilised on uneven terrain to create a stable and level foundation, enhancing safety and preventing damage while lifting or stabilising heavy loads

Ideal for jacks, jack stands, outriggers, trailer tongues, RV pads & more.

- No more cracked, warped, bulky wooden blocks
- Lightweight, corrosion & rot-proof.
- Will not absorb moisture - ideal for outdoor use.
- Will not break under load, mushroom, or warp.
- Increases the surface area for better stability.

**LIFETIME GUARANTEE AGAINST BREAKAGE\***



MODEL:	CAPACITY	DIMENSIONS	WEIGHT
ES-10751	55 Ton	12 x 12 x 1 in.   305x305x25 mm	5 lbs.   2 kg
ES-10752	25 Ton	18 x 18 x 1 in.   457x457x25 mm	11 lbs.   5 kg
ES-10753	20 Ton	12 x 12 x 1 in.   305x305x25 mm	5 lbs.   2 kg
ES-10754	100 Ton	12 x 12 x 1 in.   305x305x25 mm	6 lbs.   2 kg
ES-10756	100 Ton	24 x 24 x 1 in.   610x610x50 mm	42 lbs.   14.5 kg



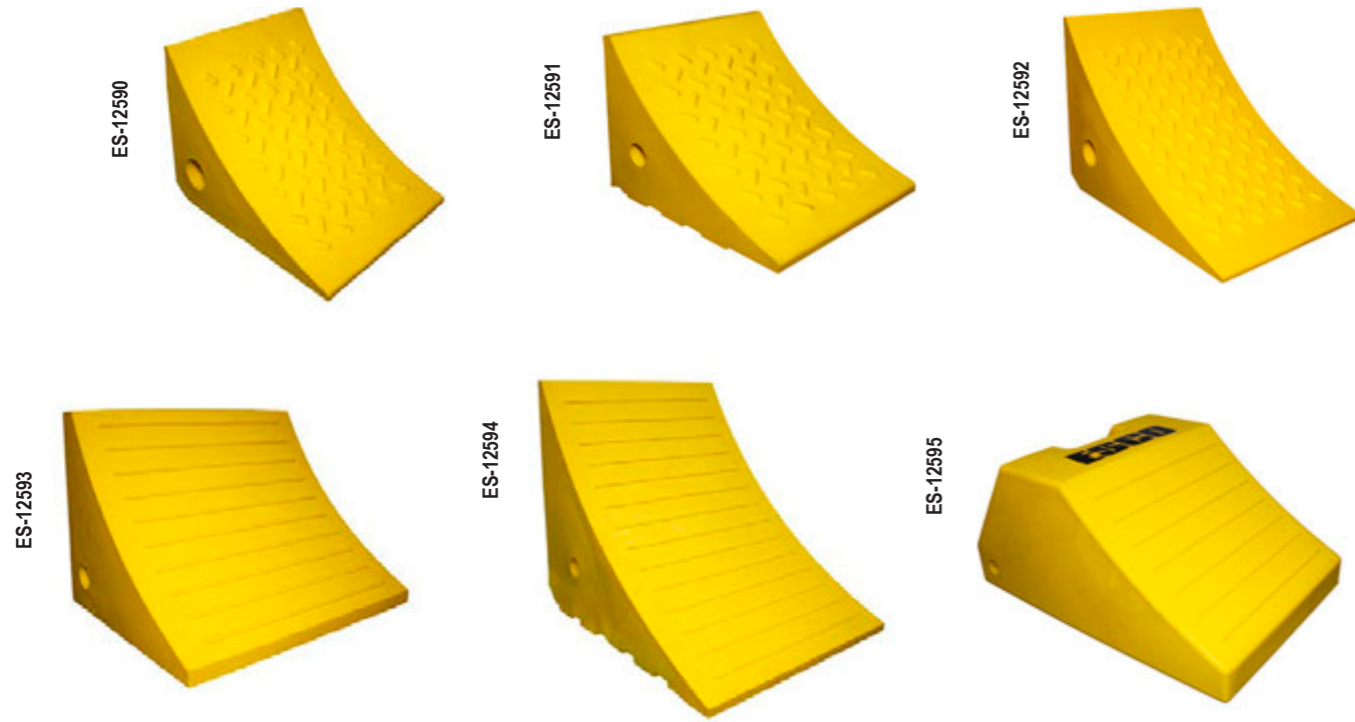
COMPLIES WITH OSHA REGULATION  
29 CFR 1926.305

## WHEEL CHOCKS



### WHEEL CHOCKS

Commercial grade high visibility lightweight design.



SPECIFICATIONS:	12590	12591	12592	12593	12594	12595	12597
<b>GVW Capacity</b>	5 Ton	10 Ton	20 Ton	60 Ton	120 Ton	250 Ton	20 Ton
<b>Tyre Sizes O.D (Outler Diameter)</b>	Up to 27in	Up to 35in	Up to 45in	46in - 65in	Up to 65in	Up to 142in	Up to 45in
<b>Length</b>	8 in. 203 mm	8.5 in. 216 mm	11 in. 279 mm	12.125 in. 308 mm	16.25 in. 413 mm	22 in. 559 mm	10 in. 254 mm
<b>Width</b>	7 in. 178 mm	7 in. 178 mm	8 in. 203 mm	15.25 in. 387 mm	14.5 in. 368 mm	14.75 in. 375 mm	8 in. 203 mm
<b>Height</b>	6 in. 152.5 mm	6.25 in. 159 mm	7 in. 178 mm	10.75 in. 273 mm	13.25 in. 337 mm	10.5 in. 267 mm	6 in. 152 mm
<b>Weight</b>	0.9 kg	1.3 kg	1.8 kg	7.25 kg	9 kg	6.75 kg	4 kg
<b>Material</b>	Poly	Poly	Poly	Poly	Poly	Poly	Rubber



## BEAD SEATER TANKS



ES-20387  
19 LITRES



ES-20388  
34 LITRES



ES-20389  
50 LITRES

- Fast and powerful push-button discharge system delivers 100% of the available air volume.
- Ergonomically designed to support full control of tank while seating tyre / wheel.
- High-Force** discharge barrel - designed for precise maximum air release for best seating of the bead the first time.



### CYCLOBURST BARREL



ES-20387-B

- Fits most bead seating tanks including Hurricane, Cyclone, and Cyclone X-Series.
- 10 air ports ensure even air distribution for tough bead seating.

SPECIFICATIONS:	20387	20388	20389
<b>Tank Size</b>	19 Litres	34 Litres	50 Litres
<b>Recommended Air Pressure</b>	40-145 PSI	40-145 PSI	40-145 PSI
<b>Maximum PSI</b>	145 PSI	145 PSI	145 PSI
<b>Dimensions</b>	30 in. x 11 in. x 12.5 in. 762 x 279 x 317mm	28 in. x 14 in. x 14.5 in. 711x355 x 368 mm	31 in. x 14 in. x 15 in. 787x355 x 381 mm
<b>Weight</b>	19 lbs   8 kg	23 lbs   10 kg	24 lbs   11 kg
<b>Warranty</b>	1-Year Warranty	1-Year Warranty	1-Year Warranty



AIR BAG JACKS



ESCO AIR BAG JACKS

Thin and steel reinforced inflatable lifting bags that can be positioned in tight or confined spaces with as little as 1in. of clearance.

Air bags may be used for lifting in several different industries such as material handling, railroad work, mining, rescue, military agricultural, and OTR tyre changing.

- Maximum force air bags.
- Thin reinforced, molded inflatable jacks.
- Can be positioned in tight or confined spaces with as little as one inch clearance.
- Made of heavy-duty reinforced steel consisting of five layers.
- ESCO air bags also come in kit form which includes air bag, relief valve, air hose and more.



MODEL	CAPACITY	DIMENSIONS	HEIGHT MAX	WEIGHT	JACK KIT
12105	13 Tons	381 x 381 x 25 mm	19 mm	4.5 kg	12105K
12107	22 Tons	508 x 508 x 25 mm	241 mm	8 kg	12107K
12109	32 Tons	534 x 635 x 25 mm	305 mm	11 kg	12109K
12112	50 Tons	737 x 737 x 25 mm	381 mm	20 kg	12112K
12113	70 Tons	864 x 864 x 25 mm	457 mm	23 kg	12113K

ESCO 2-TON AIR BLADDER JACKS

Available in 2-STAGE (MODEL ES-92040) and 3-STAGE (MODEL ES-92041) designs, each with a 2-ton lifting capacity for automotive, SUV, and light truck applications. With an extremely low starting height, they are ideal for body repair shops and low-profile lifting applications.



Unlike traditional floor jacks, these models are 100% air-operated, eliminating hydraulic components for minimal maintenance.

A dual safety valve prevents over-inflation and uncontrolled descent, ensuring safe and efficient operation.

ESCO 2.2 TON AIR BLADDER JACKS

- Pneumatically controlled jacks with a durable diaphragm and internal telescopic guide.
- Equipped with a limit stop device and a safety valve for reliability under excessive loads.
- Quiet, easy to use, and lightweight, making them suitable for tyre repair and bodywork shops.
- Can also be used on column lifts.
- Feature automatic lowering and a double valve system.



ES-92013

ES-92011



**AIR / MANUAL HYDRAULIC BOTTLE JACKS**

**ADJUSTABLE EXTENSION SADDLE**

*Heat Treated Adjustable Extension Screw* provides additional and precise height adjustments. Assists in not over extending cylinder to reach designated heights.



**MANUAL LIFTING FUNCTION**

Designed to be operated using air or manually with included two-piece lifting / lowering handle.

**HD WELDED CYLINDER BASE**

Fully welded cylinder & frame provide superior strength and extended service life. (Easy & controlled lowering with included handle)

SPECIFICATIONS:	10380	10381	10382	10383
Capacity	12 Ton	20 Ton	20 Ton	30 Ton
Minimum Height	9.75 in.   247.7 mm	10 in.   354mm	7.125 in.   181 mm	10.875 in.   276.2 mm
Maximum Height	18.5 in.   457.2 mm	20 in. 508 mm	12.625 in.   320.7 mm	20 in.   508 mm
Ram Travel	5.75 in.   317.5 mm	6 in.   152.4 mm	3.25 in.   82.6 mm	6 in.   152.4 mm
Screw Adj	3.25 in.   82.6 mm	4 in.   101.6 mm	2.5 in.   63.5 mm	3.75 in.   93.3 mm
Saddle Width	1.75 in.   44.5 mm	1.75 in.   44.5 mm	1.75 in.   44.5 mm	1.75 in.   44.5 mm
Base Thickness	1.25 in.   31.8 mm	1.25 in.   31.8 mm	1.25 in.   31.8 mm	1.75 in.   44.5 mm
Base Size L x W	8.25 x 5.375 in. 204.5 x 130.5 mm	8.875 x 5.75 in. 225.4 x 146 mm	8.25 x 5.75 in. 204.5 x 146 mm	9.625 x 7.125 in. 244.5 x 181 mm

**ES-90521 3 TON TROLLEY JACK**

Designed for both professional and DIY use. It features a double pump for lifting cars, medium trucks, and vans.

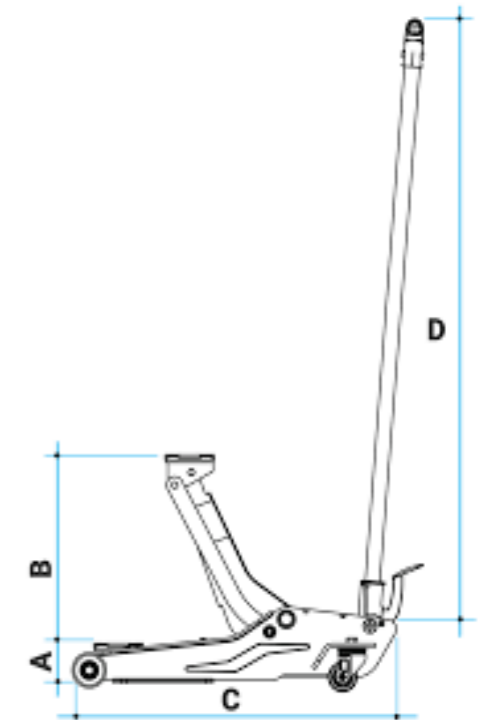
Its unique "Lift & Twist" control allows for precise lowering, while the foot pedal enables quicker vehicle raising. Additionally, it includes a built-in "Tools & Parts Tray" for convenience during repairs.



- Quick-lift pedal raises jack quickly without pumping handle.
- Double pump - lowers load safely with precision and control.
- Heavy duty nylon wheels - designed to withstand constant use and will not damage shop floors.
- Padded handle for protecting vehicle finish from damage while jack is in use.



SPECIFICATIONS:	90521
Capacity	3 Tons (16,000 lbs)
Min. Height (A)	3.75 in.   95mm
Max. Height (B)	19.69 in.   500mm
Jack Length (C)	28.35 in.   720mm
Handle Length (D)	47.25 in.   1200mm
Weight	90 lbs.   40.5kg





**ES-10390 22 TON AIR HYDRAULIC SERVICE JACK**

Uses a vacuum valve design for air-up and air-down operation, extending the jack's lifespan by preventing compressed air from entering the hydraulic cylinder.

- Strong more durable handle with air ascend/descend functions built into the handle.
- 3-spring design makes descending of the jack quicker and more controlled.
- Rubber coated handle for better handling and comfort.
- Easy to access extensions/saddle holder on handle. (extensions included)



ES-10390

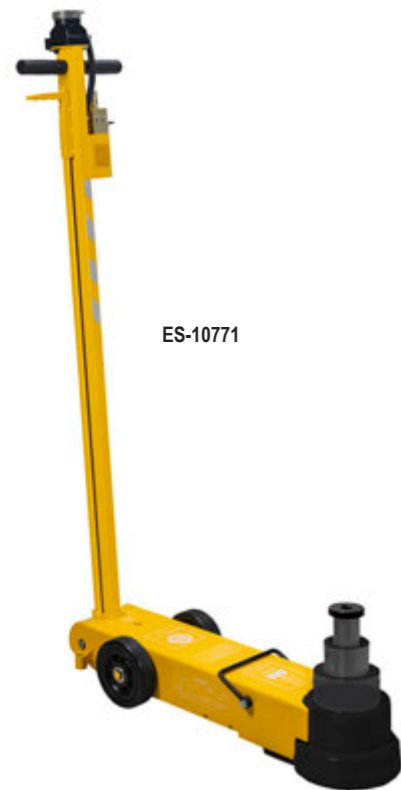


**ES-10437 MANUAL HYD FORKLIFT JACK 7.5T**

- Supports all models of forklifts, small to large industrial rugged steel construction
- Long handle design provides the leverage for fast, easy liting.
- Ultra minimum height allows the lift arm to easily slide under all forklifts.
- Designed to meet ANSI/CE standards.



ES-10437  
7.5T Capacity



ES-10771

**ES-10771 AIR HYDRAULIC JACK**

Designed for lifting buses, commercial trucks, tractors and farm equipment, and many other low clearance heavy-duty vehicles.

This professional grade jack will lift up to 50 tons and has a minimum height of 5.5in. Unit comes with 3 stackable extensions and extension holders for convenient usage and storage.

- 3 Stages 50T/30T/15T.
- Lifting capacity 50 tons (1st stage), 30 tons (2nd stage), 15 ton (3rd stage).
- Handle length 57.5in.



ES-10435  
4T Capacity

**ES-10435 MANUAL HYD FORKLIFT JACK 4T**

- Designed to be lightweight and compact, great for shops or service vans.
- Low starting lifting point ideal for lifting forklift and tractor.
- Meets ANSI/CE standards.
- Removable handle.



**FORKLIFT STYLE JACK STANDS**

**SOLD AS PAIR**



ES-10436



- Works on all models of forklifts.
- Rugged steel construction.
- Safety lock ring on adjustment pin.
- Sold as a Set.

SPECIFICATIONS:	10435	10436	10437
Capacity	4 Ton	13 Ton	7.5 Ton
Min. Height	2.25 in.   57mm	9.5 in.   241mm	2.25 in.   57 mm
Max. Height	16.5 in.   419 mm	16 in.   406 mm	16.5 in.   419mm
Weight	79 lbs.   36 kg	28 lbs.   13 kg	104 lbs.   47 kg

**AXLE POST STYLE JACK STANDS**



ES-10472  
5 ton capacity



ES-10497  
3 ton capacity

**ES-10472 5 TON AXLE TOP JACK STANDS**

ES-10472 are perfect for the home garage or shop. These professional grade jack stands provide maximum stability and great flexibility. Fully adjustable with 4 different height positions. Great for use on trailers, truck axles, forklifts, tractors, SUV's and much more.

- Sold as a pair for convenient use.
- Features 4 adjustable height positions for versatility.
- Equipped with a conventional axle saddle for secure support.
- Durable powder-coated finish for long-lasting protection.
- Large stabilizing feet ensure stable weight distribution.

**ES-10497 AXLE POST STYLE JACK STANDS**

Designed with incredible quality and durability. These jack stands secure support by grabbing the axle of the vehicle with the anodized axle top post. Each stand provides 10 adjustable height settings, providing a range of support height. Quickly and safely lock the position with the included locking pin.

- Adjustable height positions: 0.7in. & 1.4in. with 10 settings.
- Circular base pads for maximum stability.
- Conventional axle saddle for secure support.
- Durable powder-coated base prevents rusting.
- Tested to ASME standards by ALA Certified Testing Facility.



HEAVY DUTY JACK STANDS

■ **ES-10493 9 TON HIGH-LIFT JACK STAND**

Designed to provide extra heavy-duty support on raised vehicles. The High-Lift Jack Stand has a spring-assisted shaft and up to 11 total adjustable pin positions for precise height. Also included is an adjustable lifting pad to support the load.

- Foldable tripod stand.
- Three spring loaded wheels make it easy to move.
- Adjustable pin for precise height (11 positions).
- Adjustable lifting pad for precise height.
- Spring-assisted main shaft for safe and easy positioning.



ES-10493

■ The **ESCO HEAVY DUTY 20 TON SCREW STYLE JACK STANDS**

Allows technicians to control the exact support height with extreme precision. This professional screw-style jack stand has infinite height possibilities with its built-in easy to turn screw adjustment handle. Screw-style feature allows technician to set exact desired height from 16.5 to 26 inches.

- Quality built professional screw style jack stand.
- Screw style stand makes it easy to hold load at desired location and secure with locking collar.
- Adjustable screw for height extension and retraction.



ES-10802

ES-10803



ES-92019

ES-92020

ES-92021

- Pin type support column for easy adjustments.
- Adjustment pin is secured to stand to prevent loss.
- Handle provides ease of positioning and carrying.
- Professional grade jack stand manufactured in Italy.

■ The **ESCO 25 TON PIN STYLE JACK STANDS**

Ideal for heavy-duty applications, offering 6 adjustable height positions. They include a safety link chain to prevent pin loss and feature a large surface area with a thick stability plate for exceptional stability and safety. Designed to withstand daily use in commercial shops or out in the field, these jack stands are perfect for industrial use.

- Reinforced high stand with controlled pin holes.
- Easy to use pin adjustable height.



ES-10805

ES-10804

SPECIFICATIONS:	92019	92020	92021
<b>Lifting Capacity</b>	22 Ton   20 Ton	22 Ton   20 Ton	22 Ton   20 Ton
<b>Min. Height</b>	12.25 in.   310mm	17.50 in.   445 mm	27.36 in.   695 mm
<b>Max. Height</b>	18.9 in.   480mm	28.75 in.   730 mm	47.25 in.   1200mm
<b>Height Positions</b>	79 lbs.   36 kg	28 lbs.   13 kg	104 lbs.   47 kg
<b>Width</b>	13.75 in.   350 mm	17.32 in.   440 mm	26.75 in.   680 mm
<b>Weight</b>	29.8 lbs.   13.5 kg	41 lbs.   18.5 kg	66 lbs.   30 kg

SPECIFICATIONS:	10802	10803	10804	10805
<b>Capacity</b>	20 Ton   40,000 lbs.	20 Ton   40,000 lbs.	25 Ton   50,000 lbs.	25 Ton   50,000 lbs.
<b>Min. Height</b>	16.5 in.   420mm	26 in.   660mm	27 in.   686mm	15.75 in.   36 mm
<b>Max. Height</b>	26.5 in.   673mm	46 in.   168mm	41 in.   1041.4 mm	26.75 in.   679.5 mm
<b>Height Positions</b>	Micro-Adjustable	Micro-Adjustable	6	6
<b>Base Width</b>	13 x 13 in.	13 x 13 in.	13 x 13 in.	13 x 13 in.
<b>Weight</b>	64 lbs.   28 kg	82 lbs.   37 kg	79 lbs.   36 kg	56lbs.   25.4 kg

IMPACT WRENCHES



TV-CP7748-2



TV-KI8571-2



TV-KI22-6



TV-CP7763

PART NO.	DESCRIPTION	DRIVE	MAX TORQUE
TV-CP7748-2	1/2" Chicago Pneumatic, 2" Anvil Max Torque	1/2"	960ft/lbs
TV-KI8571-2	1/2" Kuani, 2" Anvil Max Torque	1/2"	700ft/lbs
TV-KI22-6	3/4" Kuani, 6" Anvil Max Torque	3/4"	800ft/lbs
TV-CP7763	3/4" Chicago Pneumatic Max Torque	3/4"	1,200ft/lbs



IMPACT WRENCHES



TV-CP7763-6



TV-KI1635-6



TV-CP7782-6



TV-CP7783

PART NO.	DESCRIPTION	DRIVE	MAX TORQUE
TV-CP7763-6	3/4" Chicago Pneumatic, 6" Anvil Max Torque	3/4"	1,200ft/lbs
TV-KI1635-6	3/4" Kuani, 6" Anvil Max Torque	3/4"	1,600ft/lbs
TV-CP7783	1" Chicago Pneumatic Max Torque	1"	1,770ft/lbs
TV-CP7782-6	1" Chicago Pneumatic, 6" Anvil Max Torque	1"	1,920ft/lbs



ES-10007

**QUALITY MADE AND PRECISE MEASURING  
BREAK-BACK STYLE TORQUE WRENCH**

- Large break angle improves accuracy by reducing the possibility of over-torquing.
- Cam control mechanism provides a controlled break, preventing operator imbalance.
- Extremely high accuracy with consistent torque values of +/- 4%.
- Easily set an infinite range of torque values, designed for complete range of wheel types and sizes, including single and dual wheels.

SPECIFICATIONS:	10007	10010
Square Drive	3/4 in.	1 in.
Range (Ft. Lbs.)	200-750	200-750
Range (N.M)	300-1000	300-1000
Ratchet Diameter	2 3/4 in.	2 3/4 in.
Length	57 in.   1448 mm	57 in.   1448 mm
Weight	12 kg	12 kg



ES-50172  
Hub/Stud Wheel Cleaner

**STUDKLEEN**

- REMOVES RUST, CORROSION AND OTHER DEBRIS THAT BUILDS UP ON THE TYRE RIM, WHEEL STUD, HUB, ROTORS, AND BRAKE DRUM WITH EASE.
- FAST AND EASY TO USE - Lightweight cleaning pads are exceptionally tough and will remove rust and other corrosion with ease - Will Not damage studs or other steel components.
- NO REPLACEMENT PARTS - Designed with the longest lasting abrasive pad on the market.
- HUNDREDS OF INTERNAL STAINLESS STEEL TINES - Clean off debris that has built up on studs, removing rust and increasing accuracy of torquing when putting wheels) back onto vehicle.
- ABRASIVE SYNTHETIC CLEANING PADS - Rugged and heavy duty construction longer lasting than other competitive brands.
- WORKS OFF 1/2" DRIVE IMPACT GUN - Air or Electric



ES-50176  
Replacement Inserts (4PK)

*designed to be used with a  
1/2 INCH AIR RATCHET  
OR IMPACT GUN set to 12,000 RPMS.*

**BREAK - BACK STYLE  
TORQUE WRENCH EXTENSIONS**



**POPULAR KIT**

MODEL 10021

WEIGHT: 13kg



**INCLUDES  
3/4  
&  
1 INCH  
DRIVES**





ROLLER LENGTH(S)



ES-70134 HD ADJUSTABLE WHEEL DOLLY

Designed to assist service technicians as they move through the tyre/wheel service process. Its lightweight, portable, and adjustable design makes it an ideal tyre dolly for any service shop.

- Easy removal and installation of truck tyre/wheel assemblies, eliminating heavy lifting for technicians.
- Ideal for everyday tyre maneuvering, preventing damage to expensive tyres and wheels.
- Essential for service centers and trucks, enabling single-person operation.

SPECIFICATIONS:	70134
Capacity	150 kg
Net Weight	12.7 kg
Works on Tyre Sizes	23.5 in. - 43.5 in.
Width	27.5 in.   699 mm

ROLLER LENGTH(S)



ES-70132 SUPER SINGLE WHEEL DOLLY

Designed to lift and move around heavy duty tyre and wheel assemblies with ease. The use of this product will save service technicians from having to lift heavy truck tyre/wheels.

- Heavy duty wheel dolly designed specifically for super single and flotation tyres.
- 14in. wide rollers accommodate even the largest super single wheels.

SPECIFICATIONS:	70132
Capacity	204 kg
Tyre Sizes	19.5 - 24.6 in.   495 - 622 mm
Width	30 in.   762 mm
Weight	12 kg

ROLLER LENGTH(S)



ES-70130 TRUCK TYRE WHEEL DOLLY

- Rotates tyre/wheel on tiltable roller pads for perfect stud alignment, ideal for 8-10 hole Budd type wheels.
- Facilitates fast and easy removal of tyre / rim assemblies, increasing productivity and saving time and money.
- Heavy-duty tubular construction with HD caster wheels for effortless wheel removal or replacement.

SPECIFICATIONS:	70130
Weight Capacity	127 kg
Wheel Size	3 in.   76 mm
Designed to be used on	19.5 in - 24.5 in.
Weight	8 kg

ES-90538 AGRICULTURAL & EARTHMOVER WHEEL DOLLY

Designed for lifting and lowering heavy-duty wheels / tyres from 49in to 94.5in, handling up to 3,500 lbs.

The foot pedal and pump handle operate the lift, while rollers mechanically lift the tyre. The unit features a double-acting hydraulic system for safe, controlled lifting and lowering.

- Double-acting hydraulic system ensures controlled, hands-free lifting and lowering.
- Tilttable roller pads rotate tyres for easy alignment of bolt holes to studs.



SPECIFICATIONS:	90538
Weight Capacity	1600 kg
Tyre Handling Range	49-94.5 in.   1250-2400 mm
Caster Wheel(s) Size [4-total]	6 in.   152 mm
Weight	161 kg



ES-20462C  
8 ounce bag

ES-20463C  
10 ounce bag

■ The **ESCO BALANCING BEADS**

Disperse into the tyre and internally balance the tyre for the life of the tyre using centrifugal force. Beads will not clump or block valve stem like other internal balancing mediums. Beads will maintain same size and quantity inside of tyre for life of tyre.

- High temperature-resistant ceramic beads self-adjust for internal tyre balance, ensuring consistent performance throughout the tyre's life.
- Even dispersion across the wheel delivers uniform balance and enhanced ride quality.
- Safe for tyre linings and TPMS sensors, ensuring long-lasting protection.



- INCREASE LIFE OF TYRE
- BETTER FUEL MILEAGE
- REDUCE WHEEL VIBRATION
- REDUCE MAINTENANCE COSTS
- ECO-FRIENDLY AND REUSABLE

■ The **ESCO LIQUID TYRE BALANCE**

An eco-friendly alternative to balancing truck tyres for the life of the tyre. Instantly improve fuel mileage and extend the life of tyres with this lead-free environmentally safe tyre and wheel balancing liquid.

- Contains contact and vapor rust inhibitors.
- Designed to help maintain air pressure & will not block valve system.
- Adjusts to changing driving conditions to maintain peak performance.
- Extends tyre life, makes mounting and demounting easier, and prevents rust.



ES-20471



DESIGNED FOR 22.5 TO 24.5 IN WHEELS

■ **ES-90518-100-1 TRUCK DEMOUNTING TOOL**

Quickly removes tubeless truck tyres without damage. Smooth polymer rollers protect rims, while its efficient design eliminates excessive lifting and reduces strain. Demount tyres in seconds with this must-have tool for tyre service professionals.

For removing 22.5-24.5 inch tubeless truck tyres



DESIGNED FOR SUPER-SINGLE STYLE WHEELS

■ **ES-90518-200-1 TRUCK DEMOUNTING TOOL**

Perfect for demounting truck tyres within seconds. Allows technician to easily remove both the top and bottom bead from the short side of the tyre, without having to flip the wheel. The perfect solution for truck tyre service shops or mobile service.

For super-single tyre / wheels



TO BE USED ON 17.5 - 24.5 IN WHEELS

■ **ES-90518-200M TRUCK DEMOUNTING TOOL**

Designed with roller to aid in removal while mounting the tyre. Mount all tubeless tyres 17.5 through 24.5 in. Mounts tyre in 20 seconds.

Classic design tyre spoon with guide "wheel"

TYRE CHANGING TOOLS



part no.	code	length
TV-5TL620	-	620MM

**TV-5TL620**  
Removing / fitting tyres on cars & trucks, 620mm



**TV-5TL600HD**  
Stronger lever removes and fits tyres for commercial, ag and construction, 600mm

part no.	code	length
TV-5TL600HD	-	600MM



part no.	code	length
TV-5MTL1	HALTE	930MM

**TV-5MTL1**  
Halte Bar. Removes tubeless truck tyres, 930mm



**TV-5TLR19**  
Used on trucks and agricultural vehicles, 930mm

part no.	code	length
TV-5TLR19	-	930MM



part no.	code	length
TV-1289	FORCE	750MM

**TV-1289**  
Force Bar. Fits & removes tubeless truck tyres, 750mm



**TV-7CL900**  
Cleat Bar, used for removing rims from hubs on large earthmoving vehicles, 900mm

part no.	code	length
TV-7CL900	-	900MM



part no.	code	length
TV-5MTL2	FACE	930MM

**TV-5MTL2**  
Face Bar.  
Fits tubeless truck tyres, 930mm



**TV-5TLWL22**  
Mounting lever with extended length for heavy duty and agricultural vehicles, 1030mm

part no.	code	length
TV-5TLWL22	-	1030MM



**ES-90100 HEAVY DUTY TYRE LIFTING SLING**

Safe and efficient tool for lifting, rotating and positioning heavy duty OTR tyres up to 39 inches.



- Fast and easy handling of tyres in horizontal or vertical positions.
- Endless chain and locking device allows locking the tyre in any desired position.
- Compatible with tyre sizes up to 39 in | 99 cm.
- Supports up to 3,000 kgs. per chain at 60 degrees.
- Provides secure and controlled tyre positioning.

**ES-90200 2-WAY PUSHING BAR**

Works from the end of the truck boom and is used to depress or push back the bead seat band and flange ring for fast and easy removal of locking ring on OTR/Earthmover 5 piece rims.

- Standard unit fits 25 through 51 inch rims.
- Fits all boom truck cranes.
- Meets OSHA requirement and acts as a tyre inflation cage when left in position during the inflation of Earthmover tyres.



**ES-90350 OTR FLANGE RING CLAMP**

For use with a crane to lift heavy side flanges on earthmover and OTR 3 and 5-piece wheels with ease and precision. Wheel components like the rim flange can be heavy and difficult to manoeuvre while disassembling and assembling a multi-piece wheel.

- Reduces heavy manual lifting.
- Works on all wheels 24 thru 64 inches in diameter.
- No more packing bead area with tyre paste.
- 2 clamps can be used 180° apart with a chain between them to pull the rim flange out against the bead seat band to affect a seal on the o-ring.
- No hooks needed.



**ES-90300 FLANGE RING PULLER**

- Designed to lift the rim base from the tyre, remove the bead seat band from the tyre, or aid in the seating of the bead seat band during inflation.
- Features 4-point chain hook assembly 2500 kgs. capacity per chain.
- Easily attaches to the boom.
- 10,000kgs. capacity.





**ES-40807 OTR LARGE O-RING INSTALLER**

Designed and built to manually install and remove O-Rings on OTR Tyres 25" - 36".



- Used on 25 to 36 inch OTR Tyres.
- Designed and built to manually install and remove O-Rings.
- Unit is also used to separate the inside and outside beads.
- Assists in the removal and installation of the lock ring.

**ES-70162 O-RING INSTALLATION TOOL**

Simplifies the installation and removal of o-rings and lock rings on multi-piece wheel assemblies. Designed to push the tyre and ring assembly into place with minimal effort, it is fully adjustable and ideal for 3-piece and 5-piece wheels.

Compatible with all makes of loader, grader, highway, forestry, and earthmover wheels.



29.5 IN. WHEELS AND BELOW designed to be used on 3-piece & 5-piece wheels



- Easy one man operation - lightweight and easy to use.
- Pushes & holds rim flange/tyre back for easy o-ring/lock ring installation.
- Works on all 3 piece & 5 piece rim/wheels up to 29.5 in. diameter.
- Eliminates danger of pushing equipment off jack with crane.



TV-WN-DIA

**TV-WN Standard Wheel Nut Indicator**

Standard wheel nut indicators are commonly used on wheels with steel rims. These easy-to-install ring-style indicators are highly visible, indicate overheating, and are a simple way to detect loose wheel nuts. Demonstrate safety vigilance to the community and relevant local authorities with our range of wheel nut indicators.

Available Sizes: 17mm to 48mm



TV-DC-DIA

**TV-DC Dust Cap Wheel Nut Indicator (Long Reach)**

Wheel nut indicators with a dust cap providing additional corrosion protection for bolts and nuts. Designed in a long reach for wheels with trims or step rings. Made from impact-resistant polyethylene our dust cap indicators provide an easy way to detect loose wheel nuts and overheating issues.

Available Sizes: 17mm to 48mm



TV-WR-DIA

**TV-WR Wheel Nut Retainer**

Our double link retainer is made up of 2 linked rings that fit to adjacent wheel nuts and hold the nuts in place. They provide a dual-purpose loose wheel nut indicator as well as a retainer feature. If a wheel nut does become loose the link joining the 2 rings will distort to identify the pair of nuts that need tightening.

Available Sizes: 32mm, 33mm and 41mm



**TV-70028**  
25PC Metric Combo Spanner Set 6-32mm

**TV-CLP3SETN**  
3PC Locking Plier Set



**TV-65750**  
14PC Industrial Screwdriver Set (Flat, Phillips)



**TV-301923**  
Rubber Hose Pipe Cutter



**TV-T834511**  
9PC Hex Key Set, Metric

**TV-SJCH3W**  
3LB Club Hammer



**TV-P4204**  
2PC Pliers Combo



**TV-7HBRFRH14**  
14LB Brass Sledge Hammer



IMPACT SOCKETS



**TV-BLH5R**  
Wire Hand Brush.  
For removal of rust and scale.

**TV-115771**  
Tyre Knife, 110mm.  
Skiving knife, essential for  
tyre repairs.



**TV-AT7033D**  
1/4" Pneumatic Die Grinder.



**TV-SP2257**  
125mm Pneumatic Angle  
Grinder.



**TV-605222801**  
1/2" Impact Socket, Deep,  
Set Metric/Imperial 28PC



**TV-607202801**  
1/2" Impact Socket Set, Std,  
Metric/Imperial 28PC



**TV-605421801**  
3/4" Impact Socket, Deep,  
Set Metric 18PC



IMPACT SOCKETS



■ **TV-TV-72610**  
1" Impact Socket Set, Std, Imperial 9PC

■ **TV-72612**  
1" Impact Socket Set, Std, Metric 9PC

■ **TV-72611**  
1" Impact Socket Set, Deep, Imperial 9PC

■ **TV-72613**  
1" Impact Socket Set, Deep, Metric 9PC



■ **TV-64551300**  
1" Impact Extension Bar, 300mm.

*Other sizes available.*



RIM-LOCK SYSTEM



*Eliminating the risk of entering the "Crush Zone"*

Installing and removing a wheel assembly that can weigh as much as 9T is a complex and dangerous exercise.

The current process still relies heavily on soft controls to protect our teams from potentially fatal crush injuries:

- Exclusion / No Go Zones
- Signage and positive communications
- Demarcation



**Rim-Lock®** retainers have been created to instantly and securely lock a tyre and rim assembly in place without the need for any manual interaction from personnel. By removing the human element from a crush zone, the risk of fatality can be eliminated.

The **Rim-UnLock®** system has been created to remotely release, or unlock, a tyre and rim assembly. This eliminates the current requirement for team members to place themselves in a crush zone when removing the final wheel nuts.

*Available for underground loaders, graders, wheel loaders and dump trucks (incl. CAT 777, 785, 789 and 793).*

*For more information call 0487 203 783*

# Chemical Solutions



• Tyre Sealant & Corrosion Inhibitor .....	96
• Tyre Mounting Lubricants .....	97
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WHEEL PRO

TYRE GEL



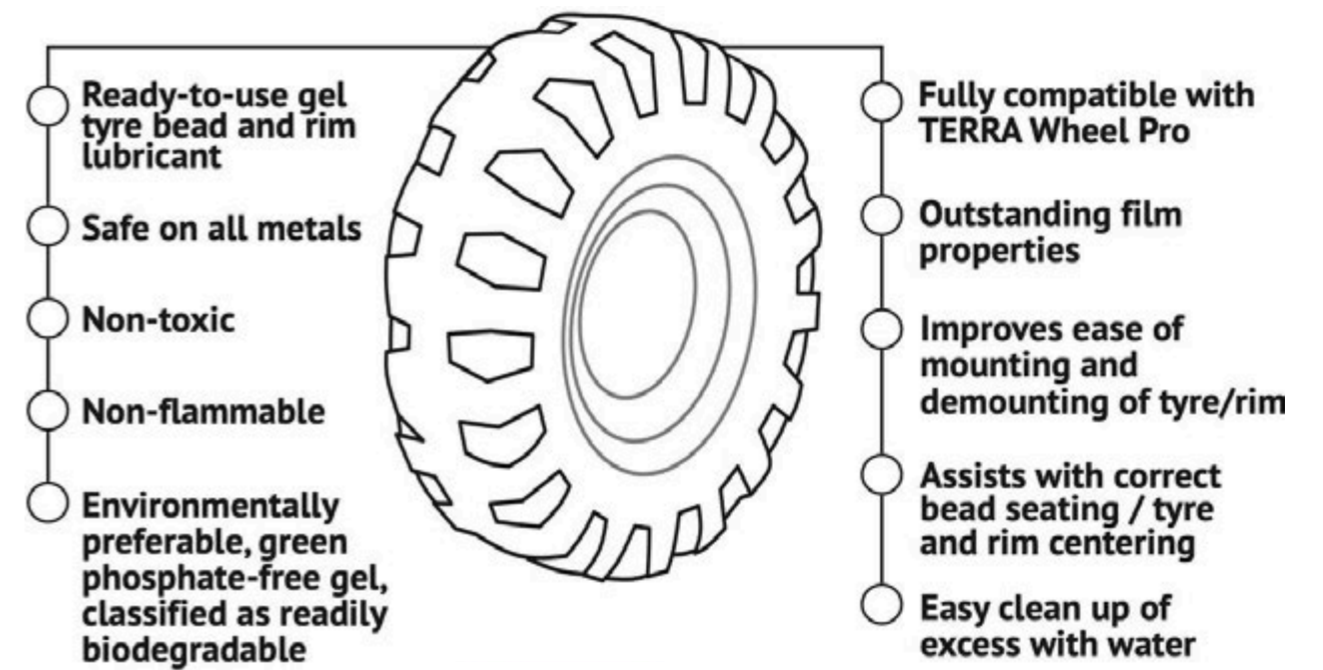
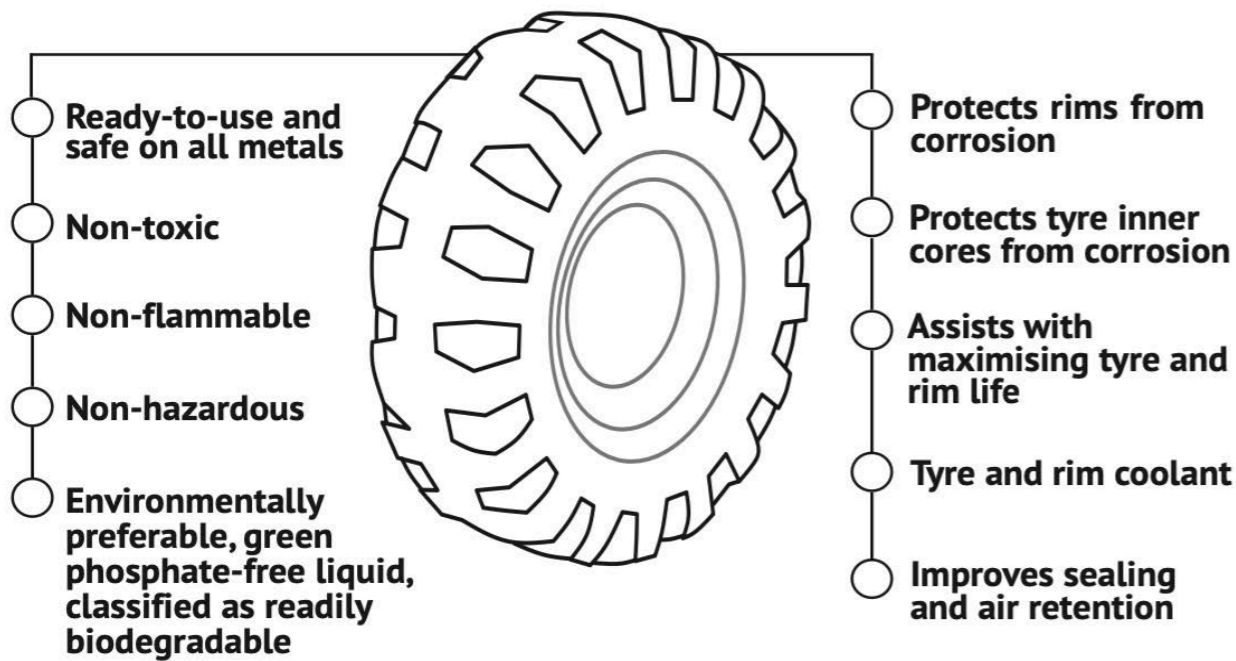
**TV-WHEELPRO**  
1000L Tyre Sealant & Corrosion Inhibitor



**TV-TYREGEL**  
20kg Tyre Mounting Lubricant

CHEMICAL SOLUTIONS | TYRE SEALANT

TYRE LUBRICANT



CHEMICAL SOLUTIONS | TYRE LUBRICANT



**TV-MURPHYS**  
11.5kg Tyre & Tube Mounting Compound

Designed to assist in mounting tyres on all types of wheels. Fortified with rust inhibitors to provide protection against corrosion.



**TV-EMCREME**  
5kg EM Tyre Mounting Crème

Designed for large earthmover tyres. Cream type viscosity allows quick application to large areas, Good mounting/demounting properties.



**TV-TBRPASTE**  
5kg Truck Tyre Mounting Paste

Truck mounting lube designed for long sliding distances and high friction applications between tyres and wheels.



■ complete with hoses, injector gun, and valve

■ The **ESCO CALCIUM CHLORIDE LIQUID TRANSFER PUMP**

(MODEL ES-10543) is designed to transfer up to 50 gallons per minute transferring fluid from one container to another quickly and easily.

Works with multiple fluid applications including calcium chloride, water, methanol, oil, anti-freeze, coolants, tyre liquids and more.

The design and functionality of the **MODEL ES-10543** is specifically designed for transferring calcium chloride or other mediums into tyre / wheel assemblies to aid in creating ballast with the tyre / wheel.



- Heavy-duty, lightweight construction, ideal for commercial use.
- Portable and mountable liquid transfer pump for calcium chloride and other mediums in large tyre/ wheel assemblies, supporting ballast.
- Transfers up to 50 gallons per minute with a 1:1 pump ratio and 1-inch hose intake.
- Easy-to-use quick connection “Cam-Lock” couplers on hose ends for secure transport, storage, and cleaning, extending the life of hoses and pump.
- Features 1-inch NPT fluid inlet and outlet ports.

- 4 WAY VALVE WITH HANDLE
- SUCTION STRAINER
- AIR REGULATOR
- LIQUID EJECTOR GUN
- FLEXIBLE HOSE
- LOCKING “CAM-LOCKS”

# Engineered Solutions



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Facilitates safe, efficient & effective storage of tyres for inspection & maintenance

Designed to assist tyre fitters in the pre-fitment of components and/or tyres prior to bringing equipment out of production for tyre maintenance events.

This provides a significant benefit to production in minimising downtime.



Designed, Engineered & Manufactured in Australia

- Engineer Certified.
- Easily moved around with a forklift.



**WARNING**

- Ensure lock rings are fully seated in gutter prior to inflation.
- Stand clear of the tyre while inflating.



- SWL 20,000 kgs
- Holds 45"-63" Tyres
- 2 x Mounted Transport Hooks
- 2 x 1000Ltr Inhibitor Pod Mounts
- Inhibitor/Evacuation Pump
- Digital Inhibitor Bowser
- 2 x Entry/Exit gates
- Fall-back Arrester for Components
- 2000 Ltr Evacuation Waste Tub
- Hi-Vis Reflective Safety Stickers
- Engineered and Certified
- 2 x Lube Bucket Holders
- Forklift Pockets
- Transportation Twist Locks

**STEP ONE**  
Deflate the tyre. Plumbed to allow maximum flow rate and deflation time. Mufflers have been fitted to reduce noise exposure.

**STEP TWO**  
Remove the lock ring.

**STEP THREE**  
Remove tyre from Pre-Seating Stand with rim components installed.

**STEP FOUR**  
Store tyres vertically until required.

By providing an elevated storage position off the ground, these rigid structures **minimise the risk of component corrosion**.

The design of the stands allows a back-to-back or side-by-side configuration to maximise site space efficiency.

Rated to 3,000kgs, these stands are designed to suit 49", 51", 57" and 63" rim components.

- Engineer Certified.
- Heavy Duty Construction.

Designed,  
Engineered  
&  
Manufactured  
in Australia



■ TV-RCS02  
Pyramid Rim Component  
Stand



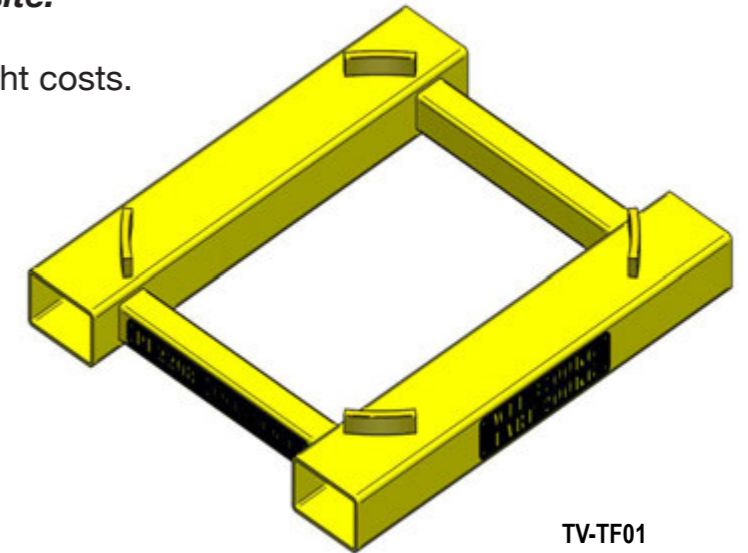
■ TV-RCS01  
Lever Rim Component  
Stand

TRANSPORT FRAME

Designed to safely transport large OTR wheels and components to and from site.

Double stackable to reduce freight costs.

- Suits 49" to 63" sizes
- SWL 5,000kgs



TV-TF01



LOCK RING RACK

A storage solution that improves manual handling safety by **reducing the risk of pinch hazards**.

A fully loaded Lock Ring Rack can be easily moved around with a forklift.



TV-LRR01

- Suits 49" to 63" sizes
- Heavy Duty Construction

ENGINEERED SOLUTIONS | RIM COMPONENT STANDS

LOCK RING RACK | ENGINEERED SOLUTIONS

**Mandatory for any shop working with tubeless and multi-piece rims.**

Made from heavy-gauge steel tubing welded to a steel base.

Guards against blown lock rings and rims.

Designed to meet OSHA regulation requirements for medium, heavy-duty truck, OTR, tractor, and super-singles.

Certified and burst tested.

**100% MADE IN THE USA.**



■ ES-90411



■ ES-90415



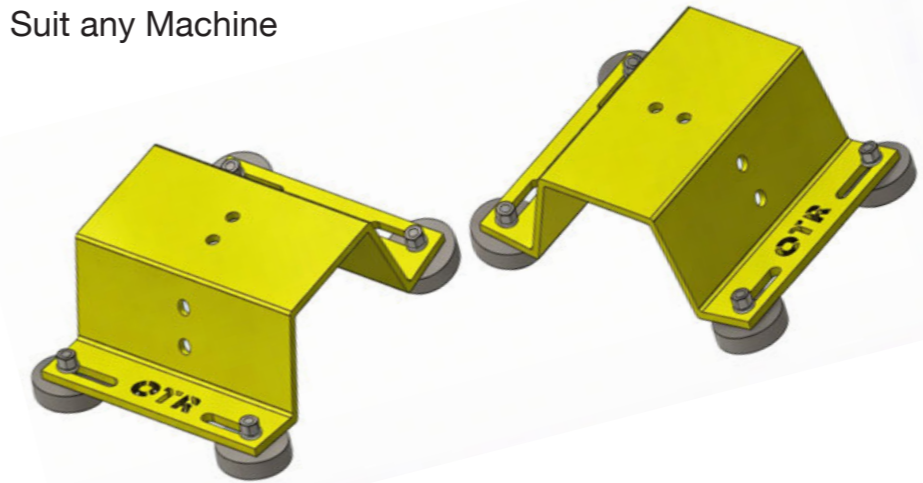
**FOLLOWS OSHA REGULATION**  
29-CFR PART 1910.177

SPECIFICATIONS:	90410	90411	90415 OTR
# Of Bars	4	5	7
Dimensions	31.5 x 20.5 x 43.5 in.	41 x 20.5 x 43.5 in.	56 x 28 x 46 in.
Base Size	31.5 x 26 in.	41 x 26 in.	34 x 56 in.
Gross Weight	147 lbs.   67 kg	183 lbs.   83 kg	486 lbs.   220 kg

MAGNETIC VALVE PROTECTOR

**This innovative solution provides superior protection against impact, corrosion and debris, ensuring longer valve life and reduced downtime.**

- Heavy Duty Steel Construction
- Multiple Sizes to Suit any Machine



STUD PUSHER

**Removing and replacing wheel studs on a dump truck can be a hazardous task.**

Simple and portable solution, the hydraulic Stud Pusher tool safely removes and replaces wheel studs.

De-risking the process by eliminating extremely strenuous activity.



■ TV-SP01

ENGINEERED SOLUTIONS | TYRE INFLATION CAGES

MAGNETIC VALVE PROTECTOR | ENGINEERED SOLUTIONS



NOTES

NOTES

Handwriting practice area on page 108, consisting of 20 sets of horizontal lines. Each set includes a solid top line, a dashed midline, and a solid bottom line.


Handwriting practice area on page 109, consisting of 20 sets of horizontal lines. Each set includes a solid top line, a dashed midline, and a solid bottom line.



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