

# TSS Sales Highlights

## Company history

- Started out in Ukraine 22 years ago. Moved our headquarters office to San Jose, CA USA and has become a competitive strapping tool manufacturer ever since.
- Teknika Strapping Systems is known for its innovation and improvement upon current existing functionalities. All of Teknika Strapping Systems' products have been created to take a specific issue and improve upon it. **We only design tools that the market sees the need for innovation.** This being the reason why we do not carry tools under on MUL name that resemble the generic brand. That market is already established and there is nothing to improve upon.
- Our manufacturing facility contains the newest state of the art C&C machines combined with high end casting allows Teknika Strapping Systems to have an edge on cost and compete with quality such as FROMM, Orgapack, and Signode while providing competitive pricing.
- **Teknika Strapping Systems mission is to build strong, long term relationships with our partners and delivery the excellent service we are known for.**

## What Makes Teknika Strapping Systems Different

- Design tools that need innovation only
- **Holder of market leading patents on tool design.**
- Everything is made in house, Casting, C&C, Assembly, etc.
- **Zero Lead time**
- All tools and parts are in stock and available from San Jose, CA
- **Manufacture tools that last, so there is no premium on parts**
- Incomparable Customer Service
- We work with distributors only

## Tool History

### Steel:

Steel strapping tools were the foundation Teknika Strapping Systems was built on. Our established sealless combination tools have a worldwide recognition spanning over the past two decades as one of the most reputable tools on the market. Teknika Steel combination tools, tensioners, and sealers have been showcased and have proven their quality and reliability time and time again.

### Cord:

Teknika Strapping Systems has collaborated with cord and lashing manufactures to develop our industry leading manual Cord and Lashing tools. Teknika's design approach allowed us to manufacture some of the most innovative tensioners that have established a dominant presence in the Cord and Lashing market and advanced the industry.

### Polyester:

Ease of operation, user friendliness, and consistency define Teknika Strapping Systems' Polyester tools. Our tools are known for providing utmost comfortable and ergonomic support alongside with some of the strongest tensioning abilities on the market. Our Polyesters tensioners, sealers, and combination tools substantially increase worker efficiency and ensure cargo is secured correctly and safely.

### Polypropylene:

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## Patents:

- **Return Mechanism on Windlass - 320,335,341**
  - the windlass is automatically returned to the optimal strap loading position after each use
- **Vertical Gripper Motion - 320,325,350,351,370,375,395**
  - Creates a buffer between the gripper and foot not allowing them to touch
  - Reduces the amount of force needed to take the tool of the strap
  - Minimizes strap damage
- **Symmetrical Jaws - 330,331,381**
  - Allows to operate the sealer with no regard to the orientation of the seal.
  - Highest Joint efficiency on the market achieved by innovative jaw design and joint pattern.
- **Reversible Dies - 16,20**
  - Only the bottom die needs to be replaced while the top two only need to be flipped.
  - Doubles the life of the dies and is one third the cost for replacement.

# Steel Tools

NAME	MUL-16 STEEL Regular Duty Sealless Combo	MUL-20 STEEL High Tensile Sealless Combo	MUL-420 STEEL HD Feed wheel Tensioner	MUL-430 STEEL 1 1/4" HD Dual-Action Sealer
STORY	Established Tool of the Company. Extremely Cost Efficient. <b>Established and Economical.</b>	Original Design based on two decades of combined worldwide field experience feedback from distributors and end users. <b>Best Seller.</b>	Made a tensioner that has easy access to wearable parts and maintenance.	Designed with the goal to reduce the effort needed to seal a giant 1 ¼ seal for steel strapping while still being a tool used for heavy duty applications. <b>One of a kind.</b>
HOOK	<i><b>Benefits:</b> Cost effective solution for steel combo tool.</i> <i><b>Features:</b> Established on the market</i>	<i><b>Benefits:</b> Lowest cost of ownership on the market amongst combination tools.</i> <i><b>Features:</b> Specifically designed for High Tensile.</i>	<i><b>Benefits:</b> Extreme Tension application</i> <i><b>Features:</b> Effortless and Ergonomic design</i>	<i><b>Benefits:</b> Broadens the spectrum of users capable of operating such a tool</i> <i><b>Features:</b> Reduces sealing effort by 50% with dual action jaws.</i>
DETAILS	<ul style="list-style-type: none"> <li>• Cost Efficient Reversible dies for double life and 1/3 replacement cost.</li> <li>• Small Footprint for universal application.</li> <li>• Cost Effective solution for a combo</li> </ul>	<ul style="list-style-type: none"> <li>• Simplest tool to adjust, replace parts, and fix, you only need an Alan wrench and a screwdriver.</li> <li>• Flip the guides for use on a different strap width.</li> <li>• Vertical and Horizontal Application</li> </ul>	<ul style="list-style-type: none"> <li>• German needle bearings for smooth tensioning.</li> <li>• Adjustable guides for different strap width.</li> <li>• Simple removal of feed wheel housing</li> </ul>	<ul style="list-style-type: none"> <li>• <u>Patented Dual Action jaws</u></li> <li>• Allows for use on vertical surfaces</li> <li>• Reliable Double notch joint.</li> </ul>








# Cord/Lashing Tools

Name	MUL-325 Heavy Duty CORD Tensioner	MUL-375 Heavy Duty Wide CORD Tensioner	MUL-395 Heavy Duty Lashing Tensioner
Story	<b>Market Acknowledged</b> to be the best manual tool for cord strapping.	<b>Most Recognized</b> Cord tool available on the market. Known for its high end and reliable performance	<b>The Monster.</b> One of the only tools that works well for Heavy Heavy Lashing application. Cheap alternative to pneumatic tools that cost considerably more.
Hook	<p><b>Benefits:</b> Comfortable and Quick operation cycle, reduces fatigue on user.</p> <p><b>Features:</b> Patented windlass return mechanism for faster and reliable strap loading.</p>	<p><b>Benefits:</b> Reliable Load securement and easy operation</p> <p><b>Feature:</b> Design that allows to effortlessly take the tool off the strap</p>	<p><b>Benefits:</b> Competes directly with pneumatics</p> <p><b>Features:</b> Only manual Tensioner capable of pulling over 2,000 lbs of tension. Competes with Pneumatic tools</p>
Details	<ul style="list-style-type: none"> <li>• Most user friendly and ergonomically appealing tool</li> <li>• <u>Easily cuts all cord types, with or without tension.</u></li> <li>• Innovative vertical gripper mechanism releases strap without damaging it</li> </ul>	<ul style="list-style-type: none"> <li>• <u>Cuts all cord types with or without tension.</u></li> <li>• Patented vertical Gripper motion holds the strap without damaging it.</li> <li>• All Steel Construction for reduced damage from accidental drops.</li> </ul>	<ul style="list-style-type: none"> <li>• <u>Support system for operation on hanging strap.</u></li> <li>• Patented cutter design performs on all lashing types.</li> </ul>



# Polyester and Polypropylene Tools

	MUL-320 PET Tensioner	MUL-360 PP Tensioner	MUL-370 PET Tensioner	MUL-341 PP Combination	MUL-350/351 PET Combination
<b>Story</b>	<b>Most user-friendly.</b> Covers all the bases for a Polyester tensioner. Any end-user who has used this tool without a doubt has not switched back to anything else.	<b>The Little Beast.</b> Tool to replace generic entry level tensioners.	Created a tensioner that would exceed the current market standards on reliability and ease of use.	<b>The All in One.</b> This type of tools was not available on the market so we made one.	<b>Battery Replacement tool.</b> Combination tools are the basis of this company and creating a tool for plastic was just the next step in progression.
<b>Hook</b>	<b>Benefits:</b> Best end user reviewed Tool on the market. <b>Features:</b> Industry one of a kind patented <u>windlass return mechanism</u> .	<b>Benefits:</b> Maneuverable and mobile <b>Features:</b> World's Smallest Tensioner, can easily be used on a tool belt.	<b>Benefits:</b> Best tensioning performance on the market. <b>Features:</b> Vertical Gripper motion for reliable steel casting	<b>Benefits:</b> One of the only Combination tools on the market for Polypropylene. <b>Features:</b> Windlass return mechanism for easy strap loading	<b>Benefits:</b> Alternative and replacement for battery tools since it was made for speedy and consistent applications. <b>Features:</b> Unique sealing mechanism provides superior joint efficiency
<b>Details</b>	<ul style="list-style-type: none"> <li>Innovative <u>Vertical Gripper motion</u> holds the strap, gripper does not actually touch the foot. This prolongs the life of the gripper foot and wearable parts.</li> </ul>	<ul style="list-style-type: none"> <li>Tiny footprint, very light weight, only 2.6 lbs.</li> <li>Has the least amount of moving parts so the tool never needs to be repaired</li> </ul>	<ul style="list-style-type: none"> <li><u>Vertical gripper motion</u> allows for greater holding power</li> <li>Durability at its finest, high end all steel casting to minimize damage from accidental drops</li> </ul>	<ul style="list-style-type: none"> <li>Patented <u>windlass return mechanism</u>, lines up the windlass for easy and reliable strap loading</li> <li>Original sealing mechanism provide a superior joint.</li> <li>Works with ST-340 seals</li> </ul>	<ul style="list-style-type: none"> <li>Works with market available serrated seals</li> <li>Can be used on vertical and horizontal surfaces.</li> <li>Superior joint strength</li> <li>Unique sealing mechanism provides superior joint strength.</li> </ul>
					

# Polyester and Polypropylene Tools

	MUL-330 5/8" PET Sealer	MUL-331 1/2" PET Sealer	MUL-381 3/4" PET/PP Sealer
<b>Story</b>	<p><b>Fool Proof</b> Took what was already available on the market and improved upon it to make a sealer that is more durable, more efficient, and more user friendly.</p>	<p><b>Fool Proof</b> Took what was already available on the market and improved upon it to make a sealer that as more durable, more efficient, and more user friendly.</p>	<p><b>Market Only Adjustable Sealer</b> Previous model of the sealer kept coming back with broken jaws and the cause was the changes in strap thickness where creating excess stress on the jaws. To cope with the issue Teknika developed a sealer with adjustable jaws.</p>
<b>Hook</b>	<p><b>Benefits:</b> Eliminate the need to orient the tool on non-symmetrical seal, thus eliminating user error and providing a secure joint. <b>Features:</b> Patented staggered symmetrical Jaws</p>	<p><b>Benefits:</b> Eliminates the need to orient the tool on non-symmetrical seal, thus eliminating user error and providing a secure joint. <b>Features:</b> Patented staggered symmetrical Jaws</p>	<p><b>Benefits:</b> One sealer for different strap. <b>Features:</b> Only sealer on the market adjustable to strap thickness 0.040", 0.050", 0.060".</p>
<b>Details</b>	<ul style="list-style-type: none"> <li>• Unique design requires minimal clearance between seal and strap</li> <li>• Reliable construction ensure longevity of the sealer</li> <li>• Cam action jaws reduce sealing effort</li> </ul>	<ul style="list-style-type: none"> <li>• Unique design requires minimal clearance between seal and strap</li> <li>• Reliable construction ensure longevity of the sealer</li> <li>• Cam action jaws reduce sealing effort</li> </ul>	<ul style="list-style-type: none"> <li>• Unique jaw design and side action motion reduces sealing effort.</li> <li>• Specifically design to endure the most demanding heavy duty applications</li> </ul>
			