

The original
mechanical splicing systems.



Swagers
Large range

TALURIT™

Large range swagers

Our large swagers are designed to handle the largest wire rope. With optional equipment like rigging device to form the eye and lifting yoke to change dies a single operator can manage the whole operation!

Despite their size the noise level of these machines is only 74 dB (A).

The Swager body is manufactured from one single block construction that ensures strength, long service life and a minimum of maintenance. All swagers are thoroughly test run and are supplied with a full tank of oil.

The machine is equipped with a powerful two-stage hydraulic unit controlled by solenoid valves. Operation is extremely easy since an electrical foot pedal permits the operator to use both hands when swaging. In addition to the normal up/down function the foot pedal has a "hold" position to facilitate rope/eye adjustment and to make tool set-up quicker. To optimize and quality secure the operation, the maximum swage load can be pre-set with automatic return of the piston. The start position, (opening between the press dies) is adjustable. All these features save time and unnecessary movements for the operator. When left un-used the resource saving automatic shut down will turn off the machine, but is easy to start again by pressing down the foot pedal.

Soft starter is standard for these large machines.

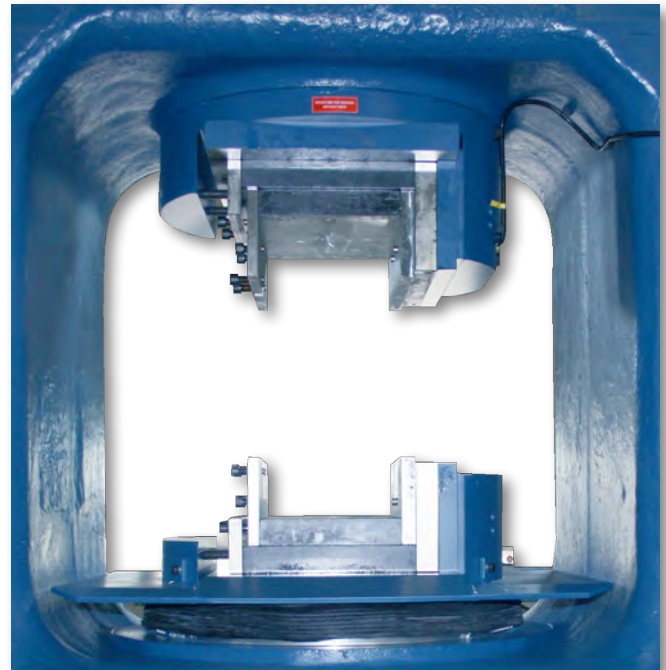
With insert die holders even smaller dies can be used. To compensate the weight of a smaller lower die, the valve house can be adjusted to prevent the piston from drifting.



3 700 ton swager



2000 ton swager



Ample working space

Standard equipment

Powerful, efficient and very easy to use! The simplicity lies first and foremost in the pedal with hold position. When swaging the operator can pause the closing dies, adjust the assembly wire rope and ferrule and then resume swaging.

Saving time is essential. The stroke limiter narrows the distance between the dies and thereby shortens the operation. Even the automatic return saves time and unnecessary movements for the operator. Together with the automatic shut down these features save resources.

Environmental care is always in our mind when we launch a new product.

- **Hold position - Pedal**

When activated in the foot pedal the operator can pause the operation to adjust the wire rope assembly.



- **Automatic shut down - PLC**

Resource saving electric shut down. Easy to start again by pressing the foot pedal.



- **Stroke limiter - Timer**

Efficiency. Opening between dies can be reduced. With a small opening cycle time is shorter.



- **Automatic return - Electrical manometer**

Time is saved efficiently! By performing an oil drop test to find the correct pressure and then setting the manometer, the swaging operation breaks once the ferrule is swaged and the piston returns automatically. The operator just presses the pedal down!



Your choices

Lifting Yoke

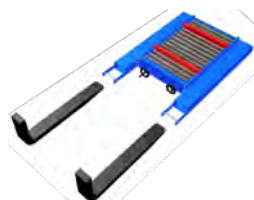
Changing die is a heavy and dangerous work, considering that a single die for the largest swager weighs more than 300 kg.

The Lifting yoke is a safe construction, where one operator can manage changing dies. This is a specialised lifting equipment for medium sized and large swagers. Hanged in a crane it easily moves the dies to be mounted. The lower die hangs under the shelf of the lifting yoke, see picture. The upper die is rolled onto the shelf and is lifted into position.



Lifting table

The table works as the Lifting yoke, but uses a forklift instead of a crane.



Rigging device, RBS

Traditional swaging with large diameter wire rope has required a handful of people to assist the swaging.

Acting as a mechanical assistant, the RBS is the best way to deal with the heavy, labour intensive, time consuming and, sometimes dangerous work of forming a sling eye using large diameter wire rope. As it is directly mounted onto the swager, (with the dies already holding the ferrule in place), it is very effective and cost efficient, allowing a single operator to easily and safely handle the whole operation. This tool also simplifies the whole process by putting emphasis on sling eye shape and accuracy.



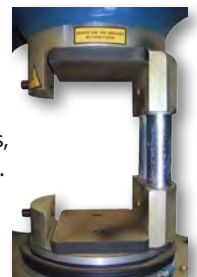
Rigging Device mounted on our 3 700 ton swager

Place the ferrule between the press dies and apply just enough pressure to hold it in place. Using the hydraulic controls the wire rope is drawn between the gripping plates of the pulling part, through the ferrule and then into the gripping plate of the rotating part. This section of the unit forms the sling eye and directs the wire rope end back through the ferrule. The pulling part then easily tightens and finally shapes the eye to the correct size. The wire rope is now set for swaging.

When not in use the RBS unit can be neatly folded to the side to save space.

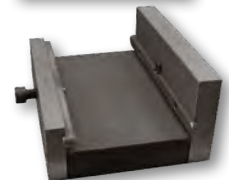
Die holder with pillar guide

Recommended when swaging Flemish eyes, terminals and sockets due to eccentric load.



Insert die holder

These are used when swaging with smaller dies than standard dies.



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Die Rack

The rack for dies is designed for storage and easy accessibility, especially when using the Lifting yoke or the Lifting table.







SWAGER	P 2000T 2S	P 3700T 2S
Max. swaging force (kN)	20 000	37 000
Type of die	G0 (6"x12") (D, E, E1, 4"x7", 5"x7" with insert die holders)	L (E, E1, F, G, G0 (6"x12"), H, K with insert die holders)
Swaging capacity		
-Single stage (T)	60	86
-Multi stage (T)	86	128
STT Sockets/Terminals (carbon steel)		
- Full shank	1 1/2"	3"
-Progressive	2 1/4"	
STC Flemish Eye sleeves (carbon steel)	4"	6"
Dimensions L*W*H (mm)	2585x1000x2310	2780x1380x2990
Weight (kg) (approx)	9 000 (10 000 with RBS)	21 000 (22 000 with RBS)



Values above are approximate guidelines

Always swage according to
Ferrule Securing Instruction!

Other optional accessories	Lifting yoke	Lifting table	Die rack
Contact us for more information!	Special tool for lifting dies. Hangs in an overhead crane.	Table for lifting dies into swager. Mount and secure on a forklift.	Storage for dies. Designed for lifting yoke.
			
	Talugrease	Holder for Talugrease	Digital calipers
	Splicing grease. Reduces required pressure and prolongs lifetime of dies.	To be mounted on swager. Holding Talugrease and brush.	Measures and stores data after swaging.
			


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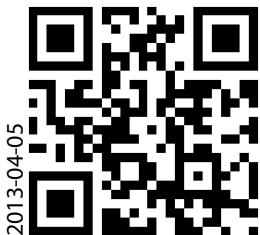
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