

For our environment:



- automatic power shut down
- adjustable distance between dies
- water-based paint

A powerful and versatile Swager for both turnback and Flemish eye swaging



Option: T-panel or T-panel EXT
A user-friendly touch screen for operating the Swager

P 600T 2S

- Powerful
- Versatile
- Reliable
- Safe
- User friendly
- Short process cycle time
- Environmentally friendly
- Automatic power shut down
- Compatible with many types of dies

600T SWAGER - TYPE 2S TALURIT™ SYSTEM

GENERAL DESCRIPTION

The Swager body is manufactured from one single block construction that ensures strength, long service life and a minimum of maintenance.

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 preset 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.

| FERRULES/FITTINGS | CAPACITY |
|--|--|
| T (aluminum) | can be swaged up to size 34 in single stage (up to size 40 multi-stage). |
| UM (aluminum) | can be swaged up to size 34 in single stage (up to size 42 multi-stage). |
| STT Sockets/Terminals (carbon steel) | can be swaged up to size 7/8", full shank (size 1 1/4" progressive). |
| TAL-X Flemish Eye Sleeves (carbon steel) | can be swaged up to size 1 1/2". |

Note! Values above are approximate guidelines

| EQUIPMENT | STANDARD | OPTIONS |
|------------------------|-------------------|---|
| Die holder | FIX D | • FIX D-GUIDE • FIX 4x7+ 5x7 GUIDE DUAL |
| Insert die holders | - | • VIN C-C1/D • VIN B1/C1 • VIN 2½" x 5"/D • VIN 2" x 3½"/D • VIN 2" x 3½"/4" x 7" DUAL • VIN 2½" x 5"/4" x 7" DUAL |
| Die holder orientation | Angular or square | - |
| Power | Power Pack 7,5 kW | Power Pack 11 kW |
| External Oil Cooler | - | Oil Cooler 600T |
| Noise Level | 72 dB(A) | Silencer 600T (approx. 70 dB(A)) |
| Extra safety equipment | - | Zone Guard 600T |
| Adjustable height | - | Height Adjuster |
| Touch Screen | - | T-Panel or T-panel EXT, user-friendly touch screens for operating the Swager. |
| Arm for T-panel | - | T-ARM - an arm for the T-PANEL could be added to make the work more ergonomic (can be moved depending on where the operator prefers to stand) |
| Rigging Device | - | • RBS 75 (Rotating and pulling) • RBS 75 P (only pulling) |



OPTIONAL EQUIPMENT

Die holders

FIX D
FIX D-GUIDE

can be mounted angular or square. Standard die holder. Dies are locked with bolts. Option. A special design of die holders for swaging Flemish Eye terminations and sockets, handling the eccentrically applied load. Dies are locked with bolts.

FIX 4x7/5x7 GUIDE

Option. A special design of die holders for swaging Flemish Eye terminations with 4"x7" and 5"x7" die blocks.

Die sizes

Die size D is standard. With optional die holder as base, die sizes 4"x7" and 5"x7" can be used.

Insert die holders

With optional insert die holders smaller dies can be used:

- VIN C-C1/D for dies size C and C1
- VIN B1/C1 together with VIN C-C1 for dies size B1
- VIN 2,5" x 5"/D for dies size 2½"x 5"
- VIN 2" x 3½"/D for dies size 2"x3½"
- VIN 2 x 3½/4 x 7 DUAL for dies size 2"x3½"
- VIN 2½ x 5/4 x 7 DUAL for dies size 2½"x 5"

Power (POWER PACK 11)

Choose between 7,5 kW (standard) and optional 11 kW. The optional 11 kW will make the swager significantly faster.

Noise level (SILENCER 600T)

The noise level with 11 kW power is approximately 72 dB(A) at 50 Hz on idle running and less for 7,5 kW. Optional SILENCER 600T with extra insulation can reduce the noise level to less than 70 dB(A).

Oil cooler (OIL COOLER 600T)

If the swager is running continuously in very warm climates, we are able to offer an additional oil cooler.

Adjustable height (HEIGHT ADJUSTER)

Standard working height is 1230 mm. With this option the working height can be adjusted from 1290 to 1490 mm.

Zone guard (ZONE GUARD 600T)

Focus on extreme personal safety. If the hands of the operator come near the closing dies, the machine stops automatically. The diameter of the wire rope is taught in at the operator's panel. The ZONE GUARD measures the diameter continuously. If anything larger, e.g. a hand is within the frame of the ZONE GUARD, the swager stops. Note! Only square mounted die holders are applicable when the swager is fitted with ZONE GUARD.

Rigging Device (RBS 75 and RBS 75 P)

Mechanical assistant for forming of turnback terminations. RBS 75 has both rotating and pulling parts. RBS 75 P consists of a pulling part. Note! Only square mounted die holders are applicable.

Touch Screen (T-PANEL)

Optional user-friendly touch screens for operating the Swager.

Touch screen extended (T-PANEL EXT 1)

This user friendly touch screen is an extended version of the standard T-panel. The unique thing about the extended T-panel is that it has a recipe handling system to store the different swaging cycles. The different swaging cycles can contain multiple stages that will be repeated by only using the foot pedal the number of times the swaging cycle consists of. The T-panel EXT handles both metric and imperial measurements.

Arm for T-PANEL or T-PANEL EXT (T-ARM)

When adding a T-PANEL to the swager it is possible to put it on an arm to make the operation more flexible and ergonomic. With this arm on the swager the T-PANEL is able to move depending on where the operator prefers to stand while swaging.

Art No.

P 600T 2S

TECHNICAL DATA

| | | SWAGER WITH POWER PACK 7,5 KW | SWAGER WITH POWER PACK 11 KW |
|--|-----------------|--|--|
| Max swaging force | | 6000 kN | 6000 kN |
| Max. fluid pressure | | Approx. 475 bar | Approx. 475 bar |
| Power | | 7,5 kW | 11 kW |
| Rated current at 240/400 V | | 24,3/14,6 A | 35/21 |
| Length of stroke | | 60 mm | 60 mm |
| Die sizes | | D (4"x7" and 5"x7")* (C, C1, B1, 2½" x 5", 2" x 3½")** | D (4"x7" and 5"x7")* (C, C1, B1, 2½" x 5", 2" x 3½")** |
| Piston velocity | - high pressure | 1,1 mm/s (1,3 mm/s for 60 Hz) | 2,3 mm/s (2,7 mm/s for 60 Hz) |
| | - low pressure | 7,7 mm/s (9,3 mm/s for 60 Hz) | 9,5 mm/s (11,3 mm/s for 60 Hz) |
| Amount of oil (oil is not delivered with the machine) | | 115 l | 115 l |
| Dimensions L x W x H | | 1975 x 720 x 1865 mm | 1975 x 720 x 1865 mm |
| Standard working height | | 1230 mm | 1230 mm |
| Weight | | approx. 2100 kg | approx. 2270 kg |
| * These dies can be used with optional base die holder ** These dies can be used with insert die holders | | | |