

TIGER TOOL



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THE TIGER TOOL STORY

Technicians have what it takes to get the job done. So should their tools.

The year was 1984.

Mike Skoworodko, the owner of a fleet of highway trucks who was also responsible for their maintenance, was frustrated. He'd tried everything he could, including jacks, hammers and a cutting torch, to remove a seized universal joint from one of his vehicles but without success.

The problem was a driveline that could not be disassembled without causing damage to other components on the truck.

Mike was losing time and money. Leaning over the truck's frame rails in complete frustration, he knew there had to be a better way.

There was.

After a few hours of creative thought and careful planning, Mike began working on a concept in his basement. Several prototypes were created and tested with different, sometimes disappointing, results but through sheer determination and perseverance, he came up with and then patented the world's most efficient and effective Universal Joint Puller. He affectionately named it the "Mark-I", after his grandson.

Mike had what it takes to be an exceptional technician: foresight, ingenuity and the drive to do things better. He believed then as we do now that, when it really counts, the right tool can make all the difference.

Thirty years later, Tiger Tool is here to make sure technicians around the world have what it takes to get the job done and to get it done right.

Classification Legend

AUTOMOTIVE
Class 1, 2, 3



INTERMEDIATE
Class 4, 5, 6



HEAVY DUTY
Class 7 & 8



MINING
Ultra Class



Universal Joints

The world's greatest and original Universal Joint Puller.

U-JOINT PULLER

10104

Fits virtually all class 4-6 trucks, buses and farm vehicles. Removes sealed u-joint cups in minutes.

Designed for u-joints with bearing cups 1.25" to 1.7" OD.

Shipping Weight 7 lbs



BEARING CUP INSTALLER

10217

Install Dana/Spicer SPL bearing cups into the 140, 170, and 250 "Life Series" u-joints. Predetermined "installed heights" engineered into design.

For use on quick-disconnect u-joints only.

Shipping Weight 14 lbs



The bearing cup installers are designed for accurate installation.

U-JOINT PULLER

10102

Fits virtually all class 7 and 8 trucks and machinery. Engineered for use with up to a 1" impact wrench to disassemble even the most seized drivelines.

Designed for u-joints with bearing cups 1.5" to 2.2" OD.

Shipping Weight 12 lbs



U-JOINT PULLER

10105

Fits most automotive cars, trucks, and small farm equipment. Can be used on aluminum driveshafts.

Designed for u-joints with bearing cups 1.0" to 1.25" OD.

Shipping Weight 4 lbs



BEARING CUP INSTALLER

10201

Install bolt-retained bearing cups on virtually all class 7 and 8 trucks and machinery. Reduces the risk of damage to needle bearings.

Shipping Weight 2 lbs



BEARING CUP INSTALLER

10202

Install bearing cups on virtually all medium and light-duty u-joints on 1210-1550 series drivelines. Both bearing cups are pressed simultaneously, freeing the technician's hands.

Shipping Weight 5 lbs



SNAP RING PLIERS

70300 70301

Uniquely designed jaw easily removes and replaces Hotchkiss style snap rings on even the most corroded u-joints.

Can also be used to remove plastic (push-pin) retainers on many makes and models of vehicles.

The 75 degree head on the 70301 is designed to provide a secondary option to access those hard-to-reach areas.

Shipping Weight 1 lb

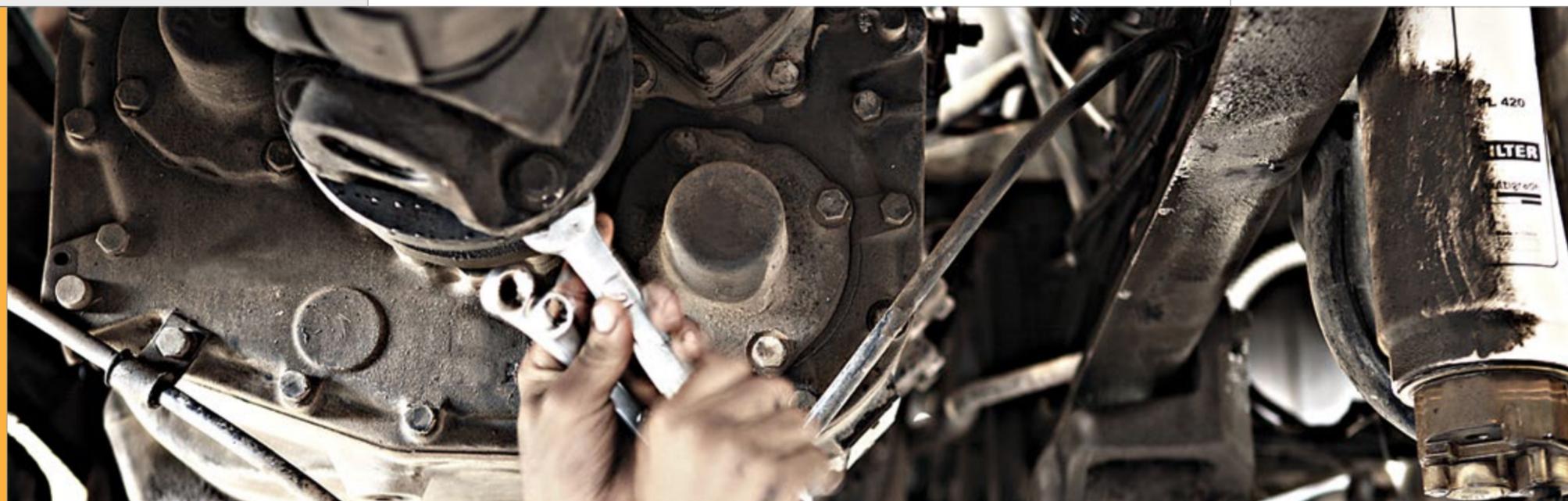


70300



70301

Eliminates dangerous jacking, hammering and torching methods.



Yokes

Heat treated and CNC machined from billet chrome-moly steel.

YOKE PULLER

10850

Removes yokes on passenger cars to light trucks with full and half round yokes.

Shipping Weight 3 lbs



Axles

Remove king pins, axles and struts in minutes.

STRUT COMPRESSOR

90102

Safely and efficiently removes and installs the spring-over steering stabilizer found on most self-steering axles.

Patent Pending

Shipping Weight 9 lbs



YOKE PULLER

10803

Removes virtually all yokes with a bearing cup diameter of 1 7/8" and 2 3/16". Engineered for use with a 1" impact wrench to generate over 25,000 lbs of pulling power. Designed for full and half round yokes.

Shipping Weight 18 lbs



YOKE PULLER

10851

Removes Flange Style yokes on passenger cars to light trucks.

Shipping Weight 2 lbs



KING PIN PRESS

90150

Designed for use on straight and tapered king pins from 7/8" to 2 5/32". Generates over 46,000 lbs of force and weighs only 30 lbs. User friendly design requires just one person to operate.

Patent Pending

Shipping Weight 42 lbs



AXLE SHAFT PULLER

11001

Works on all medium to heavy-duty Eaton and Rockwell drive axles. Eliminates risk of damage to axle studs. Fully adjustable pulling arms and easily installed stud adapters.

Shipping Weight 18 lbs



Simplifies the removal of yokes on driveshafts, transmissions and rear-end differentials.



“ Tiger Tool’s King Pin Press is awesome. It presses out stuck king pins like they’re nothing.

Richard Williamson
CRS Automotive & Diesel
Brandywine, Maryland

Axle Shaft Puller includes the two most common 5/8" - 18 adapters. **Optional adapters below.**

Part #	Description
11010	Two 1/2" - 20 Adapters
11015	Two 5/8" - 18 Adapters
11020	Two 3/4" - 16 Adapters
11025	Two 1/2" - 13 Adapters
11030	Two 5/8" - 11 Adapters
11035	Two 5/8" - 18 Adapters

Pins & Bushings

The simplest, most innovative way to remove and install pins and bushings.

CORE KIT

15000

Removes and installs both rubber-isolated and threaded pins and bushings without removing the spring packs from the axle. The hydraulic cylinder creates 20 tons of pulling power for quiet, smooth operation. Service time can be reduced by up to 70% on most jobs.

Requires 10,000 PSI Hydraulic Power Source—See page 15.

U.S. Patent No. 8627557

Shipping Weight 40 lbs



5TH WHEEL BRACKET PIN PULLER

10705

For use on Jost 5th Wheel Bracket Pins. Remove even the most seized bracket pins with 40,000 lbs of pulling power. Manufactured from top grade materials for maximum strength and durability.

Requires 10,000 PSI Hydraulic Power Source—See page 15.

Shipping Weight 36 lbs



Core kit only.
This kit requires one or more of the adapter kits listed to the right.



ADAPTER EXAMPLES

15004
Kenworth Pin and Bushing #5296, #5295



15006
Kenworth Pin and Bushing #B65-1001



15030
Freightliner Airliner and Peterbilt Low Air Leaf Pin and Bushing Adapter



“Overall a great machine. Saves a lot of time and a lot of money!”

Mike Stojcevski
Abby Spring Service
Abbotsford, British Columbia

Adapter Kits for the 15000

Select an add-on kit that corresponds with the OEM bushing number.

Front Suspension

Part #	Application
15004	Kenworth Pin & Bushing #5296, #5295
15005	Kenworth Pin & Bushing #B13-1002, B65-1008, B65-6008, B13-1000
15006	Kenworth Pin & Bushing #B65-1001
15007	Kenworth and Peterbilt Pin & Bushing #B65-6005
15008	Kenworth Pin & Bushing B65-1012
15009	Kenworth Pin & Bushing #B65-1006
15010	Peterbilt #02-01805 and International #1065H, 1680034C1, 44409C1
15011	Kenworth and Peterbilt Pin & Bushing #B65-1013
15015	Mack Pin & Bushing #10QK254M2
15031	Freightliner and Sterling Pin & Bushing #16-14603-000
15032	Freightliner Bushing #680-322-01-50

Rear Suspension

Part#	Application
15012	Peterbilt Air Trac Pin & Bushing
15030	Freightliner Airliner and Peterbilt Low Air Leaf Pin & Bushing

Trailer Suspension

Part#	Application
15040	Hendrickson Tri-Functional Wide (Intraax) Bushing
15041	Hendrickson Tri-Functional Narrow (Vantraax) Bushing
15050	Meritor Tri-Functional Bushing

Universal & 5th Wheel Adapter

Part#	Application
15003	Universal Through-Hole Bushing
15060	5th Wheel Bracket Pin Puller

SOCKET

15100

15101

15102

15104

Remove and install even the most stubborn threaded leaf spring and shackle pins on International, Peterbilt, and Kenworth suspensions.

15100 – 1.540" x .653"

15101 – 1.098" x .647"

15102 – 1.125" x .750"

15104 – 1.460" x 1.260"

Shipping Weight 1 lb



SOCKET

15103

Remove and install even the most stubborn threaded leaf spring and shackle pins on Volvo and Mack suspensions.

Shipping Weight 1 lb



Wheel Studs

Engineered to exceed the industry's demanding needs.

Eliminate the risk of damage to hubs, seals, wheel bearings and studs.

REMOVER & INSTALLER

50101

Safely removes and installs wheel studs on many of the largest haul trucks in the industry with final drive hubs. Features 25 tons of hydraulic force to provide fast and effective removal of even the most seized studs.

Note: requires service crane or similar apparatus.

Requires 10,000 PSI Hydraulic Power Source—See page 15.

Patent Pending

Shipping Weight 95 lbs



INSTALLER

10612

Installs wheel studs without yielding the threads on most non-final drive hubs. Features 20 tons of pulling power.

Requires 10,000 PSI Hydraulic Power Source—See page 15.

Shipping Weight 27 lbs



REMOVER & INSTALLER

10608

Designed for use on inboard hubs on trucks and buses. Includes a 10 ton hydraulic cylinder to provide effective removal of even the most seized studs in 10 to 15 minutes. Removal of the hub is not required.

Requires 10,000 PSI Hydraulic Power Source—See page 15.

Shipping Weight 42 lbs



REMOVER & INSTALLER

10611

Manual version of 10608.

Shipping Weight 38 lbs



REMOVER & INSTALLER

10603

Designed to remove and install 10 studs in 20 to 30 minutes on inboard hubs.

Also services even the most severely seized brake anchor pins and bushings on 1 1/2" s-cam trailer and tractor "Q" brake systems.

Requires 10,000 PSI Hydraulic Power Source—See page 15.

U.S. Patent #'s 5,839,180, 6,505,390 & 6,618,920

Shipping Weight 46 lbs



INSTALLER

10601

Stud installer only.

Requires 10,000 PSI Hydraulic Power Source—See page 15.

U.S. Patent #5,839,180

Shipping Weight 25 lbs



Steering

Engineered using high quality alloy. Tough. Rugged. Dependable.

PITMAN ARM PULLER

10385 

Designed to remove pitman arms on Sheppard M100 gearboxes. Can be used with up to a 3/4" impact wrench. Max glove opening is 4.1".

Shipping Weight 5 lbs



PITMAN ARM PULLER

10389 

Designed to remove pitman arms on Sheppard M110 gearboxes. May be used with up to a 3/4" impact wrench.

Shipping Weight 13 lbs



TIE ROD END REMOVERS

10310  

These popular Tie Rod End Removers provide a safe and effective means to "shock" tie rod ends loose without the risk of damage to threaded areas, rubber seals, and grease nipples. **Also available separately.**

- 10301 - 7/8" - 14
- 10302 - 3/4" - 16
- 10304 - 20mm x 1.5

Shipping Weight 3 lbs

PITMAN ARM PULLER

10386  

Designed for use on 2-ton trucks and larger. The high strength pulling arms fit various widths of pitman arms for easy installation and removal.

Shipping Weight 3 lbs



PITMAN ARM PULLER

10388 

Designed for use on vehicles with a nut release pitman arm. Max glove opening is 3.5".

Shipping Weight 5 lbs



Brakes

Increase productivity with less equipment down-time.

SLACK ADJUSTER PULLER

10406 

Fits most makes and models of manual type slack adjusters.

Shipping Weight 5 lbs



SLACK ADJUSTER PULLER

10410 

Fits virtually all Haldex self-adjusting slack adjusters including left offset, right offset and standard elongated arm designs from either side.

Shipping Weight 9 lbs



SLACK ADJUSTER PULLER

10407 

Fits virtually all Rockwell self-adjusting automatic slack adjusters.

Shipping Weight 7 lbs



SLACK ADJUSTER PULLER

10409 

Fits virtually all Gunit, Brunner and Bendix self-adjusting slack adjusters.

Shipping Weight 8 lbs



CLEVIS PIN PRESS

10501 

Works on all makes and models of truck and trailer slack adjuster brake clevises. The forcing screw instantly shears the cotter pin as the clevis pin is removed.

Shipping Weight 4 lbs



SLACK ADJUSTER ROD PIN PRESS

10502 

Stays in position over the adjuster rod clevis pin with a spring loaded plunger. The cotter pin is instantly sheared off as the 3/16" clevis pin is easily removed.

Shipping Weight 1 lbs



Hubs

User-friendly design that requires little to no assembly.

PULLER

10901

Designed to remove the most stubborn Fruehauf hubs with up to 25,000 lbs of force.

Shipping Weight 10 lbs



Hydraulic Pumps

Innovative.
Professional.
Reliable.

“The tools from Tiger Tool are well designed and the staff is always there to help me decide what works best for my needs.”

Gaylen Greer
Pinckneyville, Illinois

SPINDLE NUT SOCKET

18010

Provides a safe way to remove the 8 point spindle nut. Machined from heat treated alloy steel to prevent the socket from slipping or spinning under extreme loads. 3 1/4" socket with 3/4" drive.

Please call for additional sizes.

Shipping Weight 4 lbs



PULLER

10902

Designed to remove the most stubborn Rockwell hubs with up to 25,000 lbs of force.

Shipping Weight 10 lbs



PUMP

70126

Xvari® technology enables the user to better control the hydraulic application, improving productivity. Ergonomic design reduces operator fatigue. Closed hydraulic system prevents contamination and allows pump usage in any position.

Shipping Weight 24 lbs



PUMP

70127

Reinforced heavy-duty reservoir for applications in tough environments. Quiet operation at only 76 decibels with low air consumption of 12 SCFM. High efficiency cast aluminum air motor for increased life and reduced air consumption.

Shipping Weight 20 lbs



Black Oxide finish for increased wear and corrosion resistance.



Combination Kits

Save even more time and money with our all-in-ones.

Stay organized with a high density, foam-filled case included with all Combination Kits.

U-JOINT SERVICE KIT

20150

Kit Includes:

- 10102 Universal Joint Puller
- 10201 Bearing Cup Installer
- 10217 Bearing Cup Installer - SPL 140/170/250

Shipping Weight 33 lbs



TECHNICIAN KIT

20401

Kit Includes:

- 10102 Universal Joint Puller
- 10201 Bearing Cup Installer
- 10301 3/8" - 14 Tie Rod End Remover
- 10409 Gunite, Brunner, and Bendix Automatic Slack Adjuster Puller
- 10410 Haldex Automatic Slack Adjuster Puller

Shipping Weight 35 lbs



U-JOINT SERVICE KIT

20101

Kit Includes:

- 10102 Universal Joint Puller
- 10104 Universal Joint Puller
- 10105 Universal Joint Puller
- 10201 Bearing Cup Installer

Shipping Weight 30 lbs



TECHNICIAN KIT

20201

Kit Includes:

- 10102 Universal Joint Puller
- 10201 Bearing Cup Installer
- 10301 Tie Rod End Remover
- 10406 Manual Slack Adjuster Puller
- 10407 Rockwell Automatic Slack Adjuster Puller

Shipping Weight 32 lbs



TECHNICIAN KIT

20476

Kit Includes:

- 10104 Universal Joint Puller
- 10105 Universal Joint Puller
- 10202 Bearing Cup Installer
- 10850 Yoke Puller
- 14001 Torsion Bar Unloader
- 70300 Snap Ring Pliers

Shipping Weight 29 lbs



U-JOINT SERVICE KIT

20503

Kit Includes:

- 10105 Universal Joint Puller
- 10202 Bearing Cup Installer
- 70300 Snap Ring Pliers

Shipping Weight 12 lbs



SLACK ADJUSTER SERVICE KIT

20602

Kit Includes:

- 10406 Manual Slack Adjuster Puller
- 10407 Rockwell Automatic Slack Adjuster Puller
- 10409 Gunite/Brunner/Bendix Automatic Slack Adjuster Puller
- 10410 Haldex Automatic Slack Adjuster Puller
- 10501 Brake Clevis Pin Press
- 10502 Slack Adjuster Rod Pin Press

Shipping Weight 36 lbs



TECHNICIAN KIT

20301

Kit Includes:

- 10102 Universal Joint Puller
- 10201 Bearing Cup Installer
- 10301 3/8" - 14 Tie Rod End Remover
- 10406 Manual Slack Adjuster Puller
- 10501 Brake Clevis Pin Press

Shipping Weight 29 lbs



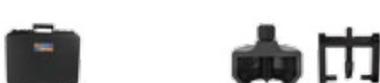
PITMAN ARM SERVICE KIT

20387

Kit Includes:

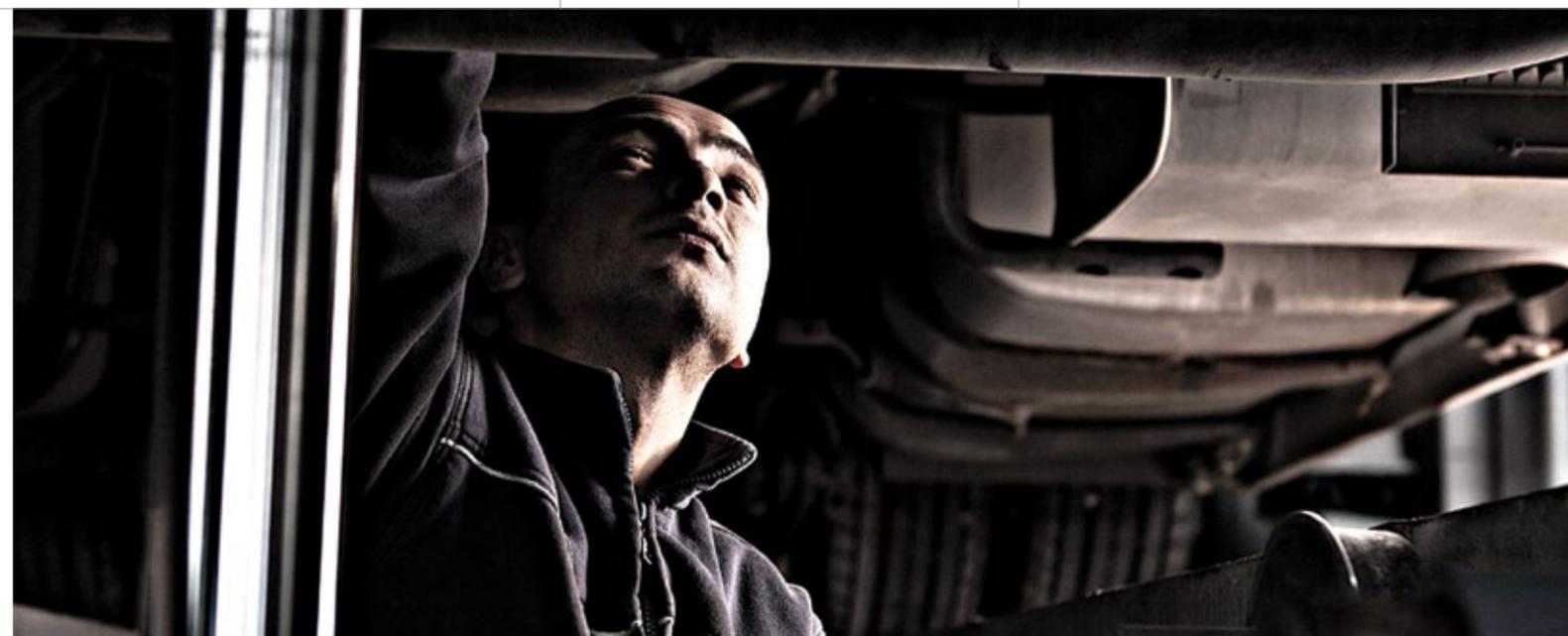
- 10385 - Shepphard M100 Pitman Arm Puller
- 10386 - Heavy Duty Pitman Arm Spreader

Shipping Weight 11 lbs



“ Problem solving is a big part of my business. Tiger Tool helps me provide that service to my customers.

Clark Heintz
Clark Heintz Tools & Equipment
Bow, New Hampshire



Tracks

Quality you can count on.

“
If there’s a way to break a tool, I’ll find it. I’ve never broken a Tiger Tool. They are far superior to what is advertised.”

Richard Williamson
CRS Automotive & Diesel
Brandywine, Maryland

Promotional

Display your Tiger Tool products with pride.

ALUMINUM STAMPED SIGN

80040

Perfect for advertising as a Tiger Tool Authorized Dealer, hanging in your shop or “man cave”.

Size: 15 7/8" x 23 3/4" (L x W)



ROLLER SERVICE ARM

50201

Safely and easily moves undercarriage rollers into position.

Note: Requires service crane or similar apparatus.

Shipping Weight 24 lbs



TOOL DISPLAY STAND

80030

The perfect way to display a variety of Tiger Tool products. This robust design is capable of displaying over 1,000 lbs of inventory.

This five-shelf stand comes with powder-coated finish, embossed aluminum sign and four locking casters.

Size: 25 3/4" x 35 3/4" x 82" (L x W x H)



PRODUCT GUIDE

80060

A complete guide to everything we have to offer.



BROCHURE

80070

Our most popular heavy duty tools listed in a single brochure.



**TIGER
TOOL**

Have What It Takes

USA

115 First Street, PMB-T75520
Sumas, Washington 98295

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Abbotsford, BC V2S 7P1

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