



# THE ONE PRESS® SWAGING SYSTEM





# STRIDER~RESOURCE

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# INTERATIONAL PATENTS

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- USA ~ 6032338
- USA ~ 5816094
- Canada ~ 2172267
- Australia ~ 679562
- Belgium ~ 0720707
- Germany ~ 69407193-5
- Great Britain ~ 0720707
- Malaysia ~ 9402496
- Netherlands ~ 0720707
- Singapore ~ 49807
- South Korea ~ 3666667
- Sweden ~ 0720707





The One Press<sup>®</sup> Swaging System is the fastest and most reliable method of swaging Flemish eye wire rope slings in the world.

The patented One Press<sup>®</sup> Swaging System swages carbon steel sleeves from 1/4" up to and including 1-1/2" onto Flemish eye wire rope slings in only one press.





## FLEMISH EYE SPLICE

One Press® Sleeve on Flemish Eye ~ Top

Example of Flemish eye splice ~ Bottom





**The One Press® Swaging System** consists of the unique combination of One Press® Sleeves and One Press® Dies.

Available from 1/4" up to 1-1/2"

The distinct polygon shapes of the One Press® die cavity and the sleeve outer wall interact while swaging so that the metal flows to form a completely swaged sleeve in just one press.

The One Press® Sleeve changes from a 12 sided dodecagon to a 6 sided hexagon when swaged, producing an easily identifiable, flash-free sleeve.

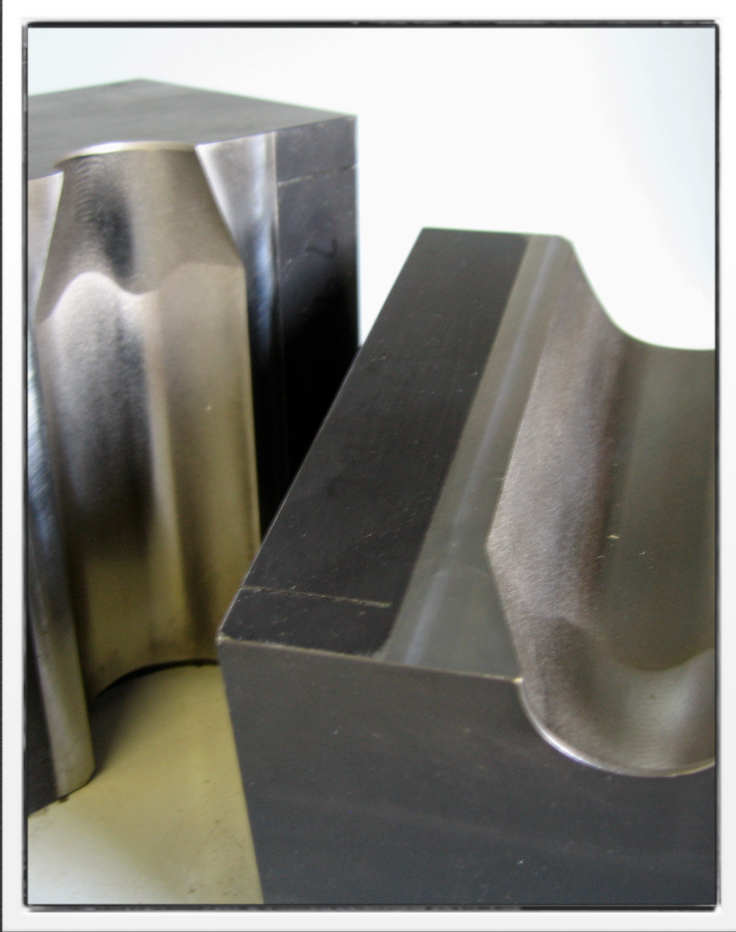


# ONE PRESS<sup>®</sup> SLEEVES

PATENTED CARBON STEEL  
ONE PRESS<sup>®</sup> SLEEVES ARE  
MADE AND STOCKED IN THE  
USA AND WORLDWIDE







# ONE PRESS<sup>®</sup> DIES

PATENTED ONE PRESS<sup>®</sup>  
DIES ARE CONSTRUCTED OF  
HIGH GRADE STEEL TO  
EXACT TOLERANCES.





The One Press® Swaging System of sleeves and dies works best in modern precision swagers such as **Universal™** and **Smart™** Swagers available from stock from Strider~Resource.



# UNIVERSAL™ SWAGERS

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- Modern Precision Swagers available from 385 Tons up to 1500 Tons.
- Universal Die Pocket accommodates all swaging types, including One Press® and standard multi-press.
- Die pocket rotates 360°.
- Safeguards, including key operation, warning lights and caution labels.
- Oversized pressure guage and regulating valve.
- Electronic covered foot pedal.
- Convenient tool rack and work bench.

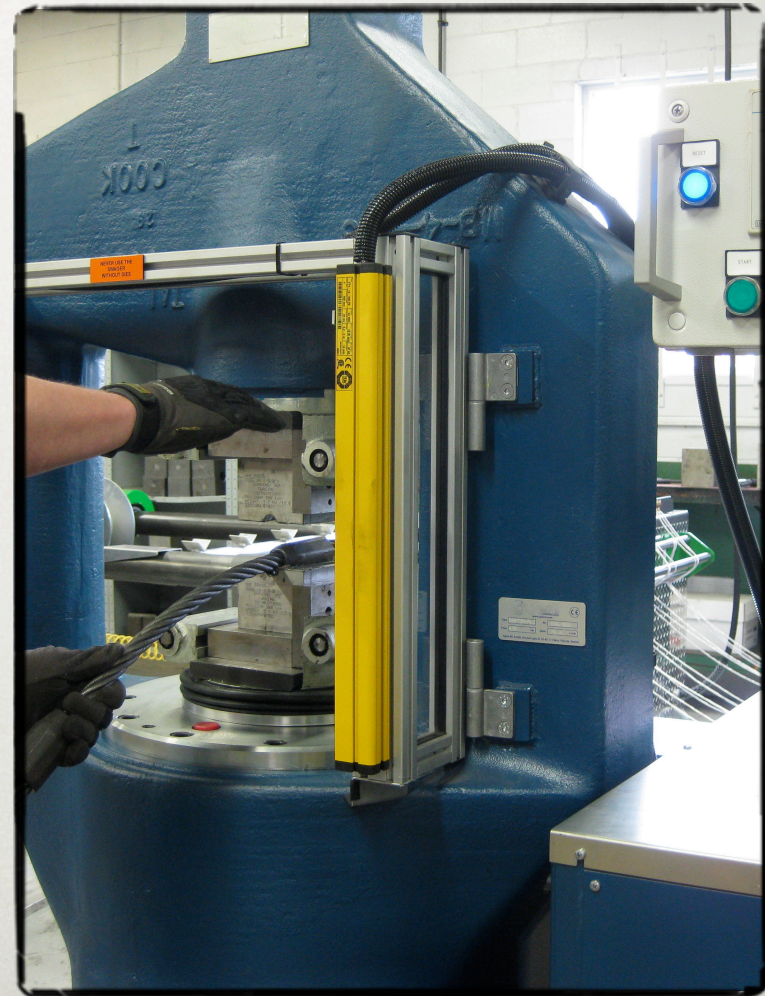




# SMART™ SWAGERS

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- Point of operation guards allow the operator to swage the full range of wire rope slings without risk of injury caused by pinch points. The system automatically stops when the operator gets too close, and easily resets to continue swaging.
- PLC records number of swages and operational hours, monitors system levels and provides maintenance alerts.
- Pump and motor are fully enclosed and insulated. The swager operates at a very low noise level of 60-68 dB.
- Convenient tool rack and work bench.





Strider~Resource has designed Universal™ and Smart™ Swagers based on both the stringent fabrication requirements of carbon steel wire rope slings as well as international codes and standards.

Many unique features have been incorporated which enhance fabrication, ergonomics, efficiency and, at all times consider the safety of the operator and those in the surrounding area.





## TECHNICAL SUPPORT & SERVICE

STRIDER~RESOURCE PROVIDES  
BOTH REMOTE AND ONSITE  
TECHNICAL SUPPORT AND  
SERVICE FOR ALL UNIVERSAL™  
AND SMART™ SWAGERS.

COMMON REPLACEMENT PARTS  
ARE IN STOCK FOR IMMEDIATE  
DELIVER AND CAN TYPICALLY BE  
SOURCED LOCALLY.





**Strider~Resource** stocks a range of swagers for immediate delivery. Swagers are set to specified electrics and cycle tested prior to shipping.

Strider stocks the full range of One Press® Sleeves in the USA, Canada, and Worldwide, ensuring consistent and reliable delivery.

One Press® Sleeves undergo strict testing and inspection that far exceeds industry standards and ensures the best quality product.





# SYSTEM ADVANTAGES

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- Swaging a carbon steel sleeve onto a Flemish eye wire rope sling in only One Press® has numerous advantages.
- The One Press® Swaging System is 100% efficient.
- There is no need for rotating the sleeve or assembly, or multiple closings of the dies.
- Second stage dies are not required.
- The time and labour savings realized by utilizing The One Press® Swaging System is significant.







- Swaging in One Press® eliminates the awkward handling of assemblies, increasing safety and ergonomics.
- Multi-leg bridle slings do not have to be manipulated as they do when multiple swaging the sleeves.
- The operators exposure to pinch point hazards is significantly reduced.
- A sleeve, when only swaged once, prevents the work hardening of the metal and the potential for wire damage possible with multiple swages
- There is no allowance for errors. The right rope must be used with the right sleeve in the right dies.
- Mistakes can not be concealed through multiple swaging.



# Time Comparison

- The One Press® Swaging System is the only fully integrated swaging system in the world.
- This ensures the integrity of the final product ~ without compromise.
- The One Press® Swaging System is the only system in the world that will swage a carbon steel sleeve onto a Flemish eye wire rope sling in one press.
- The significant time savings reduce labour costs, injury loss, electrical consumption, and wear on the swager and dies.

Sleeve	One Press®	Round
1/4"	4	
5/16"	4	
3/8"	5	
7/16"	5	
1/2"	7	
9/16"	7	
5/8"	10	
3/4"	10	
7/8"	12	
1"	13	
1-1/8"	15	
1-1/4"	15	
1-3/8"	16	
1-1/2"	17	

Time in seconds to completely swage a carbon steel sleeve onto Flemish eye



The One Press® Swaging System is ideal for shops that are doing large production orders as well as shops that need to make a single sling quickly for an immediate order requirement.

Less inventory of wire rope and finished products are required to provide customers with the same fast and efficient service.

Swaging verification is simplified as the before and after shapes are visually and physically different.

The unique shape of the One Press® Sleeve provides flat surface areas to facilitate positive marking and identification which remains after swaging.



If your company is having production bottleneck issues, workplace safety problems, wants to save money on labour and electricity, or simply wants to modernize in order to stay competitive in today's global market, the One Press® Swaging System may be right for you.

Inquire to see if One Press® Dies will work in your current swager.





# THE ONE PRESS® SWAGING SYSTEM

REFERENCES AVAILABLE UPON REQUEST.