



**Handy Swager  
with lots of  
power in a  
compact format!**

- Portable
- Powerful
- Economical
- Versatile
- Reliable
- User friendly
- Short process cycle time
- Automatic shut down
- Environmentally friendly
- Compatible with size A and A1 dies
- Quick couplings on all hydraulic hoses

#### Optional Features

- Hold position
- Automatic return
- Pressure presetting

## 40T 1-PILLAR SWAGER TALURIT® SYSTEM

### GENERAL DESCRIPTION

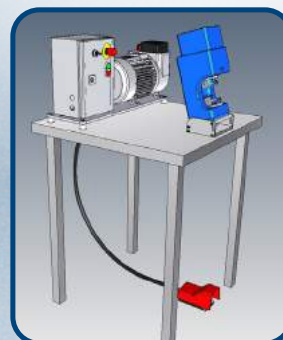
The 40 ton swager has a single pillar open design and can be used either vertically, horizontally or upside down. Options such as a stabilizing plate or a tilted adjustable stand are available. The 40 ton swager offers total flexibility and is easy to use in the field due to its light weight and easy operation.

The 40 ton swager is both efficient and safe! It has the capacity to swage T ferrules up to size no. 9 in single stage swaging, and up to size no. 13 in multi stage swaging. Can be used with die sets from TALURIT in A and A1 block sizes. All dies are manufactured from hardened and tempered steel for a long service life, durability and excellent swaging results.

SWAGER Art No: P0040T 1P		TECHNICAL DATA	
Max. Swaging force	400 kN		
Max. oil pressure	700 bar		
Length of stroke	22 mm		
Dimensions (L x W x H)	146 x 146 x 340 mm		
Weight, approx.	37 kg		
TYPE OF DIES:	A (38x42)	A1 (38x50)	
Capacity single stage	8 (T-ferrule)	9 (T-ferrule)	
Capacity multi stage	10 (T-ferrule)	13 (T-ferrule)	
OPTIONS:			
Handle	Art No: 40T HANDLE		
Stabilizing plate	Art No: 40T STAB PLATE		
Adjustable stand	Art No: 40T ADJ STAND		
MA 800 - Pressure Gauge	Art No: MA 800		
Fastening nut for eccentric load (for example TAL-X and swaged terminals)	Art No: A2 ECC		



The 40 ton Swager is available in many designs: Horizontal, vertical, upside down, free standing or mounted on a bench, etc.



The 40 ton Swager fitted with an electrical hydraulic unit.

## OPERATIONAL INFORMATION

There are many different ways to use the 40T swager. Either a handpump or three different electrically powered hydraulic units can be attached to complete the system;

1. The hand pump, HAGG P59L-40, is operated by pushing the handle manually.
2. The basic unit (HAGG 1,5/700-X-V1) offers the standard up/down function.
3. The multifunctional unit (HAGG 1,5/700-X-V2) comes with both up/down function and "hold position" to facilitate rope/eye adjustment and to make tool set-up quicker. To minimize cycle time when swaging, the HAGG 1,5/700-X-V2 is also equipped with a stroke limiter that allows control of the die opening when operating the swager.
4. The High-pressure compact power unit (HAGG 2,2/700-X) is available in both V1 and V2 and has the same features as the multifunctional hydraulic unit with some exceptions, such as cycle time and noise level (see table for more info).

All hydraulic units are operated by an electrical foot pedal, allowing the operator to use both hands when swaging. Pressure is set by a pressure valve. When the swager is left unused, the automatic shutdown feature will turn the the swager off. The swager is easily restarted by pressing the electrical foot pedal.

Another option is the MA 800 pressure gauge which can be fitted to the swager or the electrical hydraulic unit. By setting the required pressure on MA 800, the piston returns automatically once the preset pressure is reached. This saves time and unnecessary movements for the operator and prolongs the service time for the dies. All hydraulic hoses come with quick couplings for easy handling and quick setup of the swager.

HANDPUMP	TECHNICAL DATA
Art No: HAGG P59L-40	
Max. fluid pressure	700 bar
Weight	4,1 kg
Dimension (L x W x H)	535 x 121 x 178 mm
Hose with quick coupling	800 mm

ELECTRICAL HYDRAULIC UNITS			TECHNICAL DATA		
Art No: HAGG 1,5/700-(1-5)			V1	V2	Value
Power supply and Nominal current at:	1	3x220-240/380-415V (50 Hz)	✓	✓	6,1/3,5 A
	2	3x250-280/440-480V (60 Hz)	✓	✓	6,2/3,6 A
	3	3x190-200V (50 Hz)	✓	✓	7,2 A
	4	3x360-415V (60 Hz)	✓	✓	3,6 A
	5	3x200-250V (60 Hz)	✓	✓	7,2 A
Power			✓	✓	1,5 kW
Cycle time <i>Single stage, full stroke</i>			✓	✓	8 s
Reservoir volume <i>Oil is not delivered with the machine</i>			✓	✓	3,7 l
Inlet/Outlet threads on couplings			✓	✓	1/4" BSPP
Noise level			✓	✓	65 dB (A)
Dimensions, L x W x H			✓	✓	650 x 215 x 310 mm
Weight, approx.			✓	✓	42,5 kg
Art No: HAGG 2,2/700- (X)			V1	V2	Value
Power supply and Nominal current at:		3x 230/400V, 50 Hz	✓	✓	10,2/5,9 A
Power			✓	✓	2,2 kW
Max. operating pressure HP			✓	✓	700 bar
Cycle time <i>Single stage, full stroke</i>			✓	✓	9,8 s
Reservoir volume <i>Oil is not delivered with the machine</i>			✓	✓	2,5 l
Noise level			✓	✓	78 dB (A)
Dimensions (L x W x H)			✓	✓	630 x 290 x 400 mm
Weight, approx.			✓	✓	41 kg
ALL			V1	V2	Value
Foot pedal			✓	✓	-
Hold position			na	✓	-
Stroke limiter			na	✓	-



## ONE SWAGER - SEVERAL OPTIONS

There are three general solutions which cover the most common types of use. The swager can also be customized depending on use if none of the solutions below apply to your swaging needs.  
(See options list or contact Talurit AB or your nearest distributor for more information.)



### A. FIELD SWAGER

The Field Swager is customized for field work and offers total mobility. It can be operated both horizontally and vertically.

It includes the following:

- Handle for easy lifting.
- Stabilizing plate.
- Hand pump P59L-40 which is operated by pushing the handle manually. It also comes with a 800 mm hose and quick coupling for easy connection.



### B. INDUSTRIAL SWAGER

The Industrial Swager is customized for operation in an industrial environment. Especially suited for serial production.

It includes the following:

- Adjustable stand
- MA 800 - Pressure gauge
- Multifunctional Hydraulic unit: HAGG 1,5/700-X-V2 comes with a 2000 mm hose and quick coupling for easy connection.

The Multifunctional Hydraulic unit is operated with an electric foot pedal equipped with "hold position" to facilitate rope/eye adjustment and to make tool set-up quicker. To minimize cycle time when pressing, the HAGG 1,5/700-X-V2 is also equipped with a stroke limiter that controls the retraction stroke length of the piston.



### C. MULTI SWAGER

The Multi Swager is customized for use in both industrial environments and field work.

It includes the following:

- Handle
- Adjustable stand
- MA 800 - Pressure gauge
- Stabilizing plate
- Hand pump HAGG P59L-40 also comes with a 800 mm hose and quick coupling for easy connection.
- Basic Hydraulic unit: HAGG 1,5/700-X-V1 comes with a 2000 mm hose and quick coupling for easy connection.

The Basic Hydraulic unit is operated by an electrical foot pedal with a standard up/down function.

## OPTIONS - Customize your swager

### STANDARD SWAGER

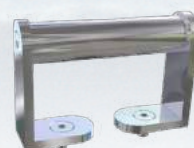
The standard swager is delivered without any additional accessories. The swager has a built-in grip and two mounting holes on both top and bottom. This means it can be fixed on a table, in one of the two upright positions. It can also be operated in a horizontal position. The standard swager is customized to operate two different sizes of dies. In addition it has two hydraulic connections depending on the wanted operational position.

Art. No: P 0040T 1P



### HANDLE

The swager can be delivered with a handle for easy transportation of the swager. When using the swager in an upright position without fixating the swager, it is recommended to use it together with the stabilizing plate.



Art. No: 40T HANDLE

### STABILIZING PLATE

We highly recommend to use the stabilizing plate when operating the swager without fixation. The stabilizing plate can be combined with the adjustable stand or together with the handle.



Art. No: 40T STAB PLATE

### ADJUSTABLE STAND

To get an easier and more ergonomical position when operating the swager it is recommended to use the adjustable stand. It is especially well suited for operating the swager upside down, which means you can keep your hands in a fixed position during the operation. The stand can be fastened on a table or used together with the stabilizing plate.



Art. No: 40T ADJ STAND

### MA 800 - OPTIONAL PRESSURE GAUGE

This optional pressure gauge shows the pressure during swaging and breaks the swaging sequence once the preset pressure is reached, and open the dies. MA 800 displays the value in bar.



Art No: MA 800

### DIE HOLDER

Add the spring loaded fastening nut A2 ECC to convert the die holder into a system suitable for swaging flemish eye sleeves and terminals. A2 ECC will make the dies float.



Art. No: A2 ECC



## OPTIONS - Customize your swager

### BASIC HYDRAULIC UNIT - V1

The basic electrical hydraulic unit is delivered together with the electrical cabinet on a base plate with rubber feet. The hydraulic unit is operated with a foot pedal which is equipped with the standard up/down function and maximum pressure is set by a pressure valve. The hydraulic unit can be combined with optional legs to be mounted on the floor. When left unused the automatic shut down turns the Swager off. It is easily started again by pressing down the foot pedal. Comes with 2000 mm hose and quick coupling for easy connection.

Art. No: HAGG 1,5/700 -X-V1



### MULTIFUNCTIONAL HYDRAULIC UNIT - V2

This hydraulic unit offers a foot pedal which is equipped with a "hold position" to facilitate rope/eye adjustment and to make tool set-up quicker. The retraction of the piston is limited by an adjustable time delay and maximum pressure is set by a pressure valve. When left unused the automatic shut down turns the Swager off. It is easily started again by pressing down the foot pedal. Comes with 2000 mm hose and quick coupling for easy connection.

Art. No: HAGG 1,5/700 -X-V2



### HIGH-PRESSURE COMPACT POWER UNIT

The High-pressure compact power unit (HAGG 2,2/700-X) is available in both V1 and V2 and has the same features as the basic and multifunctional hydraulic units with some exceptions, such as cycle time and noise level. Comes with 2000 mm hose and quick coupling for easyconnection.

Art. No: HAGG 2,2/700 -X



### FIXED LEGS FOR HYDRAULIC UNIT

The fixed legs are customized for the existing fixing holes in the plate for the hydraulic unit. The legs enables the operator to place the electrical hydraulic unit in an ergonomically correct position and facilitates the adjusting of the hydraulic pressure for the swager.

Art. No: 40T FIXED LEGS



### HAND PUMP

This optional hand pump can be installed onto the swager for a more mobile solution. The hand pump is fitted into one of the two hydraulic connections and is operated by pushing the handle manually. Comes with 800 mm hose and quick coupling for easy connection.

Art. No: HAGG P59L-40



### DIES

The 40 T swager can be fitted with two types of dies: Type A and type A1. With type A it is possible to swage ferrules up to size 8 in single stage and up to size 10 in multi-stage. With type A1 it is possible to swage ferrules up to size 9 in single stage and up to size 13 in multi-stage.

**Dimensions:** A = 38 x 42 mm (Height x Width) Length is variable.  
A1 = 38 x 50 mm (Height x Width) Length is variable.

Art. No: A R XX, A1 R XX (XX equals the size of the ferrule)





#### **Talurit AB**

Amalia Jönssons Gata 29  
421 31 Västra Frölunda  
Sweden

Phone: +4631 709 30 80  
Service: +46 31 709 30 93  
Fax: +46-31 47 10 71  
E-mail: [info@talurit.se](mailto:info@talurit.se)  
Website: [www.talurit.com](http://www.talurit.com)



#### **Talurit (UK) Ltd**

R-Evolution Gateway 36  
Unit 3 Kestrel, South Yorkshire  
Birdwell, Barnsley, South Yorkshire  
ENGLAND S70 5SZ

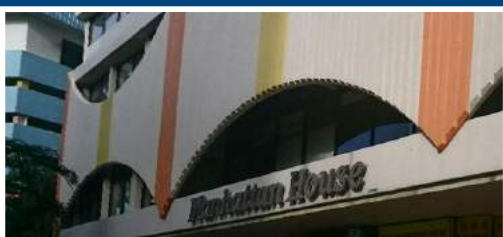
Phone: +44 1226 369960  
E-mail: [info@talurit.co.uk](mailto:info@talurit.co.uk)  
Website: [www.talurit.com](http://www.talurit.com)



#### **Talurit GmbH**

Carl-Benz-Strasse 1  
78244 GOTTMADINGEN  
Germany

Phone: +49 7731 97030  
Fax: +49 7731 970317  
E-mail: [info@talurit.de](mailto:info@talurit.de)  
Website: [www.talurit.com](http://www.talurit.com)



#### **Talurit Pte., Ltd**

151 Chin Swee Road #03-30  
Manhattan House  
169876 Singapore

Phone: +65 6732 0295  
Fax: +65 6732 0297  
E-mail: [enquiry@talurit.sg](mailto:enquiry@talurit.sg)  
Website: [www.talurit.com](http://www.talurit.com)



#### **Talurit Machinery (Ningbo) Co., Ltd**

2-101, No. 8 Xingye Avenue, NFTZ  
Beilun District, Ningbo City 315899  
China

Phone: +86 574 8630 8590  
Fax: +86 574 8630 8591  
E-mail: [enquiry@talurit.sg](mailto:enquiry@talurit.sg)  
Website: [www.talurit.com](http://www.talurit.com)

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