



### PRODUCT CATALOG

**BEAD BREAKERS CHEETAH® BEAD SEATERS JACKS & FRAME LIFTS NITROGEN SYSTEMS OIL FILTER CRUSHERS** RECYCLING EQUIPMENT **SERVICE SHOP & STORAGE EQUIPMENT TIRE CARTS & WHEEL DOLLIES TIRE CHANGERS TIRE CUTTERS TIRE GROOVERS** TIRE INSPECTORS **TIRE SIPERS TIRE TRUERS** WHEEL CLEANERS WHEEL CRUSHERS

WWW.TSISSG.COM 1-800-223-4540

# TABLE OF CONTENTS



INTRODUCTION

PAGE 3-4

**BEAD BREAKERS** 

PAGE 5-9

**CHEETAH® BEAD SEATERS** 

**PAGE** 10-11

**JACKS & FRAME LIFTS** 

**PAGE** 12-13

**NITROGEN SYSTEMS** 

PAGE 14

**OIL FILTER CRUSHERS** 

**PAGE** 15-17

**RECYCLING EQUIPMENT** 

PAGE 18-26

SERVICE SHOP & STORAGE EQUIPMENT

**PAGE** 27-30

**TIRE CARTS & WHEEL DOLLIES** 

**PAGE** 31-33

**TIRE CHANGERS** 

**PAGE** 34-38

**TIRE CUTTERS** 

**PAGE** 39-40

**TIRE GROOVERS** 

**PAGE** 41-43

**TIRE INSPECTORS** 

**PAGE** 44-47

**TIRE SIPERS** 

PAGE 48-52

**TIRE TRUERS** 

**PAGE** 53-55

WHEEL CLEANERS

PAGE 56-57

WHEEL CRUSHERS

PAGE 58

MISSION STATEMENT, WARRANTY & RETURNS

















TIRE SERVICE EQUIPMENT MFG. CO. INC.

SAF-TEE SIPING & GROOVING INC.





### MANUFACTURING IN THE USA FOR OVER 25 YEARS

In 1981, while living in Montana, Wes Sprunk purchased the tire siping machine business from Tom Sherry of Missoula, Montana. That was the start of SAF-TEE Siping & Grooving. Wes spent the next 8 years promoting and expanding his siping and grooving product line.

In 1990 Wes met Ray Schmidt, who already had several decades of experience in designing equipment in the industry, and together they formed his second company, Tire Service Equipment Mfg. Co., Inc. in Monticello, Minnesota. They purchased a 12,000 sq ft. facility that same year and began manufacturing tire cutters and wheel crushers. TSI and SSG continued to expand their product lines over the years through acquisitions and newly designed products. Today, the Minnesota plant has expanded to over 45,000 sq. ft.

In 1990 Wes opened a Corporate Sales and Administration office in Phoenix, AZ. Today, TSI/SSG manufactures over 45 products that are mostly sold through distributors around the globe.

# BEAD BREAKERS

See the VIDEO of these products at www.tsissg.com

### **CH-24 BEAD BREAKER**



### HH-419 BEAD BREAKER



### **PRODUCT FEATURES**

No other bead breaker can match the ease. performance and versatility of the CH-24 Bead Breaker. All tires and wheels from problem ATV tires to large truck tires can be handled quickly without damage to the tire or wheel. The CH-24 Bead Breaker shoe follows the wheel contour and eliminates the need for ratchets or impact wrenches. The dual pivot action and the slip fit, quick adjusting collar of the CH-24 Bead Breaker allows the operator to find the optimum pivot point for maximum leverage.

**SPECIFICATIONS:** 

12" wide x 33.5" length x 15" height 32 lbs shipping weight

### PRODUCT FEATURES

The HH-419 Bead Breaker allows for easy tire bead breaking in the field or shop. The HH-419 is designed for use on all alloys, steel, painted or polished wheels and will not damage or scratch wheels when used properly. Completely adjustable the HH-419 Bead Breaker will work on all wheels with diameters of 4" to 19.5" including both safety and split type wheels. Excellent for use on 4x4's, trucks, cars, ATV's, garden equipment and trailers. These units are built to withstand continuous use in difficult conditions and are unaffected by sand, mud, moisture or freezing temperatures. For wheels with diameters of 20" to 28" the HH-419-E extension is required and sold separately.

**SPECIFICATIONS:** 1.75" wide x 23" length x 5.5" height 7 lbs shipping weight

# BEAD BREAKERS

See the VIDEO of these products at www.tsissg.com

### TC-600 BEAD LOOSENER



### PRODUCT FEATURES

- The **TC-600 Bead Loosener** handles all tires with diameter 15" to 24" and widths up to 24" wide.
- Vertical cylinder controls location of bead shoe and adjusts to fit any diameter of rim.
- Tire assembly rotates easily on heavy duty bearing rollers.
- Cage constructed of heavy gauge square tubing for maximum strength.
- Tire rotates on ball bearing rollers for easier inspection operations.
- Independent control valve levers for each cylinder. This allows control of either cylinder independent of the opposite cylinder.

### **TC-610 BEAD BREAKER**



#### **SPECIFICATIONS:**

22" wide x 55" length x 70" height 831 lbs shipping weight

### **PRODUCT FEATURES**

- The **TC-610 Bead Breaker** is a bead breaker hand tool for breaking the bead on ATV and rear farm tires.
- The TC-610 can be used with either a ratchet or impact wrench on both stiff and soft sidewall tires, eliminating the need for hammering.
- Made from heat-treated chrome-moly steel
- The unique design pulls the bead from the rim, rather than the conventional push action which reduces stress on the tool for longer life.

#### **SPECIFICATIONS:**

11.25" wide x 2.75" length x 10.75" height 15 lbs shipping weight

# CHEETAH® BEAD SEATERS See the VIDEO of these products at www.tsissg.com

### **BS-07** CHEETAH® BEAD SEATER



### **PRODUCT FEATURES**

The BS-07 Cheetah® Bead Seater makes seating the most difficult bead not only safe but simple, fast and economical. The BS-07 Cheetah® Bead Seater is equipped with our patented discharge system as well as an ASME certified steel tank. The BS-07 has an "End of Tank" discharge design, flared discharge barrel and a 2" discharge valve for maximum bead seating power. The BS-07 has a 5 gallon tank capacity.

**SPECIFICATIONS:** 12" wide x 33.5" length x 15" height 32 lbs shipping weight

### CH-2 CHEETAH® BEAD SEATER



### PRODUCT FEATURES

The CH-2 Cheetah® Bead Seater is the newest addition to the Cheetah®line of bead seaters. The CH-2 makes seating the most difficult tire bead not only safe but simple, fast and now more economical. The CH-2 works exactly the same as the popular CH-5 Cheetah® Bead Seater, but is smaller in size and capacity. A simple charge of the tank is all it takes to seat the most difficult tire beads. The CH-2 is designed specifically for those smaller tire applications; ATV, golf carts, go-cart, and lawn and garden. The CH-2 Cheetah® Bead Seater has a 2 gallon ASME certified steel

> SPECIFICATIONS: wide x 17" length x 8" height lbs shipping weight

# CHEETAH® BEAD SEATERS See the VIDEO of these products at www.tsissg.com

### **CH-5** CHEETAH® BEAD SEATER

### **CH-10 CHEETAH® BEAD SEATER**





The CH-5 Steel Tank Cheetah® Bead Seater and the CH-5AL Aluminum Tank Cheetah® Bead Seater makes seating the most difficult bead not only safe, but simple, fast and economical. As the most popular tire bead seater models, the CH-5 and CH-5AL have ASME certified tanks designed for commercial use on all tires from small 4" tires to 24.5" truck tires.

For larger tire applications the CH-10 Steel Cheetah® Bead Seater and the CH-10AL Aluminum Tank Cheetah® Bead Seater are available. The CH-10 and CH-10AL are equipped with an ASME certified tank that features a larger discharge capacity. A 2" tank opening allows use of the optional Magnum II barrel giving added "spread" of the discharge. This extends the power of the CH-10 and CH-10AL for seating even the most difficult beads on larger diameter wheels. The CH-10 and CH-10AL are designed for all tires including larger truck tires and small off highway tires.

### CHEETAH® BEAD SEATERS

See the VIDEO of these products at www.tsissg.com

### **CH-ACC ACCESSORIES KIT**



### 1 & 2) CHEETAH® MAGNUM I & MAGNUM II BARRELS

The Magnum Barrels are designed to increase the impact power of the CH-5 using the Magnum I and the CH-10 using the Magnum II by three times over the standard barrel. Easy to install, the specific design of the Magnum Barrels provide optimum air dispersion.

#### 3) CHEETAH® STANDARD TIRE STAND

The design of Cheetah® Standard Tire Stand positions a rim off the ground to enable the bottom bead of a tire nearer the rim flange when seating a bead. The Tire Stand legs are lined with rubber strips to protect wheels from damage.

#### 4) CHEETAH® HEAVY DUTY TRUCK & TRACTOR TIRE STAND

More robust than the Cheetah® Standard Tire Stand its function is the same but larger and made for heavy duty applications. Each step is lined with rubber strips to protect wheels from damage.

#### 5) CHEETAH® TIRE WEDGE

The Cheetah® Tire Wedge is designed to help properly place the lower sidewall of the tire in an optimal seating position. The Tire Wedge is highly effective and highly recommended when seating soft sidewall tires and soft sidewall off highway tires.

### 6) CHEETAH® TIRE HOSE ASSEMBLY

Developed specifically with the user in mind, our flexible hose assembly puts a manual control valve in your hand right by the tire valve stem when bead seating. Used in conjunction with the Cheetah® Bead Seater it further assists in reaching those difficult to reach valve stems



#### 7) TI-87 CHEETAH® STORAGE RACK

The TI-87 Cheetah® Storage Rack is designed to be installed on a rack or wall to store your CH-5 or CH-10 Cheetah® Bead Seater and accessories. The TI-87 will hold your Cheetah® Bead Seater, Air Hose Assembly, Universal Stand, Magnum I, Magnum II or Straight Barrel up off the floor in one convenient location. Protect your Cheetah® Bead Seater and accessories while keeping your shop clean, organized and safe.

				`
SPECIFICATIONS	HEIGHT	LENGTH	WIDTH	WEIGHT
CH-5 CH-5AL	11" 11"	27" 27"	18" 18"	28 lbs. 18 lbs.
CH-10	14"	22"	20"	42 lbs.
CH-10AL	14"	22"	20"	28 lbs.
TI-87	7.75"	24"	11.25"	11 lbs.

# CHEETAH® BEAD SEATERS See the VIDEO of these products at www.tsissg.com

### CHEETAH® MAGNUM



### **CH-3** CHEETAH® SAFETY CAGE INFLATOR SYSTEM



### **PRODUCT FEATURES**

The CH-13AL Cheetah® Magnum Bead Seater is the most effective way to seat the tire bead on wheel sizes 24" to 54". Used properly the CH-13AL will seat the bead on virtually all tractor and heavy equipment tires. The CH-13AL works on both vertical and horizontal applications and can be used in the field where the tires remain mounted to the equipment. Made with an ASME certified aluminum tank, the CH-13AL is almost a 50% weight savings when compared to a traditional steel tank.

#### SPECIFICATIONS:

12" wide x 33.5" length x 15" height 32 lbs shipping weight

### PRODUCT FEATURES

- The CH-3 Cheetah® Safety Cage Inflator System simply bolts to a tire safety cage using the fully adjustable brackets.
- Included with the CH-3 is the nozzle, adjustable bracket and mounting hardware, 6' x 11/2" inflation hose, and inner tube for preventing excess tire movement within the cage.
- The CH-3 does not include the safety cage or discharge tank. Discharge tanks are available as options in various sizes.

**SPECIFICATIONS:** 12" wide x 20" length x 8" height 23 lbs shipping weight

# HEETAH® BEAD SEATERS See the VIDEO of these products at www.tsissg.com

### **CH-60 CHEETAH® BEAD SEATER**







### PRODUCT FEATURES

- The CH-60 Cheetah® Bead Seater is designed to seat the bead on large tubeless tractor and off highway tires.
- The CH-60 Cheetah® Bead Seater seats the bead on large tires in either vertical or horizontal position.
- The dual discharge barrels can be easily adjusted to fit 24" to 54" wheel diameters.
- The adjustable discharge barrels are designed to fit over the wheel weights on rear farm tractor tires.
- Farm tires can be seated while the wheel and tire assembly are mounted to the tractor.
- The CH-60 Cheetah® Bead Seater includes a 60 gallon storage tank, adjustable dual discharge barrels, wheel stand, whip hose, and two 8' discharge hoses.

SPECIFICATIONS: 36" wide x 21" length x 54" height 300 lbs shipping weight

# JACKS & LIFTS See the VIDEO of these products at www.tsissg.com



44" of reach 7 ton lifting capacity



60" of reach 7 ton lifting capacity





easily on two large center wheels for quick positioning. With 40" between air cylinder and lift pads you can reach beyond pointed grills and splash-guards, lifting by the frame - the safest way! The S-50 raises a vehicle to a 32" working height safely. The smooth air system operates with a scissor-action at a fast steady rate. A simple trigger of the dual action air valve raises and lowers up to 6,000 lbs with ease. The air hose extension permits the operator to utilize the lift at a safe distance. An added safety precaution on the S-50 includes a spring loaded safety lever to prevent inadvertent operation.

The S-50 Frame Lift maneuvers

Lift is a fast action, longer reach air lift jack that is specially engineered to meet the requirements of heavyduty equipment shops. The 44"

The S-1400 Universal Truck Frame

between the cylinder and the lift pads, lets you reach way under to lift by the frame - the safest way! Anywhere an air hose will reach. you have low-cost lifting power with one-man portability. The two large center wheels allow the S-1400 to maneuver for easy positioning. Trigger the dual action valve to raise

or lower up to 7 tons.

The S-1400M Universal Truck Frame Lift air jack is engineered to meet the requirements of heavyduty equipment shops. The 60 inches between the cylinder and lift pads allows you to reach further under a frame - the safest way! Anywhere an air hose can reach vou have a low cost lifting system with one man portability. The two large center wheels provide easy maneuverability for quick positioning. Trigger the dual action valve to raise or lower up to 7 tons.

S-50 SPECIFICATIONS: 31" wide x 54" length x 33" height 232 lbs shipping weight

S-1400 SPECIFICATIONS: 32" wide x 70" length x 45" height 564 lbs shipping weight

S-1400M SPECIFICATIONS: 32" wide x 86" length x 45" height 689 lbs shipping weight

# JACKS & LIFTS

See the VIDEO of these products at www.tsissg.com

### **TJ-70 LIFTING JACK**

### **TJ-110 LIFTING JACK**





The **TJ-70 Lifting Jack** has a 7 ton capacity ideal for lifting heavy Off Highway and farm equipment. Works great on trucks and trailers too! The included extension increases lifting range without the need for blocks. The TJ-70 Lifting Jack is built with dependability and safety in mind. The large saddle on the TJ-70 Lifting Jack helps to minimize slippage while the large base increases stability. An aluminum cylinder decreases the overall weight of the unit. The TJ-70 Lifting Jack is equipped with a 3-way air control valve for fast action.

The **TJ-110 Lifting Jack** has a 11 ton lifting capacity and is ideal for lifting larger Off Highway and heavy farm equipment. Works great on truck and trailers too! The included extension increases lifting range without the need for blocks. The TJ-110 Lifting Jack is designed and built with dependability and safety in mind. The large saddle of the TJ-110 Lifting Jack helps to minimize slippage while the large base increases stability. An aluminum cylinder decreases the overall weight of the unit. The TJ-110 Lifting Jack is equipped with a 3-way air control valve for fast action.

TJ-70 SPECIFICATIONS: 11" wide x 11" length x 18.5" height 65 lbs shipping weight TJ-110 SPECIFICATIONS: 12.75" wide x 12.75" length x 20" height 92 lbs shipping weight

# TROGEN SYSTEMS See the VIDEO of these products at www.tsissg.com

### NG-2 NITROGEN TANK CART



### NG-4 NITROGEN SYSTEM



**G**enerates 5 CFM of Nitrogen



The NG-2 Nitrogen Tank Cart is portable and easily moved to anywhere in the shop to service vehicles. Equipped with four 25 foot hoses and quick lock air chucks, the NG-2 Nitrogen Tank Cart can service up to four tires at one time and only requires each tire to be hooked up once. The fully programmable control unit is then set to the specified tire air pressure along with the desired number of purge cycles. The NG-2 Nitrogen Tank Cart has an operating range of O to 145 PSI and is equipped with a top-off feature. The unit will make your nitrogen service simple, fast and economical.

The **NG-4 Nitrogen Generator** with a purge / inflation system is ideal for high volume shops. The NG-4 can be programmed to purge and inflate tires to the specified PSI up to 9 times. This unit has an operating range of 0 to 145 PSI and is equipped with a topoff feature. Equipped with 4 hoses that have quick lock air chucks, the technician only needs to attach the hoses once. Then simply set the programmable control panel to the desired number of purge cycles and the specified tire pressure and the unit automatically completes the service. The NG-4 comes standard with an internal 60 gallon nitrogen storage tank. Tire Service Equipment has several other nitrogen system configurations available to fit for your business, whether you run a motorcycle shop or a large trucking fleet.

NG-2 SPECIFICATIONS without tank: 20" wide x 24" length x 55" height 64 lbs shipping weight

NG-4 SPECIFICATIONS: 5 CFM of Nitrogen 41" wide x 39" length x 62" height 595 lbs shipping weight

### **NITROGEN SYSTEMS**

See the VIDEO of these products at www.tsissg.com

### **NG NITROGEN SYSTEMS**



#### What makes Nitrogen tire inflation so beneficial?

- Nitrogen maintains proper tire inflation pressure longer. Tires inflated with compressed air can gradually lose up to 2 PSI a month thru migration, that's up to 4 times the rate of loss when compared to nitrogen.
- Tire life can improve by up to 25%.
- Nitrogen better maintains tire pressure which can provide up to a 3.3% increase in miles/gallon.
- Nitrogen is void of moisture or oils, so there is no corrosion or oxidation of the wheel rim, inter-tire lining or air pressure monitoring device.
- Nitrogen inflated tires run up to 20% cooler than tires filled with compressed air. Cooler tire operating temperatures minimize tire failures and reduce catastrophic blowouts by up to 80%, providing for a safer ride.
- Nitrogen tire inflation increases tire retread opportunities for the commercial truck and bus industries and can reduce tire failures by as much as 80% and give the commercial truck and bus tires up to four or more retread lives.

THE PARTY OF THE P

### PRODUCT FEATURES

Tire Service Equipment Mfg. Co. (TSI) provides four models of Nitrogen Inflation Systems to choose from. These units provide service to any size shop or fleet operation and are available in 5, 6, 12 or 18 CFM capacities. Each Nitrogen Inflation System can be programmed to purge and inflate tires to the specific PSI, cycling up to 9 times while having an operating range from 0 to 145 PSI. Each unit is equipped with a convenient top-off feature.

All TSI Nitrogen Inflation Systems come with quick-lock air chucks on each of 4 hoses as standard equipment. Once a technician connects each of the 4 air hoses to each tire they simply set the programmable control panel to the desired number of purge and inflate cycles, then set it to the specified tire pressure required. Any number of tires, up to four, can be purged at a single setting. The significance in having repetitive purge cycles enables a higher nitrogen rate in the tire once this process is complete.

Manufactured with the highest quality American made membranes and components, all TSI Nitrogen Inflation Systems come standard with a 60 gallon pressure tank. On the NG-6, NG-12 and NG-18 there is an option for a larger 120 gallon pressure tank.

NG-6 SPECIFICATIONS: 6 CFM of Nitrogen 625 lbs shipping weight

NG-12 SPECIFICATIONS: 12 CFM of Nitrogen 625 lbs shipping weight

NG-18 SPECIFICATIONS: 18 CFM of Nitrogen 625 lbs shipping weight

### OIL FILTER CRUSHERS

See the VIDEO of these products at www.tsissg.com







The TSI line of oil filter crushers offers capacity, speed and are designed for any automotive shop, large volume fleetshop and other heavy-duty applications.

Our most economical filter crusher, the **TC-6** is perfect for small repair and lube shop use. Faster than air operated crushers, the electric/hydraulic system crushes smoothly without the loud "air slamming" of air operated units. This unit will crush all passenger car/light truck oil filters and can be wall mounted or used with the optional stand.

Our most popular model, the **TC-15** crushes up to 4 filters at a time. The workhorse of oil filter crushers, the TC-15 produces 38,000 lbs of crushing force! The TC-15 also crushes 1 gallon paint/solvent containers in the 9" x 16" crush chamber.

The **TC-16** delivers a solid 64,000 lbs of crushing force! Crushes multiple automotive, truck and industrial filters in a  $15" \times 15" \times 20"$  crush chamber. Heavy construction and 120 V or 220 V motor will insure years of dependable operation. Also available with an AC option which allows the operator to push a button and walk away.

### **OPTIONS**

5591- Optional stand for TC-6

**5592-**Tank Mount Weldment for TC-6

D-6-Door Safety Switch

TC-6 SPECIFICATIONS not including stand: 27" wide x 12" length x 32" height 225 lbs shipping weight

TC-15 SPECIFICATIONS: 26" wide x 36" length x 72" height 700 lbs shipping weight TC-16 SPECIFICATIONS: 40" wide x 40" length x 104" height 1750 lbs shipping weight

# RECYCLING EQUIPMENT See the VIDEO of these products at www.tsissg.com

### **GB-10 GLASS BREAKER**







SPECIFICATIONS: 48" wide x 41" length x 71" height; 275 lbs shipping weight ELECTRICAL: 1/2 HP Motor; 110 V; 20 Amps

### PRODUCT FEATURES

The GB-10 Glass Breaker processes glass to a crushed cullet, effectively reducing storage volume by as much as 80%. The portable and compact design makes the GB-10 ideal for restaurants, bars, hotels, institutional facilities, schools, salvage yards and low volume recycling facilities. Manufactured using both UL and ULC approved components the GB-10 Glass Breaker is designed and engineered for years of economical and dependable service.

- The GB-10 Glass Breaker uses a ½ HP electric motor that operates at over 1700 RPM.
- The GB-10 Glass Breaker can process up to 2 tons per hour.
- Load the material thru the top chute and material is processed and quickly discharged thru bottom chute.
- Both the intake chute and discharge chute are equipped with heavy duty protective rubber curtains to protect the operator from any flying debris.
- The GB-10 is portable and is designed to fit over all standard 30 and 55 gallon barrels. The breaking unit is mounted on an adjustable frame and is removable for easy service and maintenance.
- Ideal for crushing outdated and rejected bottles such as pharmaceutical, cosmetic and beverage bottles, ceramic and porcelain materials.
- For smaller cullet sizes, optional breaker bars, up to four total, are available.

# RECYCLING EQUIPMENT See the VIDEO of these products at www.tsissg.com

### TC-710 RECYCLING BALER



- Reduces aluminum cans or plastic bottles into a dense bale
- Power sources available in 10 HP 220/460 V 3 Phase 60 Cycle, 18 HP Briggs & Stratton electic start and 10 HP 220 V Single Phase 60 cycle.
- Optional Slide Rail available
- Optional Drip Pan available
- Optional Hopper Chute available





SPECIFICATIONS: 24" wide x 8'9" length x 3'11" height 2700 lbs shipping weight

### **PRODUCT FEATURES**

The **TC-710 Recycling Baler** delivers over 45,000 lbs of crushing force featuring a 10 HP, 3 Phase Electric motor or a 18 HP gas engine with electric start. Each baler comes with an oil cooler and a 5" diameter cylinder as standard equipment. This mobile unit conveniently fits into a truck or trailer bed and can also be used curb-side or permanently installed in-plant. The TC-710 reduces aluminum cans or plastic bottles into a dense 20" x 20" x 36" bale weighing approximately 150 lbs.

### **BALER OPTIONS**



Optional Slide Rail #5557



Optional Drip Pan #5954K



Optional Hopper Chute #6116K

### RECYCLING EQUIPMENT

See the VIDEO of these products at www.tsissg.com

### TC-720 VERTICAL BALER



SPECIFICATIONS: 56" wide x 28" length x 108" height 1900 lbs shipping weight

### **PRODUCT FEATURES**

- The **TC-720 Vertical Baler** is equipped with a heavy-duty 4" diameter bore hydraulic cylinder that produces an extremely tight and compact bale.
- The TC-720 unit is design with a small footprint.
- Constructed with heavy-duty high strength steel, the TC-720 is dependable and will provide many years of reliable service.
- Chamber size of 42" x 22" x 56" and a cycle time of only 35 seconds
- When primarily used for crushing boxes each bale produced by the TC-720 can weigh approximately 250 lbs.





# VICE SHOP & STORA PMENT See the VIDEO of these produ

See the VIDEO of these products at www.tsissg.com

### TI-87 CHEETAH® STORAGE RACK



### PRODUCT FEATURES

The TI-87 Cheetah® Storage Rack is designed to be installed on a rack or wall to store your CH-5 or CH-10 Cheetah® Bead Seater and accessories. The TI-87 will hold your Cheetah® Bead Seater, Air Hose Assembly, Universal Stand, Magnum 1, Magnum 2 or Straight Barrel up off the floor in one convenient location. Protect your Cheetah® Bead Seater and accessories while keeping your shop clean, organized and safe.

#### SPECIFICATIONS:

11.25" wide x 24" length x 7.75" height 11 lbs shipping weight

### CHR-1 CHEETAH® SAFETY INFLATE



### PRODUCT FEATURES

The CHR-1 Cheetah® Safety-Flate was developed for fleet service application. The CHR-1 eliminates guesswork by using a 3/8" high volume, high flow regulator which quickly and accurately inflates up to four tires at the same time. The Pre-set inflation gauge and regulator assembly maintain safety and precision. The CHR-1 is equipped with special couplers and (4) 10' hoses. Constructed of high strength steel, yet lightweight and compact, the CHR-1 Cheetah® Safety-Flate is built for heavy shop use and years of dependable service.

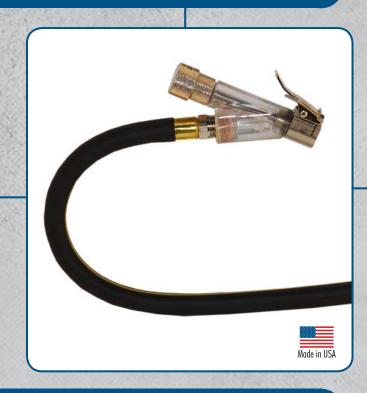
#### **SPECIFICATIONS:**

11.5" wide x 5" length x 8" height 20 lbs shipping weight

# RVICE SHOP & STORE See the VIDEO of to

See the VIDEO of these products at www.tsissg.com





### DG-20 DIGITAL TIRE INFLATOR



### PRODUCT FEATURES

The CRT-100 Core Retracting Tool is designed to reduce inflation and deflation time by allowing the operator to remove the valve core safely during the process. The clear CRT-100 body allows the operator to view that the valve core is fully retracted. Upon completion of the inflation/ deflation process, the valve core can be refitted into the valve stem by pushing the CRT-100 stem forward and rotating it clockwise. Using the CRT-100 eliminates the risk of eye injuries from "flying" valve cores.

SPECIFICATIONS: 2 lbs shipping weight

### **PRODUCT FEATURES**

The TSI DG-20 Digital Tire Inflator represents one of the most accurate and easy to use digital tire inflators on the market today. Featuring a large, clear & easy to read digital display, with a back light feature, the DG-20 is designed and built for the toughest shop environments. The durable LCD display is protected by a large full body rubber shock boot which is included. The DG-20 is programmable to display in four units: PSI, BAR, KGF and KPA. Extremely accurate, the DG-20 services inflation ranges from 0-175 PSI with an accuracy of +/- 1% full scale. The TSI DG-20 comes equipped with a 48" inflation hose assembly with a locking straight chuck.

SPECIFICATIONS:

2 lbs shipping weight

1/4" female BSPT/NPT; Hose length: 48"

### SERVICE SHOP & STORAGE

See the VIDEO of these products at www.tsissg.com

### WC-8 WHEEL WEIGHT CART



### WS-9 WHEEL WEIGHT SHELVING SYSTEM



### **PRODUCT FEATURES**

Quickly and safely bring a full assortment of wheel weights from storage to the balancer with the **WC-8 Wheel Weight Cart**. Save time, money and back injuries by using the WC-8 Wheel Weight Cart! Six sturdy shelves easily support 1800 lbs of wheel weights. Each shelf holds 5, 8"square wheel weight boxes, 25 in all! The two center casters on the WC-8 are taller than the four outside casters creating a pivot point so the WC-8 can be turned and moved in and out of tight sharp areas with little effort.

SPECIFICATIONS: 32" wide x 45" length x 32" height 235 lbs shipping weight

### PRODUCT FEATURES

The WS-9 Wheel Weight Shelving System enables you to organize, categorize and store any variety and volume of wheel weights. The 6 steel shelves will hold a total of 2400 lbs. Each shelf will hold up to (10) 8 x 8 x 8 wheel weight boxes. The WC-9 Wheel Weight Shelving System is easy to assemble and can be joined with additional units when more storage is needed.

SPECIFICATIONS: 48" wide x 14" length x 76" height 300 lbs shipping weight

# ERVICE SHOP & ST QUIPMENT See the VIDEO of

See the VIDEO of these products at www.tsissg.com

### **TI-85** LIFT PAD HOLDER



### PRODUCT FEATURES

Help organize your shop for a safer more productive working environment with the TI-85 Lift Pad Holder. This handy automotive lift pad organizer will allow you to keep the shop floor clear from any lose lift pads. Helps prevent lift pads from becoming lost or damaged. Bolt this unit to your favorite tool organizer or mount right to the wall for convenient access.

**SPECIFICATIONS:** 12" wide x 26" length x 32" height 8 lbs shipping weight

### TI-88 WHEEL WEIGHT HOLDER



### **PRODUCT FEATURES**

The TI-88 Wheel Weight Holder is a convenient shelf mount system and the ideal place for working with wheel weights. The unit is perfect for storing new boxes of wheel weights on the lower shelf and allows for handy collection of the used weights on the top shelf. When the box of new wheel weights becomes empty just fill it up with the old weights for quick recycling of the lead. Keep it next to your tire changer for quick access.

**SPECIFICATIONS:** 12" wide x 26" length x 32" height 8 lbs shipping weight

### SERVICE SHOP & STORAGE

See the VIDEO of these products at www.tsissg.com

### SC-99 STRIVER TOOL™



### PRODUCT FEATURES

The innovative **SC-99 Striver Tool<sup>TM</sup>** seal and bushing driver makes S-camshaft maintenance quick and easy. Now there is no need to remove the hub in order to extract the S-camshaft. Installation of the new bushing and seal is simple and precise. The Striver Tool<sup>TM</sup> seal and bushing driver eliminates the risk of seal damage. The technician simply taps his hammer on the Striver Tool<sup>TM</sup> not the seal, when installing the new seal and bushings.

- Fits S-camshaft diameters 11/4" to 15/8"
- Eliminates seal damage during installation
- Remove or install seals and bushings in seconds

SPECIFICATIONS:
3 lbs Shipping Weight

### CH-14 CHEETAH® TIRE TOOL ORGANIZER



### PRODUCT FEATURES

The CH-14 Cheetah® Tool Organizer allows easy storage of some of the most common tire service tools. Built to last, the CH-14 Cheetah® Tire Tool Organizer is a valuable addition to any tire service environment. The extra long storage areas can accommodate a wide variety of tire tools, tire irons, bead breaking hammers and just about any tire changing tool. The rugged wheels help transport your tool center anywhere you may need it, quickly and easily.

SPECIFICATIONS:

15" wide x 16" length x 36" height 25 lbs shipping weight

# RVICE SHOP & STORA UIPMENT See the VIDEO of these productions

See the VIDEO of these products at www.tsissg.com

### SU100A STEPPER™



### WS-05 MOBILE WHEEL WORK STATION



### PRODUCT FEATURES

The **SU100A Stepper™** gives you safe and secure footing while you work on trucks or buses. This convenient tool goes over the front or rear tire of the vehicle to give easier access to hard-to-reach places. It's adjustable for most tire sizes and folds flat for convenient transport and storage.

SPECIFICATIONS: 21 lbs Shipping Weight

### PRODUCT FEATURES

The WS-05 Mobile Wheel Work Station is designed for commercial truck tire and wheel changing. Features include faster and more efficient tire changing operations, significant reduction in impact wrench damage, reduced operator body fatigue and potential back problems. The WS-05 is designed to store all your common tire tools and adapters. The WS-05 is also designed to support the weight of the impact wrench, eliminating the weight strain normally experienced by the operator. The WS-05 Mobile Wheel Work Station is welcome addition to all shops doing truck repair and service.

**SPECIFICATIONS:** 19" wide x 32" length x 42.5" height 115 lbs shipping weight

# RVICE SHOP & STORAG UIPMENT See the VIDEO of these product

See the VIDEO of these products at www.tsissg.com

### **PB-10 BUDD NUT HOLDER**



### SPEEDY DAYTON WHEEL ADAPTOR



### **PRODUCT FEATURES**

The Revolutionary PB-10 Budd Nut Holder locks all outer wheel nuts to let you quickly remove inner cap nuts on a 10 hole, Budd wheel double nut system. The PB-10 easily sets in place over outer nuts and they're all "locked" at once. With an air wrench you can safely remove inner cap nuts much faster. The PB-10 frees your hands and feet reducing injuries. Scuff pads guard against damage to painted or aluminum wheels. The PB-10 Budd Nut Holder also fits over chrome axle covers.

**SPECIFICATIONS:** 4 lbs Shipping Weight

### PRODUCT FEATURES

The Speedy Dayton Wheel Adapter allows easy mounting of 20"- 22.5" rims, cutting balancing time in half for most applications. This unit works for all models of truck computer wheel balancers. This unit doubles your production of demountable rim balancing. Lightweight and sturdy! Manufactured form heat-treated aluminum. Easy to mount! It mounts straight literally the first time. The Speedy works great on duplex rims (18" x 22.5" tires) for steering axles.

**SPECIFICATIONS:** 24" wide x 24" length x 5" height 37 lbs shipping weight

# ERVICE SHOP & STORAGE QUIPMENT See the VIDEO of these products at

www.tsissg.com

### 1-PPK PAKPRESS™

# Shown with optional cart Made in USA

### **PRODUCT FEATURES**

The 1-PPK PakPress™ Portable Wheel Stud Remover and Installer is a must if you're in the truck maintenance industry. Most impressive, the PakPress™ lets you remove and install studs without removing the hub. A two-hour job is done in as little as twenty minutes, with no risk of damaging seals or bearings. Also available with optional rolling storage cart.

- The 1-PPK PakPress™ eliminates the risk of flying fragments coming off during installation and removal of studs reducing potential injury to technicians.
- No need to remove hubs and brake shoes, saving on vehicle downtime.
- Reduce wheel seal replacement costs by not having to remove the tub assembly.
- Reduce risk of damage to hub, seals and studs.





Cart SPECIFICATIONS: 17" wide x 17" length x 39" height 27 lbs shipping weight 1-PPK SPECIFICATIONS: 92 lbs shipping weight

### **OPTIONAL PRODUCTS**



# VICE SHOP & STORAG PMENT See the VIDEO of these produc

See the VIDEO of these products at www.tsissg.com

### VV3000 VERSA VAC™



### 6300 CHEETAH® STUD EXTRACTOR KIT



### **PRODUCT FEATURES**

The VV 3000 Versa Vac™ Pressure Tester creates a vacuum, holding coolant in with little or no loss. As a pressure tester, the Versa Vac<sup>™</sup> allows a quick check of your repair with positive pressure from shop air. No tedious hand pumping. A radiator cap installs on the tester to provide pressure relief. An inlet ball valve adjusts the pressure applied to the system up to the maximum limit of the relief valve.

#### Available Adapters:

**T1223** – Volvo VN

T3064 - Freightliner Columbia

V1010 - Mack midliner

V1011 - Mercedes

**V1020** – Volvo (threaded 46 x 3 mm)

V1024 - Truck size "B" to quick couple Caterpillar

V1025 - Standard Automotive V1029 - Western Star, older GMC

V1030 - Transit Bus

V1034 - Truck "B" cap pop off

**V1040** - Volvo (threaded 63 x 3 mm)

**V3010** – Navistar 1966 & newer

#### **SPECIFICATIONS:**

Air requirement: 30 CFM at 120-150 PSI 8 lbs shipping weight

### PRODUCT FEATURES

The patented Cheetah® Stud Extractor Kit is the most innovative broken stud extracting tool on the market. It removes the broken axle studs without harming the other studs or the axle hub. Using the Cheetah® Stud Extractor Kit technicians have the ability to drill a hole precisely in the center of the broken stud. Save valuable time and eliminate the need to replace entire axle hubs with broken studs or the need to re-tap broken axle stud holes damaged by other stud removal methods.

**SPECIFICATIONS:** 3 lbs shipping weight

THE WAR

# IRE CARTS & DOLLIES See the VIDEO of these products at www.tsissg.com

### HD-22/26 CLEVER LEVER®



### TW-2000 TWEEL HANDLER™



### PRODUCT FEATURES

- The HD-26 and HD-22 Clever Lever® puts science back in this chore by providing just the right tool to remove and replace tires easily and safely.
- The Clever Lever® allows one person to readily move tires up to 300 lbs., helping to prevent back injuries and other costly insurance claims.
- Easy to use; simply roll the Clever Lever® under the tire, then lift and pull. To replace a tire, simply push it back in, rotate and tilt for quick alignment with the
- The Clever Lever® comes in two models; The HD-22 fits tires from 24" to 36" designed for light and medium duty vehicles. The HD-26 fits tires from 36" to 48" designed for heavy duty vehicles.

#### SPECIFICATIONS:

HD-22: 25.5" wide x 48.5" length x 8" height; 21 lbs HD-26: 29.5" wide x 48.5" length x 8" height; 21 lbs

### PRODUCT FEATURES

- The TW2000 Tweel Handler™ is an amazingly versatile tool that allows truck mechanics to remove, install, rotate and transport single tire and wheel assemblies with ease.
- The vertical range of conventional wheel dollies is 3" or 4", forcing you to kneel down to inspect tires, or use a floor jack to raise the tire up.
- Contains a built-in ratcheting jack with 14" of vertical travel. No more bending over!
- Holds virtually any single truck wheel, including wide-based singles.
- Three heavy-duty ball-bearing wheels mounted under ball-bearing swivel casters make it highly maneuverable.

#### SPECIFICATIONS:

47" wide x 33" length x 19" height 162 lbs shipping weight

# E CARTS & DOLLIES See the VIDEO of these products at www.tsissg.com

### S-24 TIRE CART



### PRODUCT FEATURES

The **S-24 Tire Cart** is perfect for quick and safe around the shop transport of most passenger and light truck tire and wheel. The heavy duty casters on the S-24 Tire Cart allow for easy lifting and maneuverability. Mounting a tire is simple and fast. Inner rollers on the S-24 Tire Cart allow the tire and wheel to spin freely, for fast and easy wheel stud alignment. Completely adjustable the S-24 Tire Cart handles just about any size tire and wheel combination up to 200 lbs. Stop moving heavy tires the hard way and reduce your risk of injury by using the S-24 Tire Cart.

SPECIFICATIONS: 32" wide x 45" length x 32" height 30 lbs shipping weight

### S-25 WHEEL DOLLY



### PRODUCT FEATURES

The S-25 Wheel Dolly can help you lift and transport heavy truck and Off Highway equipment wheels faster and easier than ever. Speeding up the wheel handling process also reduces costs from equipment downtime. Handling up to 2500 lbs and tires up to 60 inches in diameter, the S-25 Wheel Dolly also reduces the risk of damage to grease retainers and bearings when mounting or dismounting the wheel! The large 5" swivel guide and carrier wheels with rubber tires makes for easier maneuverability too. With a specially designed 3" leveling adjustment screw and 5" vertical bar, the S-25 can quickly align wheels to

**SPECIFICATIONS:** 48" wide x 53" length x 36" height 312 lbs shipping weight

# RE CARTS & DOLLIES See the VIDEO of these products at www.tsissg.com

### 350B BACK BUDDY II™







SPECIFICATIONS: 37.5" wide x 27" length x 25" height 150 lbs shipping weight

### **PRODUCT FEATURES**

- The **350B Back Buddy II™** will make brake jobs easier and more profitable.
- This versatile tool was designed to prevent injuries from awkward lifting and keep workers' comp rates down.
- The Back Buddy II™ rolls under and bolts onto heavy drum and hub assembly, then handily rolls the assembly out and lays it over for servicing.
- Re-assembly is quick and precise because the Back Buddy II ™ angles for perfect hub alignment, eliminating seal damage and costly
- The Back Buddy II<sup>™</sup> handles all hub and drum assemblies with Universal Receiver and Adapter
- A simple change of adapters transforms the tool in seconds from inboard to outboard application.
- Adapters MKA2 and MKA310-hole inboard and outboard application are included.

### **OPTIONAL ADAPTERS**



MKA2HD Inboard Adap

MKA3 Outboard Adap **MKA3HD** Outboard Adap

**MKA4** Back Buddy Adap

MKA5 Inboard Adap

MKA6 Outboard Adap

MKA7 Inboard Adap

MKA8 Outboard Adap

**MKHMV** 

# IRE CARTS & DOLLIES See the VIDEO of these products at www.tsissg.com

### TS-10 TIRE SQUIRE



TS-10 Tire Squire can be tilted back and maneuvered on 3 wheels allowing the cart to be managed with up to 90% less





### **PRODUCT FEATURES**

The TS-10 Tire Squire takes the work out of transporting tires and wheels. Ergonomically designed to increase operator safety and efficiency. Designed with a 3rd locking caster wheel, the TS-10 Tire Squire can be tilted back and maneuvered on 3 wheels allowing the cart to be managed with up to 90% less effort.

- The TS-10 jaws open to a full 52 inches!
- Easy opening self adjusting jaws automatically capture tires and wheels.
- Jaws are operated using the handles...No foot pumps!
- Ergonomically easier on workers.
- Roll it with 90% less effort.
- Brake is standard on swivel caster.
- Heavier 1 inch axles.
- No more bending to pick tires at the bottom of the stack.
- Reduces the risk of lost loads.

**SPECIFICATIONS:** 32" wide x 64" length 85 lbs shipping weight

### TIRE CHANGERS

See the VIDEO of these products at www.tsissg.com

### 6173 NON SCRATCH TIRE TOOL



### PRODUCT FEATURES

Remove tires from aluminum wheels without wheel damage with the **6173 Non Scratch Tire Tool.** The 6173 Tire Tool is made from high tensile strength plastic to prevent any scratching when being used on aluminum or painted wheels. The 6173 Tire Tool is designed to be used with a manual center post tire machine like the CH-22 Multi-Tire Changer.

SPECIFICATIONS: 40" length; 8 lbs shipping weight

### CH-21 S.W.A.T.T CHANGER



### **PRODUCT FEATURES**

The CH-21 S.W.A.T.T. (Small Wheel and Trailer Tire) Changer is a low-cost, time and labor saving manual tire changer. It is designed specifically for 4" to 12" lug-center or bearing-in hub wheels. Odd size wheels are no problem for this manual tire changer! The CH-21 secures wheels onto the non-skid base plate by positioning and tightening the "quick adjust" center post onto the threaded rod. This allows the operator to switch wheel sizes or styles fast! The CH-21 S.W.A.T.T. Changer is ideal for small equipment repair shops and full service tire shops currently turning away small tire business.

SPECIFICATIONS: 12.25" wide x 12.25" length x 19.25" height 27 lbs shipping weight

### TIRE CHANGERS

See the VIDEO of these products at www.tsissg.com

### CH-22/23 SMALL WHEEL TIRE CHANGING STATION



CH-22 SPECIFICATIONS: 20" wide x 20" length x 7" height 23 lbs shipping weight

CH-23 SPECIFICATIONS: 12" wide x 22.5" length x 26.5" height 61 lbs shipping weight

### **PRODUCT FEATURES**

The CH-22 Multi-Tire Changer and CH-23 Stand with Bead Breaker make the tire changing job easy, fast and economical. No other multi tire changer works as well as the CH-22...we GUARANTEE it! Change 4" to 16.5" tires with speed and ease. The CH-22 comes complete with the fully adjustable rim clamps and 2 center posts to accommodate open hub and bearing wheels. The CH-23 Tire Changer Stand features an adjustable bead breaker and tire tool storage locations. Also included with the CH-22 is the patented CH-4 Mongoose Tire Tool. The CH-4 Mongoose is the best tire tool ever designed to change those difficult smaller tires.

### **CH-22 ACCESSORIES KIT**



Floor Plate P/N 22.6000



Mini Mongoose P/N CH-4M



Mounting Clamp P/N 22.600

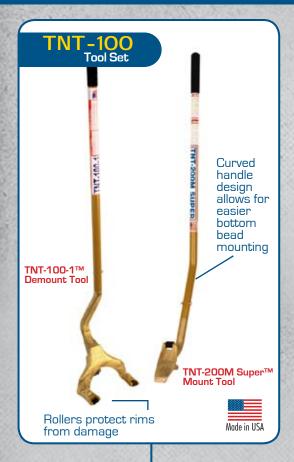


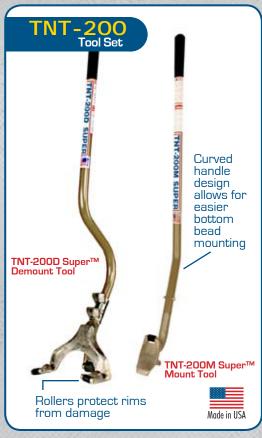
Wheel Protectors P/N 22.6002

### TIRE CHANGERS

See the VIDEO of these products at www.tsissg.com

### TNT TIRE TOOLS







These patented mount and demount tire tools are specially engineered and will change your business as fast as they'll change truck tires. These TNT Tire tools will demount and mount tires 17.5" to 24.5", Super Singles and install most radial and bias ply tires.

- Only one tool needed to demount and only one tool needed to mount tires.
- Will not damage beads, saving valuable casings for successful retreading.
- Eliminate the need to lift tire and rim to remove the bottom bead, preventing possible strain or even serious injury.
- Saves time...a tubeless tire can be demounted in as little as 8 seconds and remounted in as little as 20 seconds.
- Some tubeless tires can be demounted and mounted without removing the wheel from the vehicle.

TNT-100, TNT-200D, and TNT-200M ALSO SOLD SEPARATELY

TNT-100 SET INCLUDES: TNT-200M & TNT-100-1; 31 lbs shipping weight TNT-200 SET INCLUDES: TNT-200M & TNT-200D; 31 lbs shipping weight TNT-300D TOOL: 16 lbs shipping weight

# See the VIDEO of these products at www.tsissg.com

### **TC-50 TIRE CUTTER**



The TC-50 Tire Cutter is equipped with either a 9 HP Briggs & Stratton gas engine or a 3 HP, 220 single phase electric motor. Optional 5 HP, 3 phase, electric motor is available.





### **PRODUCT FEATURES**

- The TC-50 Tire Cutter is designed to cut passenger and light truck tires into 4 pieces at a rate of up to 60 tires per hour.
- The TC-50 Tire Cutter is perfect for tire shops who want to handle their own tire disposal.
- Patented shear blades works on a zero clearance design for a clean cut. The shear blade design greatly extends the blade life compared to other designs.
- Two-handle valve system is designed to keep operator's hand away from the blades while cutting for added safety.
- The TC-50 Tire Cutter is easy to operate, low maintenance, dependable and designed for vears of service.
- Small foot print allows this tire cutter to easily fit in any work area.
- Complete factory training is available with each TC-50 Tire Cutter.
- Available in gas and electric power systems.
- UL and ULC approved components.

**SPECIFICATIONS:** 54" wide x 66" length x 62" height 1400 lbs shipping weight

### TIRE CUTTERS

See the VIDEO of these products at www.tsissg.com





The TC-55 Tire Cutter is one of the most powerful passenger and light truck tire cutting units. Equipped with either a 10 HP 220/440 V 3 Phase electric motor or an 18 HP Briggs  $\,\&$  Stratton gas engine with an electric start





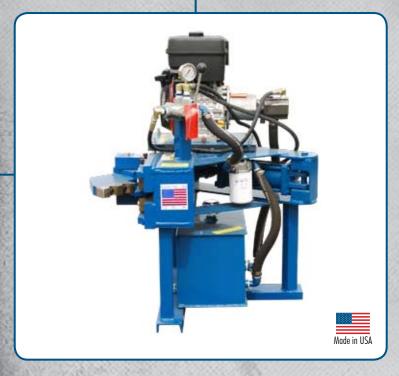
### PRODUCT FEATURES

- The **TC-55 Tire Cutter** packs a big punch for a machine its size. The small footprint allows this workhorse to easily fit in any work area.
- TheTC-55 Tire Cutter is faster than its little brother the TC-50 Tire Cutter and can handle high volumes of passenger or light truck size tires quickly.
- Two-handle valve system is designed to keep operator's hand away from the blades while cutting for added safety.
- The TC-55 Tire Cutter is easy to operate, low maintenance, dependable and designed for years of service.
- The TC-55 will cut 17" and smaller tires into four pieces at a rate of up to 90 per hour.
- Tires measuring 18" and 19" in diameter can be quartered at a rate of up to 70 tires per hour.
- Complete factory training is available with each TC-55 Tire Cutter.
- The TC-55 Tire Cutter is available in both gas and electric power systems.
- UL and ULC approved components.

SPECIFICATIONS: 57" wide x 74" length x 67" height 1962 lbs shipping weight







# PRODUCT FEATURES

- The **TC-60 Bead Notcher** puts an end to the re-circulation of warranty replacement tires and unsafe tires.
- The TC-60 disables any newly manufactured tire that is defective and/or not intended for use.
- It takes unwanted tires out of circulation permanently, eliminating any liability.
- The TC-60 electric/hydraulic unit cuts a 1.5" notch into the bead, making it impossible to mount.
- The TC-60 works on all tires up to 11" x 24.5" quickly and easily.
- Constructed of heavy structural steel for years of dependable service.
- The powerful jaws are made of heat treated tool steel and power by a 3 HP electric motor or 9 HP Briggs & Stratton gas engine.





SPECIFICATIONS: 36" wide x 36" length x 36" height 750 lbs shipping weight

# TIRE CUTTERS

See the VIDEO of these products at www.tsissg.com

# **TC-100** TIRE CUTTER



The TC-100 Tire Cutter comes standard with a 18 HP Briggs & Stratton gas engine with electric start. A Kubota diesel engine or 10 HP electric motor are available as options.

The TC-100 Tire Cutter is designed to cut passenger, light truck and heavy truck tires including super singles. Passenger and light truck tires can be cut into 4 pieces at a rate of up to 120 per hour using the optional passenger tire compressor. Heavy truck tires can be quartered at a rate of up to 40 per hour.

SPECIFICATIONS: 66" wide x 119" length x 72" height 3800 lbs shipping weight

#### PRODUCT FEATURES

- The **TC-100 Tire Cutter** is a versatile tire cutter that is used by tire shops, services stations, landfills, auto salvage yards and retread plants.
- The patented double shear blade system is easily adjustable to maintain a zero clearance between the blades for a clean cut. The double shear blade system eliminates blade separation and greatly extends blade life.
- The TC-100 is a portable unit that can be easily transported to tire salvage piles. Contains a 2" ball hitch and safety chains. Trailer lights are optional.
- Cut tires can be stacked within each other (nested). This method reduces the volume of a tire pile by up to 75%.
- Reduce transportation costs by shipping more condensed loads using cut tires.

#### **OPTIONAL PRODUCTS**



# TRECUTTERS See the VIDEO of these products at www.tsissg.com

# **TC-125 TIRE CUTTER**











## PRODUCT FEATURES

The TC-125 Tire Cutter will cut any tire with a rim diameter up to 25" and tire diameters up to 52". Construction tires and farm tires are cut with complete safety using the TC-125 Tire Cutters large shear blades. The heavy duty tire cutter is specifically designed to cut difficult large tires. Unique design features give complete operator safety and ease of operation. The TC-125 is powered by a Kubota diesel engine or optional electric motor.

#### **Advantages of Cutting Tires**

- Tires can be stacked within each other (nested) which reduces tire volume by up to 60%.
- Reduces transportation costs substantially by transporting a more dense load of tires.
- Tires no longer hold water, eliminating common breeding grounds for mosquitoes.
- Reduces regulatory problems concerning tires.



SPECIFICATIONS: 70" wide x 7'8" length x 12'6" height 7650 lbs shipping weight

# TIRE GROOVERS

See the VIDEO of these products at www.tsissg.com

### **RHHG HAND HELD GROOVER**



### **PRODUCT FEATURES**

The RHHG Hand Held Groover offers fast shaping and cutting of groovable tires. The RHHG Groover is lightweight and is equipped with a comfortable pistol grip design. Easy to use dial temperature settings ensure proper heat while the built in safety mechanism prohibits the blade from heating until pressure activated. This feature protects the operator and eliminates blade overheating when not in use. The blades are fast and easy to change and are available in various sizes ranging from 2 mm to 22 mm.

#### SPECIFICATIONS:

12" wide x 9.25" length x 5" height 12 lbs shipping weight

# TG-80 TIRE REGROOVER



# PRODUCT FEATURES

- The **TG-80 Tire Groover Station** will hold any tire for re-grooving from 15" to 24.5" in rim diameter on the quick-adjust hydraulic chuck operated by a simple foot valve.
- The TG-80 provides a straight or zigzag groove with less difficulty than other methods.
- The groover attachment accepts 4 blade widths, allowing the operator to re-groove most truck tires.
- The 1 HP electric/hydraulic system operates all components and features variable rotation speed.
- A 110 V/30 Amp outlet and 1/4" 80 PSI air line is all that's needed.

SPECIFICATIONS: 30" wide x 60" length x 60" height 712 lbs shipping weight

# TIRE GROOVERS

See the VIDEO of these products at www.tsissg.com

## SG UPRIGHT GROOVER



### **PRODUCT FEATURES**

Re-grooving of approved truck tires is a common process for truck, bus and fleet companies. The straight line, cold cut, **SG Upright Groover** is designed specifically to meet this need. Most truck tires have 6/32" of under tread. Precision, adjustable re-grooving on the SG Upright Groover will increase the tire life and extend the available mileage of truck tires, including non re-capable type by as much as 15,000 miles per 1/32 of an inch.

65.885 Groover Blade



SPECIFICATIONS: 72" wide x 24" length x 32" height 330 lbs shipping weight ELECTRICAL: 1/2 HP Motor; 110 V; 20 Amps

# **STG** TIRE GROOVER



#### PRODUCT FEATURES

- The **STG Tire Siper & Groover** is the versatile siping machine capable of siping tires and grooving tires.
- Sipes most tires from 12" to 24.5" in rim diameter with the available adapters.
- STG provides a straight line cold cut groove.
- Different groove width blades available.
- It's fast, the tire siping process takes as little as 4 minutes per tire to perform.
- Most types of tires can be siped new, re-cap, or used as long as it has 5/32" of tread left.

65.885 Groover Blade



SPECIFICATIONS: 34" wide x 36" length x 42" height 1050 lbs shipping weight

# REINSPECTORS See the VIDEO of these products at www.tsissg.com

# S-60 TIRE SPREADER







#### **PRODUCT FEATURES**

- The S-60 Tire Spreader and Inspector is designed to spread commercial truck and off highway tires easy for inspection and repair, including Super Singles.
- The heavy duty frame allows the S-60 to remain stable when tires are mounted
- A large air cylinder spreads tires with ease while the heavy duty rollers permit spreader and tire to rotate freely.
- Foot operated valve operates tire lift assembly and spreader cylinder assembly.
- This simple design uses one cylinder to mount inner tire bead and spread the tire.
- An optional light assembly is available and features adjustable spot light. The lights are protected by safety shields for maximum safety.



**SPECIFICATIONS:** 74" wide x 72" length x 81" height 500 lbs shipping weight

# REINSPECTORS See the VIDEO of these products at www.tsissg.com

# **TI-95** TIRE INSPECTOR



The TI-95 Tire Inspector includes the standard 13" to 16" expandable rim assembly. Other expandable rims are available to accommodate all passenger and light truck tires up to 20" diameter.



**SPECIFICATIONS:** 24" wide x 36" length x 49" height 480 lbs shipping weight

### **PRODUCT FEATURES**

- The TI-95 Tire Inspector is designed to inspect non mounted passenger car and light truck tires from 13" to 20" in diameter.
- The TI-95 allows the operator to inspect tires for sidewall, tread and bead leakage on non mounted tires.
- Quick and easy inspection is accomplished by using an expandable hub and expandable rim assembly.
- The mounted tire and hub assembly rotate easily for quick and easy inspection and the convenient control panel is designed for ease of operation.
- The TI-95 has a rigid base and stand that supports all available rim sizes mounted on the hub assembly.
- A standard 1/4", 90 PSI air line operates the unit and no electricity is required.

### **OPTIONAL EXPANDABLE RIMS**



#### **Available Sizes**

# TIRE INSPECTORS

See the VIDEO of these products at www.tsissg.com

# **TI-96 TIRE INSPECTOR**



The TI-95 Tire Inspector includes the standard 22" to 24.5" expandable rim assembly. Other expandable rims are available to accommodate passenger and light truck tires.





SPECIFICATIONS: 51" wide x 72" length x 44" height 850 lbs shipping weight

#### PRODUCT FEATURES

- The **TI-96 Tire Inspector** is designed to inspect non mounted tires from 13" to 24.5" in rim diameter using an expandable hub and rim assembly.
- The TI-96 Tire Inspector allows the operator to inspect tires for sidewall and tread leakage using a dunk test tank.
- Ideal for checking tire tread separation and other tire damage.
- Foot operated power lift will save time and injury by lifting those heavy tires from floor into the test tank.
- The TI-96 tire and hub assembly rotates easily for inspection and all operating controls are located on the side of the machine for easy operation.
- A standard 1/4", 90 PSI air line operates the unit and no electricity is required.

### **OPTIONAL EXPANDABLE RIMS**



#### Available Sizes

13" - 16" x 63/8"

08.510
13" - 16" x 8"

09.410
14" - 17" x 71/8"

10.410
17" - 20" x 81/4"

11.410
20" - 22.5" x 9"

12.410
22" - 24.5" x 9"

14.410
22" - 24.5" x 133/8"

14"- 17" x 10

**172010** 17" - 20" x 10"

# TIRE SIPERS

See the VIDEO of these products at www.tsissg.com

# **SP TIRE SIPER**





SPECIFICATIONS: 37" wide x 42" length x 44" height 460 lbs shipping weight

#### **PRODUCT FEATURES**

- The **SP Tire Siper** is designed exclusively for passenger car and light truck tires.
- SP Siper is priced to fit a smaller budget.
- No accessories are required making this unit perfect for many applications.
- Designed to accommodate mounted tires, the SP Siper is built to last, giving you many years of dependable service.
- It's easy to operate with training provided.
- It's fast; the process takes as little as 4 minutes per tire to perform.
- Drivers everywhere are asking for siping because it's proven ability to increase overall tire performance. If you are not offering tire siping you're losing money and customers.



# TIRE SIPERS See the VIDEO of these products at www.tsissg.com

# **ST SAF-TEE SIPER**



#### PRODUCT FEATURES

- The **ST Saf-Tee Siper** can sipe most tires from 12" to 24.5" with the adapters available.
- It's easy to operate and training is provided.
- Its fast; the process takes as little as 4 minutes per tire to perform.
- Most types of tires can be siped new, re-cap, or used - as long as it has 5/32" of tread left.
- Includes 12 blade, 5-7-9-11-13 lead screws and silicone emulsion.
- Drivers everywhere are asking for tire siping because it's proven ability to increase overall tire performance. If you are not offering tire siping you're losing money and customers.

## **OPTIONAL ACCESSORIES**





**SPECIFICATIONS:** 34" wide x 36" length x 42" height; 585 lbs shipping weight



Optional 6030 Quick Mount Adapter



Optional Ramp #1.959

# TIRE SIPERS

See the VIDEO of these products at www.tsissg.com

# **STG** TIRE SIPER & GROOVER



## **PRODUCT FEATURES**

- The **STG Tire Siper & Groover** is the versatile siping machine capable of siping tires and grooving tires.
- Sipes most tires from 12" to 24.5" with the available adapters.
- STG provides a straight line cold cut groove.
- Different width groove blades are available.
- Easy to operate and training is included.
- It's fast; the tire siping process takes as little as 4 minutes per tire to perform.
- Most types of tires can be siped new, re-cap, or used as long as it has 5/32" of tread left.
- Drivers everywhere are asking for siping because it's proven ability to increase overall tire performance. If you are not offering tire siping you're losing money and possibly customers.

# **OPTIONAL ACCESSORIES**





SPECIFICATIONS: 34" wide x 36" length x 42" height 1050 lbs shipping weight



Optional 6030 Quick Mount Adapter



Optional Ramp #1.959

# TIRE SIPERS See the VIDEO of these products at www.tsissg.com

# **STE-M** TIRE SIPER



**SPECIFICATIONS:** 40" wide x 42" length x 45" height 1050 lbs shipping weight

#### PRODUCT FEATURES

- The STE-M Tire Siper allows the operator to sipe both non-mounted and mounted tires with the same machine.
- For non-mounted tires, expandable rims are available 13" to 24.5" to fit over standard expanding hub of the STE-M Tire Siping Machine.
- For mounted tires, the expandable hub is swung out of the way, the wheel is fitted with the necessary adapter and rolled into the machine and siped.
- A tire can be mounted, siped and dismounted in as little as 4 minutes depending on tire size.
- Most types of tires can be siped new, re-cap, or used - as long as it has 5/32" of tread left. It's easy to operate and training is provided.
- Drivers everywhere are asking for tire siping because it's proven ability to increase overall tire performance. If you are not offering tire siping you're losing money and customers.

## **OPTIONAL ACCESSORIES**



Wheel Lift Attachment **#WLA-STE** 



6030 Quick Mount Adapter



**Automated Cycle Feed** #6005



Ramp #1.959

See the VIDEO of these products at www.tsissg.com

## **405-W PORTA TRUER**



The 405-W Porta Truer is designed to handle bus, truck, trailer, passenger car, light truck and racing tire applications.

# PRODUCT FEATURES

Fast, accurate and dependable, the heavy duty **405-W Porta Truer** is designed to roll up to any vehicle and true the tire without removing the wheel. The versatile design means the entire job can be completed within a matter of minutes. Truing the tire on wheel bearings insures absolute accuracy.

- Versatile, low maintenance design.
- Folding handle design for compact storage.
- Built-in tire profile follower.
- Cuts up to 17.5" wide on a 24" profile.
- Adjustable work light.
- Self sharpening blade with manual override and safety blade guard.
- 14 foot power cord.

# **OPTIONAL ACCESSORIES**





SPECIFICATIONS: 60 Hz., 110-115 V, Single Phase 379 lbs shipping weight



See the VIDEO of these products at www.tsissg.com



# 711 TIRE TRUER



The Series 80 Adapter set is included for precision mounting of most domestic and foreign cars; and light trucks. Additional adapter sets are available to fit most all applications. Optional Wheel Lifting Ramp for one person mounting of tires and optional Automatic Cross-Feed Control for automated truing are available.





SPECIFICATIONS: 60 Hz, 110-115 V, Single Phase 45" wide x 48" length x 448" height 765 lbs shipping weight

#### PRODUCT FEATURES

The **711 Tire Truer** is designed to quickly and accurately true tires off the vehicle. One person can true a tire in as little as 5 minutes. The heavy duty 711 Tire Truer is designed to handle bus, truck, trailer, passenger car, and light truck applications.

- Built-in tire centering gauge and profile follower.
- Ball bearing blade motor with fixed shaft prevents tire gouging.
- Automatic sharpening blade with manual override.
- Equipped with safety blade guard.
- Minimum set up time needed for fast one person operation.
- Simple master control panel designed for easy operator use.
- Adjustable work light.
- Adapter plates available to fit most wheel lug patterns.

### **OPTIONAL ACCESSORIES**

#### Optional Wheel Lifting Ramp

For easy one man lifting of wheels into the truer. Can be assembled onto the machine in minutes. The ramp is easily removed and stored underneath the unit.

#### Optional Automatic Cross-Feed Control

The variable speed gear motor saves time, labor, and creates a smoother cut compared to manual operation. Includes a speed control dial and directional power switch. Stops at the end of travel are determined by micro switch cams. Practically pays for itself! (Factory installed only.)

See the VIDEO of these products at www.tsissg.com

#### **1200R TIRE TRUER & SHAVER**



The 1200R Racing Truer is specifically designed for racing tires and produces a flat surface or can be adjusted for an camber cut of up to (plus/minus) 5 degrees.





SPECIFICATIONS: 60 Hz, 110-115 V, Single Phase 50" wide x 48" length x 48" height 651 lbs shipping weight

#### **PRODUCT FEATURES**

The **1200R** Tire Truer & Shaver is specifically designed for racing tires and racing applications. The 1200R produces a flat cut surface or the unit can be adjusted to cut on a camber and can produce a camber cut of up to 5 degrees. The 1200R comes with one adapter plate to your specifications. The 1200R is capable shaving a tire up to 18" wide and wheels sizes up to 24.5".

- Built-in tire centering gauge and profile follower.
- Ball bearing blade motor with fixed shaft prevents tire gouging.
- Automatic sharpening blade with manual override.
- Equipped with safety blade guard.
- Minimum set up time needed for fast one person operation.
- Simple master control panel designed for easy operator use.
- Adjustable work light.
- Adapter plates available to fit most wheel lug patterns.

### **OPTIONAL ACCESSORIES**

#### **Optional Wheel Lifting Ramp**

For easy one man lifting of wheels into the truer. Can be assembled onto the machine in minutes. The ramp is easily removed and stored underneath the unit.

#### **Optional Automatic Cross-Feed Control**

The variable speed gear motor saves time, labor, and creates a smoother cut compared to manual operation. Includes a speed control dial and directional power switch. Stops at the end of travel are determined by micro switch cams. Practically pays for itself! (Factory installed only.)

See the VIDEO of these products at www.tsissg.com



# **501-A STROBE BALANCER**



## **525 LOW PROFILE SPINNER**



#### PRODUCT FEATURES

Strobe Wheel Balancers have been around for years, and there is no more accurate way to balance a tire and wheel assembly than on the vehicle. When balancing a tire and wheel assembly on the vehicle you are also balancing the rotor or drum and hub assembly which insures a better balance. Strobe balancing a wheel and tire is more accurate than using conventional methods. The 501-A Electronic Strobe Balancer is the companion component to the 525 Wheel Spinner. The 501-A Electronic Strobe Balancer delivers fast precision balancing on the vehicle. No special wheel attachments are required. The flashing strobe indicator pin points exact placement of wheel weights. Balancing jobs go out faster.....you profit more!

SPECIFICATIONS: 24 lbs shipping weight

#### PRODUCT FEATURES

The **525** Low Profile Spinner allows for easy access under lower body style cars and trucks. Completely portable, this heavy duty spinner will handle passenger cars and up to heavy duty truck tires, including rear wheels and drive duals.

- Power cord hangers for convenient storage of 20 foot power cord.
- Handle bolts loosen to fold handle bars down for compact storage.
- Brake pad swivels to firmly contact tire when braking.

#### **SPECIFICATIONS:**

7.5 HP, 220 V, 3 phase or 5 HP, 220 V single phase. 340 lbs shipping weight



See the VIDEO of these products at www.tsissg.com

# **975 TIRE WARMER**







SPECIFICATIONS: 27" wide x 56" length x 40" height 475 lbs shipping weight

# **PRODUCT FEATURES**

The 975 Tire Warmer is the ideal way to warm and pre condition tires prior to the tire truing or tire shaving process. Tire warming is the process where tires placed are placed into the 975 Tire Warmer and spun for approx 4 to 6 minutes. Heat is generated thru friction during this process and rapidly raises the tire temperature which helps eliminate stationary flat spots. Why is this necessary? Tires that that have sat for periods of time, whether in a tire rack or on a vehicle can develop flat spots. This condition is more prevalent with bias ply tires, but also occurs with radial tires. The warming and pre conditioning process helps to eliminate flat spots that develop in tires from staying stationary. This simple step allows for greater accuracy when tire truing or tire shaving. The 975 Tire Warmer and Preconditioner is also ideal for heat cycling racing



# HEEL CLEANERS See the VIDEO of these products at www.tsissg.com

# WC-10 WHEEL CLEANER



### **PRODUCT FEATURES**

- The WC-10 Portable Wheel Cleaner is a hand held unit designed to remove scale, corrosion and rust build up in the bead seat and wheel flange area of steel and aluminum passenger and light truck wheels.
- The WC-10 is compact, light weight, simple and simple to use. You don't need to rotate the wheel the head of the WC-10 swivels easily around the wheel flange.
- The WC-10 Bead Cleaner is designed with nylon follow guides to maintain proper wheel position.
- Wire brushes clean both the bead seat and wheel flange areas at the same time.
- Ease of operation: The operator simply moves the unit around the wheel. The wheel does not need to rotate.





SPECIFICATIONS:
6" wide x 20" length x 9" height
15 lbs shipping weight

# HEEL CLEANERS See the VIDEO of these products at www.tsissg.com

# WC-15 WHEEL CLEANER



The WC-15 Wheel Cleaner handles passenger and light truck aluminum or steel wheels 13" to 20" in diameter and widths up to 12."





### **PRODUCT FEATURES**

The WC-15 Wheel Cleaner is a heavy duty enclosed unit for cleaning bead seat and rim flange areas of aluminum and steel wheels. Cleaning is a necessary step in helping prevent air leaks.

- Handles passenger and light truck wheels 13" to 20" in diameter and widths up to 12"
- Wheels rotate on protective rubber drive rollers.
- A 6" diameter wire brush powered by a 2 HP electric motor easily clean wheels.
- Wire brush is maneuvered to proper wheel area by external adjustment crank handles.
- Wheel is cleaned in an enclosed environment reducing dust and foreign particles from being released.
- Cleans wheel in as little as 2 to 4 minutes depending on wheel size and the amount of corrosion.
- Enclosed 5 HP vacuum extracts all dust and dirt.
- Enclosure has an acrylic viewing window to view brush location and observe wheel cleaning status.
- Sealed lamp is mounted internally to illuminate the wheel cleaning area.
- WC-15 is constructed of heavy gauge steel.
- UL and ULC approved components.

SPECIFICATIONS: 41" wide x 54" length x 58" height 558 lbs shipping weight ELECTRICAL: 115 V, 1 Phase, 60 Hz, 30 Amp

# WHEEL CLEANERS

See the VIDEO of these products at www.tsissg.com

# WC-30 WHEEL CLEANER



Heavy duty machine to clean all wheels from 20" rim diameter to 32" rim diameter and any rim up to 20" wide.





SPECIFICATIONS: 40" wide x 40" length x 60" height 737 lbs shipping weight ELECTRICAL: 120 V, 1 Phase, 60 Hz, 40 Amp

### **PRODUCT FEATURES**

- The WC-30 quickly removes particle build up on wheel bead seat and rim flange areas. Cleaning is a necessary step in helping prevent air leaks.
- Enclosed cabinet has full range opening doors to allow easy placement into cabinet and on to the drive rollers.
- The WC-30 has two rubber coated drive rollers to protect rim flange and to positively rotate the wheel.
- Wheel is protected on outer surface with a plastic shield to prevent damage and scratches.
- Large capacity internal vacuum system captures particles of dirt and dust that come from the wheel during the cleaning process. This permits a clean air working environment. Vacuum has a large capacity and replaceable filter.
- Internal 150 watt long life halogen lamp to properly illuminate wheel allowing the operator to view the cleaning operation.
- Large 6" diameter wire brush is powered directly by a 2 HP, 3450 RPM electric motor.
- A heavy duty slide system design allows proper cleaning brush position. Cleaning brush is easily positioned by two adjustable hand cranks.
- Door safety switch prevents machine operation unless doors are closed.
- Large viewing windows permit excellent operator view and control.
- UL and ULC approved components.

# See the VIDEO of these products at www.tsissg.com

# TC-300 WHEEL CRUSHERS



- Crush up to 120 steel wheels per hour
- Available in gas diesel or electric
- Optional Safety Cover Kit available
- Optional Trailer Light Kit available
- Optional Trailer Lights available





#### **PRODUCT FEATURES**

The TC-300 Wheel Crusher is our best selling wheel crusher and is powered by a 18 HP V-Twin Briggs & Stratton gas engine with electric start. An optional Kubota diesel engine or electric systems are also available. Dollar for dollar it's the best wheel crusher on the market today! The TC-300 Wheel Crusher is designed to crush passenger and light truck wheels, 19" and smaller at a rate of up to 120 per hour.

#### WHEEL CRUSHER OPTIONS



Optional Safety Cover Kit #6171



Optional Rolling Table Kit #6114

SPECIFICATIONS: 60" wide x 122" length x 48" height 2950 lbs shipping weight

# WHEEL CRUSHERS

See the VIDEO of these products at www.tsissg.com

# TC-350 WHEEL CRUSHERS





Control Panel







#### **PRODUCT FEATURES**

- The **TC-350 Wheel Crusher** is designed to crush over-the-road truck wheels including Dayton and Budd type wheels.
- Comes standard with a powerful Briggs
   Stratton 18 HP, V-Twin gas engine with electric start.
- Optional Kubota diesel engine is available.
- For safety purposes all equipment controls are located behind a heavy wire-mesh panel. The heavy wire mesh panel protects the operator during the wheel crushing operation.
- Equipped for towing, TC-350 is easily moveable to any salvage yard or holding site, eliminating the need of transporting the tires to the machine.
- Fully equipped with both electric brakes and trailer light package for night time towing.
- The TC-350 is easy to operate, requires low maintenance, dependable and designed for years of service.
- Complete factory training is available with each TC-350 wheel crusher.

SPECIFICATIONS: 67" wide x 189" length x 67" height 5500 lbs shipping weight

### MISSION STATEMENT

TSISSG products are designed and developed by experts in their respective industries. Our passion for designing and testing is second only to our drive for creating industry innovations and real world solutions which our customers can depend upon. With over 25 years of manufacturing experience we maintain the ability to provide competitive prices while employing and manufacturing in the USA. We are the manufacturer of virtually all our products so taking pride in workmanship and standing behind each and every product is not just our claim but our uncompromising responsibility.

## WARRANTY STATEMENT

TSI and SSG equipment is warranted to be free from defects in materials and workmanship for a period of one year from the date of original purchase to original owner. Repair labor is warranted for 90 days from date of original purchase. Bushings, blades, bearings and normal wear and tear are not covered under warranty. Careless handling, negligence, misuse, abuse, mutilation, improper operation, making unauthorized repairs, additions, and/or alterations automatically cancels this warranty and relieves TSI of any obligation. Cheetah tanks claimed to be defective while under warranty will be evaluated at our plant in Minnesota and either repaired if possible or exchanged and returned, or credit issued to account (our discretion). Damage resulting from dropping the tanks will not receive warranty consideration. Warranty parts need to be returned, prepaid, to the plant for credit; any replacement parts shipped from the plant will be shipped at the customer's expense. Machines requiring warranty work must be brought to the manufacturing plant in Monticello, MN or to a repair facility authorized by TSI/SSG.

# **RETURN POLICY**

#### !!WARNING!! Goods returned without RGA will be refused.

A Returned Goods Authorization form must be obtained before returning any material or goods. All non-warranty returns will be subject to a **15**% **restocking fee**, plus any additional charges for reconditioning/repackaging.





3451 South 40th Street, Phoenix, AZ 85040 | Toll Free 800.223.4540 | Fax 602.437.5025 www.tsissg.com



3451 South 40th Street, Phoenix, AZ 85040 | Toll Free 800.223.4540 | Fax 602.437.5025 www.tsissg.com

DISTRIBUTED BY: