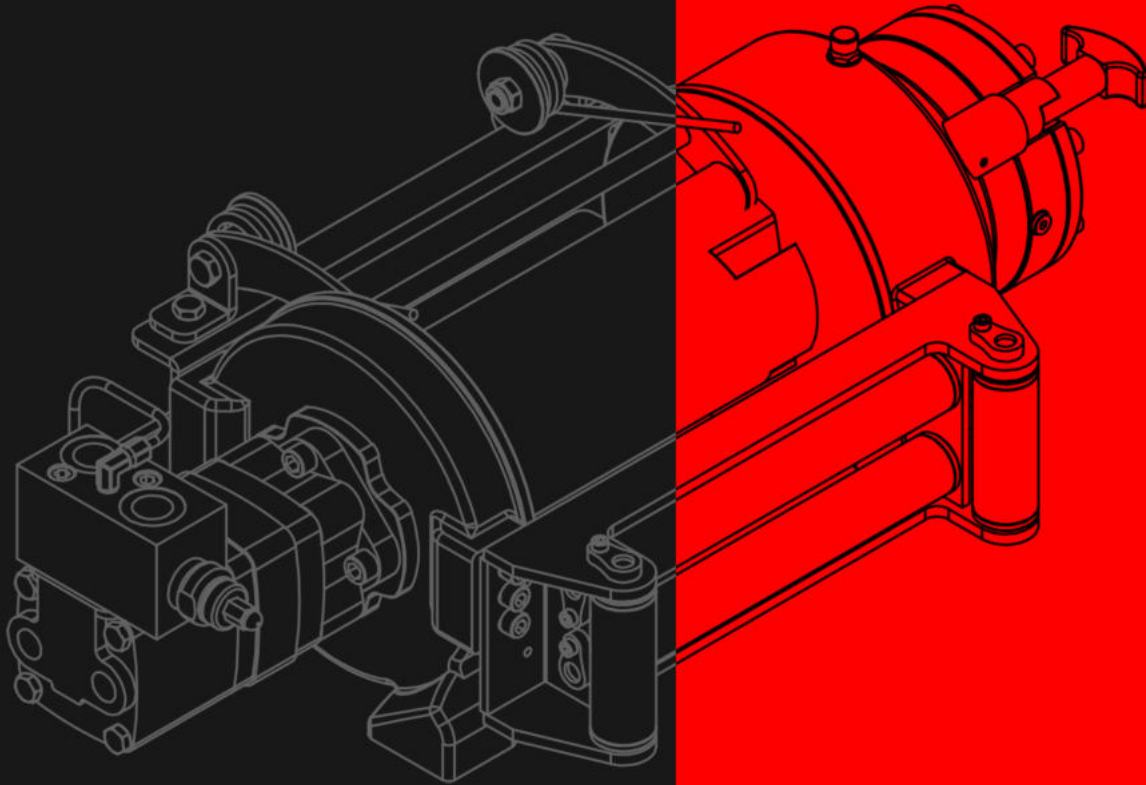


Quality.  
**Strength.**  
Durability.



**HAMMER**

**WINCH**



## WHO ARE WE?

Hammer Industry, founded in 1982 in a modest workshop in Ankara under the name Altınçekiç, continues its efforts to become a world brand in the winch industry today.

Our company, which has adopted the principle of producing technology and being among the best in its sector since its establishment, developed the hydraulic winch for the first time in the country and made it ready for production in 2003, and started mass production of winches under the brand of Hammer Winch.

Hammer Winch's production facility is the largest industrial complex in its sector, exports hydraulic winches to many countries on 7 continents by attaining success in the global markets after it had success within Turkey, thanks to its world-class production mentality and innovative vision.

Hammer Winch constantly improves the effectiveness of its Quality Management System, and its products, tested under the toughest conditions, are chosen mainly for civilian use in addition to many strategic and military projects.

With its wide technological infrastructure, it aims to add value to its brand in this field by making use of domestic and foreign resources and using all the possibilities of modern technology.

Hammer Winch will always continue to offer the best quality with its expert staff consisting of experienced personnel in the sector and its reliable image.

## MISSION - VISION

To meet the needs and expectations of the sector at a high level, to enter the international competition by producing hydraulic winch technologies, and to offer high standard products with the best quality to our customers all over the world.

To make HAMMER WINCH a world brand with an innovative, sustainable, high quality production approach.

Since  
2003

**HAMMER WINCH**

Quality.  
Strength.  
Durability.



# R&D and P&D

As a brand that leads the sector, Hammer Winch manages the product development processes with its own R&D Center.

It expands its R&D and P&D studies with its understanding that attaches importance to innovation, and thus, in the products it develops; It constantly improves qualities such as technology, weight, design, ease of assembly and durability.

## Existing Product Improvement

Apart from our own R&D and P&D activities, our company also takes into account the feedback from our customers regarding the use and performance of the products, analyze the notifications made in order to increase the performance of the existing products and to provide added value, to eliminate the detected problems and research to improve the existing products, carries out development and design work.

## New Product Development

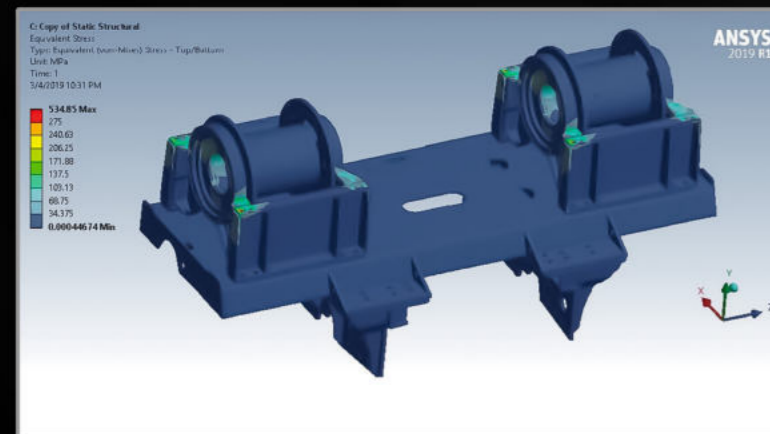
In our company, new product targets to be added to the product portfolio next year are determined by taking the Global Market Research studies as a reference, and research, development and design studies are planned and carried out in this direction.

The R&D center carries out its studies on choosing the right material and making the most suitable design for the desired performance.



After our R&D studies, designs are optimized with simulation and strength analysis with proven programs in the field.

Prototype production of the new product, which passes the analysis successfully, is carried out.



The prototype product is subjected to maximum load capacities and life tests in test units specially produced for winches in our test center. Static and dynamic load tests are performed according to the relevant standards for each product produced in the test units.

The mass production of the product, which is approved as a result of the load tests, is started.

# PRODUCTS

Hammer Winch, which makes mass production of products covering EN 14492-1 and SAE J706 standards from 3 tons to 50 tons, as well as its wide product range, can also design, develop and produce specific products to the customer and project in line with the requests and demands of its customers.



Hammer Winch can offer optional features such as operating in -32 and +50 degrees celsius environmental conditions, with 1000 hours of corrosion resistance, in IP 67 - IP 68 standards and double speed winch in some product groups in special projects and the demands of its customers.



# MATERIAL SELECTION

Our reels cast on our rope drums are made of high-strength ductile iron, and our steel pulleys are high-strength produced from materials.

Our rope drum bodies are; It is also produced from high-strength ductile iron and high-strength special alloy hardened aluminum.

Special materials that have been tested such as tensile and impact are used in gear groups.

## Hydraulic Equipments

Hydromotors which are high-torque, high-strength provide the required torque values are used on the products in accordance with the product load capacity.

There are hydraulic valves that enable the opening of the standard hydraulic brake system used in all our products. Hydraulic valve selection is made specific to the products and the project. A special production brake valve suitable for double speed levels is used in products with double speed stage. Special production valve selections such as project-special pressure relief valves are made.

## Bearing and Bedding

By making calculations on the products in accordance with the product load capacity, the bedding elements are selected according to the loads on the bearing points on the products.

## Sealing Elements

Hydraulic and pneumatic sealing elements such as o-rings, seals, gaskets, etc. used on the products are selected long-lasting products in accordance with the working conditions.



# COATING APPLICATIONS

## & PAINT

Appropriate coating processes are carried out in our products in order to increase resistance against wear and corrosion.

In our mass production, paint application is carried out in accordance with the mixing rates and drying times specified in the relevant paint processes within our company.

Paint process consists of paint stages below;

Surface preparation

Primer

The final coat

In project-based special productions the paint and coating process are either done by the supplier companies or done in our company, according to the requests.

Some of the paint coating applications used in special productions;

Surface tolerant epoxy primer

Topcoat paint with high fire resistance

Impact resistant glass flake paint

Geomet coating

Zinc nickel plating

Dry film coating

Anodized coating





## ASSEMBLY

The assembly process begins when the sub-parts, whose production and controls have been completed, arrive on the assembly line.

The assembly process is completed by the assembly personnel according to the procedure of the relevant product.

The assembled products are sent to the test center and static and dynamic load tests are performed for each product in the test unit. Products that have been tested and successfully completed are shipped to the storage area.

## QUALITY CONTROL

In our company, ISO 9001 Quality Management System is taken as a basis in all processes, all of its requirements are fulfilled and continuous improvements are made.

All the products we produce are produced according to the relevant standards (EN 14492-1, SAE, and CE).

Traceability is ensured by recording the production stages in accordance with the quality management system.

Material entry controls, first product controls, intermediate controls, and final controls are carried out and recorded by quality personnel. The equipment used for control is monitored regarding their calibration and verification.



## INCOMING QUALITY CONTROL

When the materials ordered by the purchasing unit arrive, they are taken to the raw material waiting section to be checked.

It is recorded by the incoming quality control personnel after the conformity certificate control, visual inspection and dimensional control of the materials are made.

Accepted parts are sent to the raw material department or to the production department if it will start production. Rejected parts are sent to the returns department and the process is started.

## PROCESS CONTROL

The first product controls of the sub-parts produced in our company are made and the production is approved. Until the end of the production, the relevant intermediate controls continue to be made by the quality personnel.

100% hardness control is applied to critical parts that are subjected to the cementation process. The controls are controlled by portable or fixed hardness devices.

Coating and paint controls are made by visual inspection and using a thickness gauge device.

## FINAL INSPECTION

After the final controls of the products are made at the maximum load capacity in the load test unit and approved, they are sent to the assembly line again.

Serial number, labeling and packaging processes are done during assembly. After these processes are completed, the final controls are made by the quality personnel according to the order number, and the product is made ready for shipment.



## AFTER SALES SERVICES



After-sales services of the products delivered by Hammer Winch are also carried out with the devotion shown in the production process.

With its innovative, sustainable and customer-oriented approaches, Hammer Winch cares about establishing long-term relationships in the sector and aims highest customer satisfaction within the framework of responsible marketing principles.

Within the framework of responsible marketing principles, it is the common motivation of each of our employees to establish long-term relationships in the sector and to satisfy our customers by providing after-sales solution-oriented, fast and reliable services.

Hammer Winch proves its quality with its production and quality certificates in international standards, and also offers after-sales services and spare parts availability guarantee.



Since  
2003

# LIGHT SERIES

HAMMER WINCH







**Specifications**

Max. pulling capacity (kg / lbs) : 3550 kg (7824 lbs)  
 Max. Rope length (m / ft) : 53.8 m (176.4 ft)  
 Max. rope length for EN (m / ft) : 40.6 m (133 ft)  
 Recommended wire rope (mm / in) : 10 mm (3/8") 1960 Mpa  
 Hydromotor (cc / in<sup>3</sup>) : 250 cc (15 in<sup>3</sup>)  
 Max. pump flow (L / min - g / min) : 60 L/min (15.8 g/min)  
 Gear ratio : 5,6 : 1  
 Oil types and capacity : 85W 90 - 0,75 L  
 Max. working pressure (bar / psi) : 125 bar (1812 psi)

**Winch: (kg / lbs)**

54 kg (119 lbs)  
**Roller Fairlead: (kg / lbs)**  
 6 kg (13,22 lbs)  
**Cable Tensioner: (kg / lbs)**  
 2,5 kg (5,51 lbs)  
**Mounting Bolts**  
 8 pieces M14 8,8

**Standards**

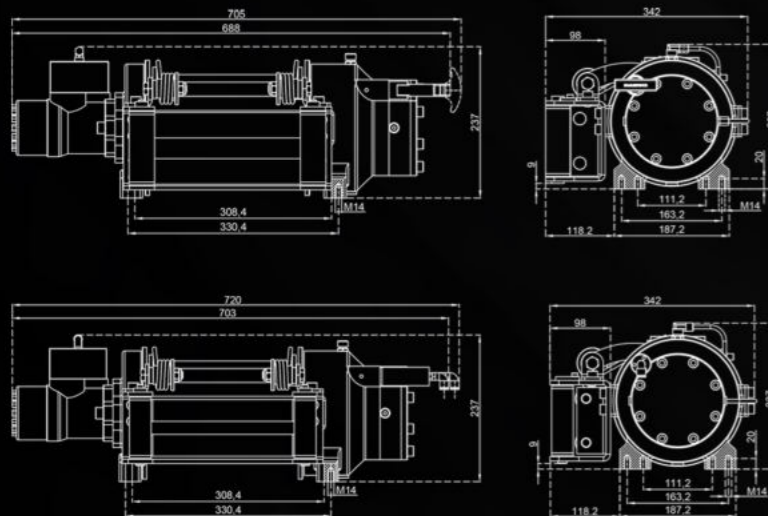
Cable Tensioner  
 Roller Fairlead  
 Manual Clutch  
**Optional**  
 Air Clutch  
 IP67 - IP68  
**Hydraulic Inlets**  
 G 1/2"

- Extra reinforced aluminium cast body through the heat treatment and industrial design
- Light and robust design
- 100% holding negative-acting hydraulic brake system
- Standard pressure roller and roller fairlead
- Easy assembly, high rope capacity and high torque hydromotor
- Standard manual rope unloading system
- EN 14492-1 : 2006 Power driven winches supported
- CE Machinery Directive 2006/42/EC

Rope Winding Layer	Pulling Capacity kg / lbs	Rope Speed m / min-ft / min	Rope Length m / ft
<b>1</b>	3550 kg / 7824 lbs	14 m/min - 46 ft/min	8.35 m / 27.4 ft
<b>2</b>	3061 kg / 6747 lbs	16 m/min - 53 ft/min	17.75 m / 58.2 ft
<b>3</b>	2691 kg / 5931 lbs	19 m/min - 62 ft/min	28.3 m / 92.8 ft
<b>EN 4</b>	2400 kg / 5291 lbs	21 m/min - 69 ft/min	40.6 m / 133 ft
<b>5</b>	2166 kg / 4775 lbs	23 m/min - 76 ft/min	53.8 m / 176.4 ft

**Warning!**

- Before operating the winch, A-B lines must be to T line (tank line) of the control valve in center position.
- This winch is designed and manufactured for pulling, don't lift person or material.
- Always keep last 5 wrap on the drum.
- The technical details given above are just for information.
- HAMMER WINCH keeps the right to change the technical details.
- Pneumatic working pressure: Min 9 bar - Max 12 bar (Min 130 psi - Max 174 psi)



Manual Clutch

Air Clutch



**Specifications**

Max. pulling capacity (kg / lbs) : 4300 kg (9477 lbs)  
 Max. Rope length (m / ft) : 48 m (157 ft)  
 Max. rope length for EN (m / ft) : 36 m (118 ft)  
 Recommended wire rope (mm / in) : 11 mm (4/9") 1960 Mpa  
 Hydromotor (cc / in<sup>3</sup>) : 315 cc (19 in<sup>3</sup>)  
 Max. pump flow (L / min - g / min) : 60 L/min (15.8 g/min)  
 Gear ratio : 5,6 : 1  
 Oil types and capacity : 85W 90 - 0,75 L  
 Max. working pressure (bar / psi) : 120 bar (1740 psi)

**Winch: (kg / lbs)**

54 kg (119 lbs)  
**Roller Fairlead: (kg / lbs)**  
 6 kg (13,22 lbs)  
**Cable Tensioner: (kg / lbs)**  
 2,5 kg (5,51 lbs)  
**Mounting Bolts**  
 8 pieces M14 8,8

**Standards**

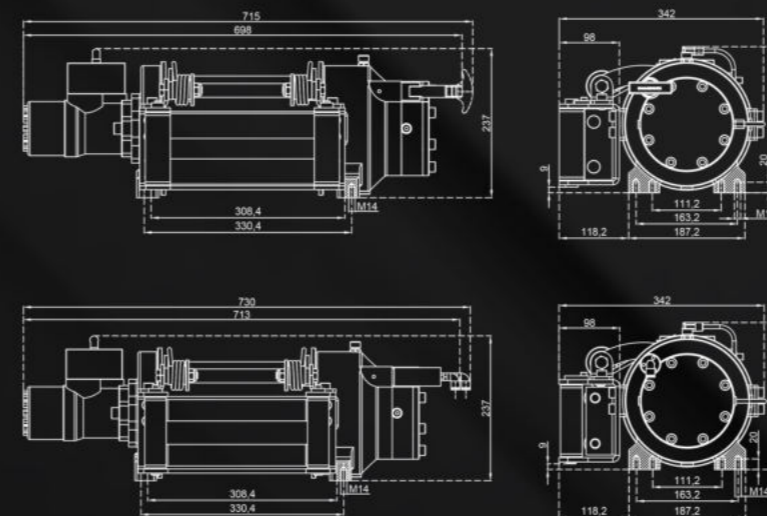
Cable Tensioner  
 Roller Fairlead  
 Manual Clutch  
**Optional**  
 Air Clutch  
 IP67 - IP68  
**Hydraulic Inlets**  
 G 1/2"

- Extra reinforced aluminium cast body through the heat treatment and industrial design
- Light and robust design
- 100% holding negative-acting hydraulic brake system
- Standard pressure roller and roller fairlead
- Easy assembly, high rope capacity and high torque hydromotor
- Standard manual rope unloading system
- EN 14492-1 : 2006 Power driven winches supported
- CE Machinery Directive 2006/42/EC

Rope Winding Layer	Pulling Capacity kg / lbs	Rope Speed m / min-ft / min	Rope Length m / ft
<b>1</b>	4300 kg / 9477 lbs	11 m/min - 36 ft/min	7 m / 23 ft
<b>2</b>	3657 kg / 8060 lbs	13 m/min - 42 ft/min	16 m / 52 ft
<b>3</b>	3181 kg / 7010 lbs	15 m/min - 49 ft/min	25 m / 82 ft
<b>EN 4</b>	2815 kg / 6204 lbs	17 m/min - 55 ft/min	36 m / 118 ft
<b>5</b>	2524 kg / 5564 lbs	19 m/min - 62 ft/min	48 m / 157 ft

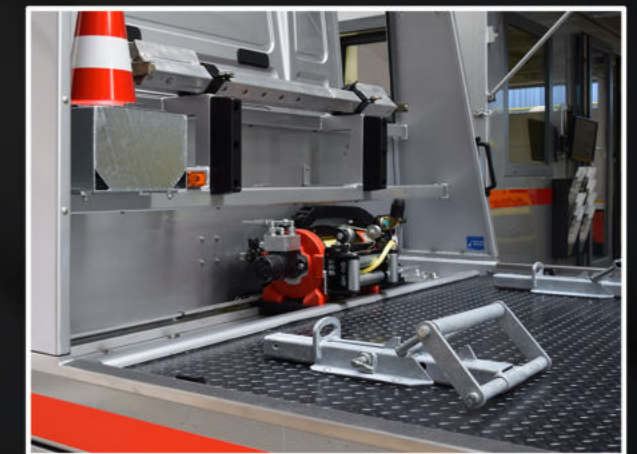
**Warning!**

- Before operating the winch, A-B lines must be to T line (tank line) of the control valve in center position.
- This winch is designed and manufactured for pulling, don't lift person or material.
- Always keep last 5 wrap on the drum.
- The technical details given above are just for information.
- HAMMER WINCH keeps the right to change the technical details.
- Pneumatic working pressure: Min 9 bar - Max 12 bar (Min 130 psi - Max 174 psi)



Manual Clutch

Air Clutch







**Specifications**

Max. pulling capacity (kg / lbs) : 5600 kg (12342 lbs)  
 Max. Rope length (m / ft) : 48.6 m (159.4 ft)  
 Max. rope length for EN (m / ft) : 36 m (118 ft)  
 Recommended wire rope (mm / in) : 12 mm (1/2") 2160 Mpa  
 Hydromotor (cc / in<sup>3</sup>) : 400 cc (24 in<sup>3</sup>)  
 Max. pump flow (L / min - g / min) : 60 L/min (15.8 g/min)  
 Gear ratio : 5,2 : 1  
 Oil types and capacity : 85W 90 - 0,9 L  
 Max. working pressure (bar / psi) : 155 bar (2247 psi)

**Winch: (kg / lbs)**

78.5 kg (173 lbs)  
**Roller Fairlead: (kg / lbs)**  
 9 kg (19,84 lbs)  
**Cable Tensioner: (kg / lbs)**  
 4 kg (9 lbs)  
**Mounting Bolts**  
 16 pieces M12

**Standards**

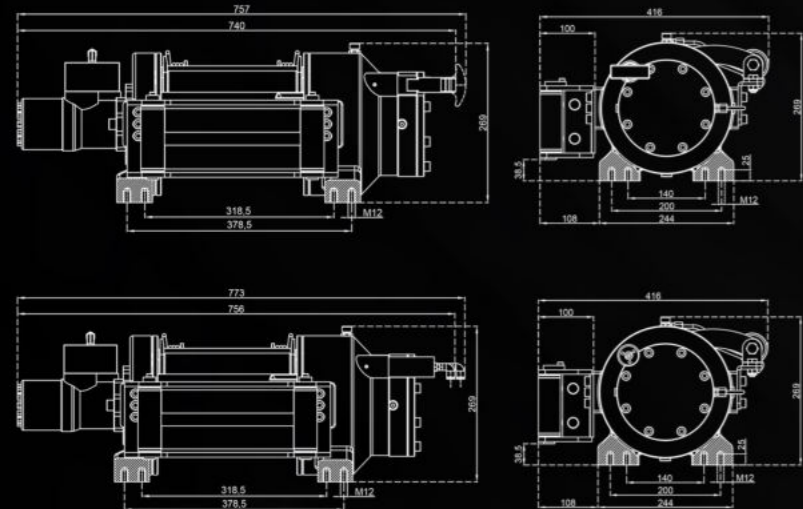
Cable Tensioner  
 Roller Fairlead  
 Manual Clutch  
**Optional**  
 Air Clutch  
 IP67 - IP68  
**Hydraulic Inlets**  
 G 1/2"

- Extra reinforced aluminium cast body through the heat treatment and industrial design
- Light and robust design
- 100% holding negative-acting hydraulic brake system
- Standard pressure roller and roller fairlead
- Easy assembly, high rope capacity and high torque hydromotor
- Standard manual rope unloading system
- EN 14492-1 : 2006 Power driven winches supported
- CE Machinery Directive 2006/42/EC

Rope Winding Layer	Pulling Capacity kg / lbs	Rope Speed m / min-ft / min	Rope Length m / ft
<b>1</b>	5600 kg / 12342 lbs	10 m/min - 33 ft/min	7.35 m / 24.1 ft
<b>2</b>	4758 kg / 10486 lbs	12 m/min - 39 ft/min	15.7 m / 51.5 ft
<b>3</b>	4136 kg / 9116 lbs	14 m/min - 46 ft/min	25.3 m / 83 ft
<b>EN 4</b>	3657 kg / 8062 lbs	16 m/min - 52 ft/min	36 m / 118 ft
<b>5</b>	3278 kg / 7226 lbs	17 m/min - 58 ft/min	48.6 m / 159.4 ft

**Warning!**

- Before operating the winch, A-B lines must be to T line (tank line) of the control valve in center position.
- This winch is designed and manufactured for pulling, don't lift person or material.
- Always keep last 5 wrap on the drum.
- The technical details given above are just for information.
- HAMMER WINCH keeps the right to change the technical details.
- Pneumatic working pressure: Min 9 bar - Max 12 bar (Min 130 psi - Max 174 psi)



Manual Clutch

Air Clutch



**Specifications**

Max. pulling capacity (kg / lbs) : 6600 kg (14546 lbs)  
 Max. Rope length (m / ft) : 43 m (141 ft)  
 Max. rope length for EN (m / ft) : 30 m (98.4 ft)  
 Recommended wire rope (mm / in) : 14 mm (5/9") 1960 Mpa  
 Hydromotor (cc / in<sup>3</sup>) : 400 cc (24 in<sup>3</sup>)  
 Max. pump flow (L / min - g / min) : 75 L/min (19.8 g/min)  
 Gear ratio : 5,2 : 1  
 Oil types and capacity : 85W 90 - 0,9 L  
 Max. working pressure (bar / psi) : 190 bar (2755 psi)

**Winch: (kg / lbs)**

88.5 kg (195 lbs)  
**Roller Fairlead: (kg / lbs)**  
 11 kg (24,2 lbs)  
**Cable Tensioner: (kg / lbs)**  
 4,5 kg (9,9 lbs)  
**Mounting Bolts**  
 16 pieces M12

**Standards**

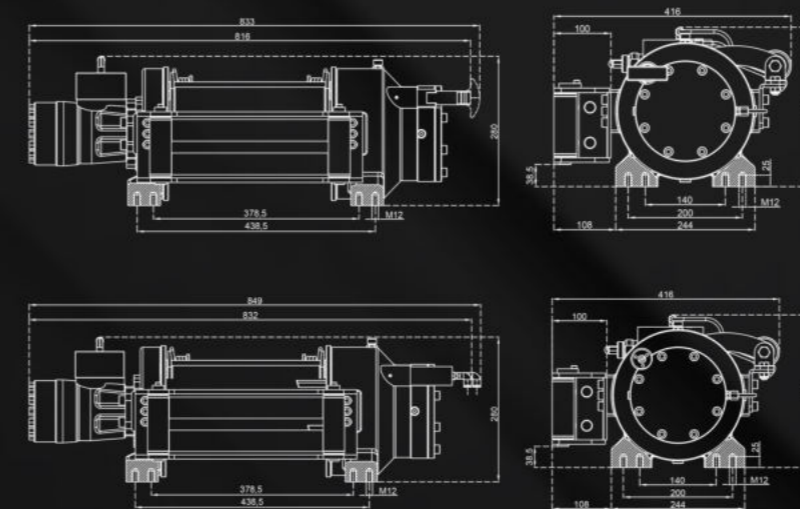
Cable Tensioner  
 Roller Fairlead  
 Manual Clutch  
**Optional**  
 Air Clutch  
 IP67 - IP68  
**Hydraulic Inlets**  
 G 1/2"

- Extra reinforced aluminium cast body through the heat treatment and industrial design
- Light and robust design
- 100% holding negative-acting hydraulic brake system
- Standard pressure roller and roller fairlead
- Easy assembly, high rope capacity and high torque hydromotor
- Standard manual rope unloading system
- EN 14492-1 : 2006 Power driven winches supported
- CE Machinery Directive 2006/42/EC

Rope Winding Layer	Pulling Capacity kg / lbs	Rope Speed m / min-ft / min	Rope Length m / ft
<b>1</b>	6600 kg / 14546 lbs	15 m/min - 50 ft/min	8.8 m / 28.8 ft
<b>2</b>	5610 kg / 12365 lbs	18 m/min - 58 ft/min	18 m / 59 ft
<b>EN 3</b>	4878 kg / 10751 lbs	20 m/min - 65 ft/min	30 m / 98.4 ft
<b>4</b>	4315 kg / 9511 lbs	23 m/min - 75 ft/min	43 m / 141 ft

**Warning!**

- Before operating the winch, A-B lines must be to T line (tank line) of the control valve in center position.
- This winch is designed and manufactured for pulling, don't lift person or material.
- Always keep last 5 wrap on the drum.
- The technical details given above are just for information.
- HAMMER WINCH keeps the right to change the technical details.
- Pneumatic working pressure: Min 9 bar - Max 12 bar (Min 130 psi - Max 174 psi)



Manual Clutch

Air Clutch







**Specifications**

- Max. pulling capacity (kg / lbs) : 7600 kg (16750 lbs)
- Max. Rope length (m / ft) : 43 m (141 ft)
- Max. rope length for EN (m / ft) : 30 m (98.4 ft)
- Recommended wire rope (mm / in) : 14 mm (5/9") 2160 Mpa
- Hydromotor (cc / in<sup>3</sup>) : 400 cc (24 in<sup>3</sup>)
- Max. pump flow (L / min - g / min) : 75 L/min (19.8 g/min)
- Gear ratio : 5,2 : 1
- Oil types and capacity : 85W 90 - 0,9 L
- Max. working pressure (bar / psi) : 200 bar (2900 psi)

**Winch: (kg / lbs)**

- 90 kg (198,3 lbs)
- Roller Fairlead: (kg / lbs)**
- 11 kg (24,2 lbs)
- Cable Tensioner: (kg / lbs)**
- 4,5 kg (9,9 lbs)
- Mounting Bolts**
- 16 pieces M12

**Standards**

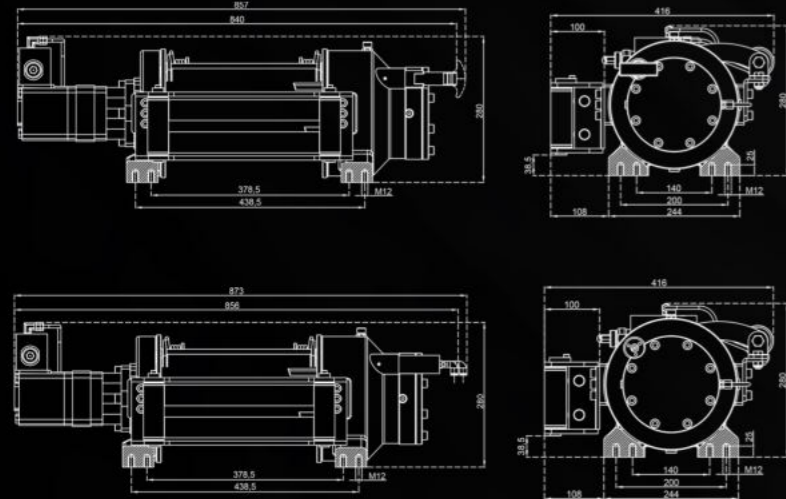
- Cable Tensioner
- Roller Fairlead
- Manual Clutch
- Optional**
- Air Clutch
- IP67 - IP68
- Hydraulic Inlets**
- G 3/4"

- Extra reinforced aluminium cast body through the heat treatment and industrial design
- Light and powerful design
- 100% holding negative-acting hydraulic brake system
- Standard pressure roller and roller fairlead
- Easy assembly, high rope capacity and high torque hydromotor
- Standard manual rope unloading system
- EN 14492-1 : 2006 Power driven winches supported
- CE Machinery Directive 2006/42/EC

Rope Winding Layer	Pulling Capacity kg / lbs	Rope Speed m / min-ft / min	Rope Length m / ft
<b>1</b>	7600 kg / 16750 lbs	15 m/min - 49 ft/min	8.8 m / 28.8 ft
<b>2</b>	6459 kg / 14237 lbs	17 m/min - 58 ft/min	18 m / 59 ft
<b>EN 3</b>	5616 kg / 12380 lbs	20 m/min - 67 ft/min	30 m / 98.4 ft
<b>4</b>	4968 kg / 10951 lbs	23 m/min - 75 ft/min	43 m / 141 ft

**Warning!**

- Before operating the winch, A-B lines must be to T line (tank line) of the control valve in center position.
- This winch is designed and manufactured for pulling, don't lift person or material.
- Always keep last 5 wrap on the drum.
- The technical details given above are just for information.
- HAMMER WINCH keeps the right to change the technical details.
- Pneumatic working pressure: Min 9 bar - Max 12 bar (Min 130 psi - Max 174 psi)



Manual Clutch



Air Clutch



Fast supply with high stock capacity







**SAE**

**Specifications**

- Max. pulling capacity (kg / lbs) : 4000 kg (8816 lbs)
- Max. Rope length (m/ ft) : 53.8 m (176 ft)
- Recommended wire rope (mm / in) : 10 mm (3/8") 1960 Mpa
- Hydromotor (cc / in<sup>3</sup>) : 250 cc (15 in<sup>3</sup>)
- Max. pump flow (L / min - g / min) : 60 L/min (15.8 g/min)
- Gear ratio : 5,6 : 1
- Oil types and capacity : 85W 90 - 0,75 L
- Max. working pressure (bar / psi) : 140 bar (2030 psi)

**Winch: (kg / lbs)**

54 kg (119 lbs)

**Roller Fairlead: (kg / lbs)**

6 kg (13,22 lbs)

**Cable Tensioner: (kg / lbs)**

2,5 kg (5,51 lbs)

**Mounting Bolts**

8 pieces M14 8,8

**Standards**

Cable Tensioner

Roller Fairlead

Manual Clutch

**Optional**

Air Clutch

IP67 - IP68

**Hydraulic Inlets**

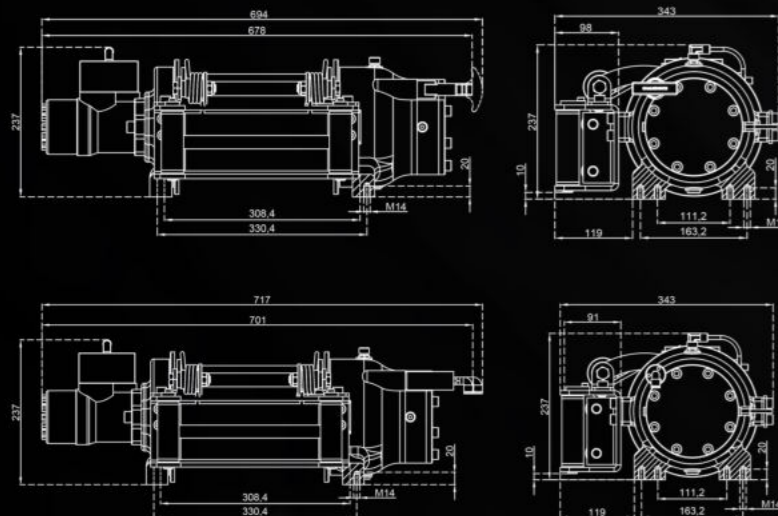
G 1/2"

- Extra reinforced aluminium cast body through the heat treatment and industrial design
- Light and robust design
- 100% holding negative-acting hydraulic brake system
- Standard pressure roller and roller fairlead
- Easy assembly, high rope capacity and high torque hydromotor
- Standard manual rope unloading system
- CE Machinery Directive 2006/42/EC
- Meets SAE J706 rating

Rope Winding Layer	Pulling Capacity kg / lbs	Rope Speed m / min-ft / min	Rope Length m / ft
1	4000 kg / 8816 lbs	14 m/min - 46 ft/min	8.4 m / 27.5 ft
2	3445 kg / 7594 lbs	16 m/min - 53 ft/min	17.8 m / 58 ft
3	3024 kg / 6666 lbs	18 m/min - 61 ft/min	28.3 m / 92.8 ft
4	2695 kg / 5490 lbs	21 m/min - 69 ft/min	40.6 m / 133 ft
5	2430 kg / 5356 lbs	23 m/min - 76 ft/min	53.8 m / 176 ft

**Warning!**

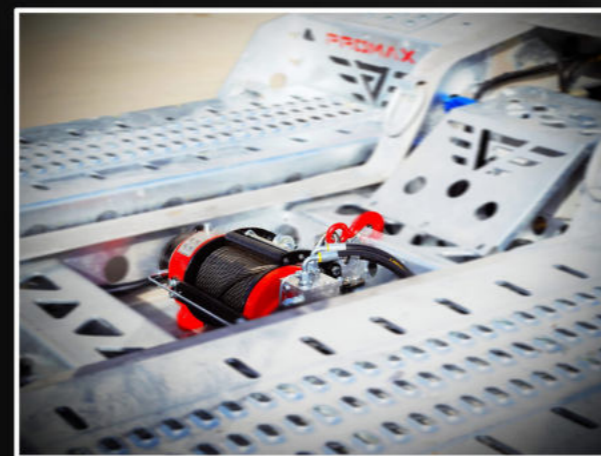
- Before operating the winch, A-B lines must be to T line (tank line) of the control valve in center position.
- This winch is designed and manufactured for pulling, don't lift person or material.
- Always keep last 5 wrap on the drum.
- The technical details given above are just for information.
- HAMMER WINCH keeps the right to change the technical details.
- Pneumatic working pressure: Min 9 bar - Max 12 bar (Min 130 psi - Max 174 psi)



Manual Clutch



Air Clutch



**SAE**

**Specifications**

- Max. pulling capacity (kg / lbs) : 4000 kg (8816 lbs)
- Max. Rope length (m/ ft) : 53.8 m (176 ft)
- Recommended wire rope (mm / in) : 10 mm (3/8") 1960 Mpa
- Hydromotor (cc / in<sup>3</sup>) : 250 cc (15 in<sup>3</sup>)
- Max. pump flow (L / min - g / min) : 60 L/min (15.8 g/min)
- Gear ratio : 5,6 : 1
- Oil types and capacity : 85W 90 - 0,75 L
- Max. working pressure (bar / psi) : 140 bar (2030 psi)

**Winch: (kg / lbs)**

60 kg (132 lbs)

**Roller Fairlead: (kg / lbs)**

6 kg (13,22 lbs)

**Cable Tensioner: (kg / lbs)**

2,5 kg (5,51 lbs)

**Mounting Bolts**

8 pieces M14 8,8

**Standards**

Cable Tensioner

Roller Fairlead

Manual Clutch

**Optional**

Air Clutch

IP67 - IP68

**Hydraulic Inlets**

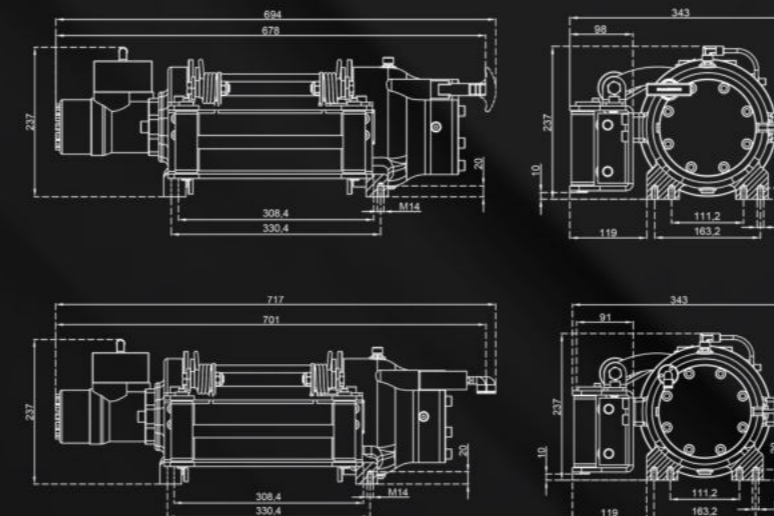
G 1/2"

- Extra reinforced steel cast body through the heat treatment and industrial design
- Light and robust design
- 100% holding negative-acting hydraulic brake system
- Standard pressure roller and roller fairlead
- Easy assembly, high rope capacity and high torque hydromotor
- Standard manual rope unloading system
- CE Machinery Directive 2006/42/EC
- Meets SAE J706 rating

Rope Winding Layer	Pulling Capacity kg / lbs	Rope Speed m / min-ft / min	Rope Length m / ft
1	4000 kg / 8816 lbs	14 m/min - 46 ft/min	8.4 m / 27.5 ft
2	3445 kg / 7594 lbs	16 m/min - 53 ft/min	17.8 m / 58 ft
3	3024 kg / 6666 lbs	18 m/min - 61 ft/min	28.3 m / 92.8 ft
4	2695 kg / 5490 lbs	21 m/min - 69 ft/min	40.6 m / 133 ft
5	2430 kg / 5356 lbs	23 m/min - 76 ft/min	53.8 m / 176 ft

**Warning!**

- Before operating the winch, A-B lines must be to T line (tank line) of the control valve in center position.
- This winch is designed and manufactured for pulling, don't lift person or material.
- Always keep last 5 wrap on the drum.
- The technical details given above are just for information.
- HAMMER WINCH keeps the right to change the technical details.
- Pneumatic working pressure: Min 9 bar - Max 12 bar (Min 130 psi - Max 174 psi)



Manual Clutch



Air Clutch







**SAE**

**Specifications**

- Max. pulling capacity (kg / lbs) : 5000 kg (11022 lbs)
- Max. Rope length (m/ ft) : 35.5 m (116 ft)
- Recommended wire rope (mm / in) : 12 mm (1/2") 1960 Mpa
- Hydromotor (cc / in<sup>3</sup>) : 315 cc (18,4 in<sup>3</sup>)
- Max. pump flow (L / min - g / min) : 60 L/min (15.8 g/min)
- Gear ratio : 5,6 : 1
- Oil types and capacity : 85W 90 - 0,75 L
- Max. working pressure (bar / psi) : 135 bar (1958 psi)

**Winch: (kg / lbs)**

54 kg (119 lbs)

**Roller Fairlead: (kg / lbs)**

6 kg (13,22 lbs)

**Cable Tensioner: (kg / lbs)**

2,5 kg (5,51 lbs)

**Mounting Bolts**

8 pieces M14 8,8

**Standards**

Cable Tensioner

Roller Fairlead

Manual Clutch

**Optional**

Air Clutch

IP67 - IP68

**Hydraulic Inlets**

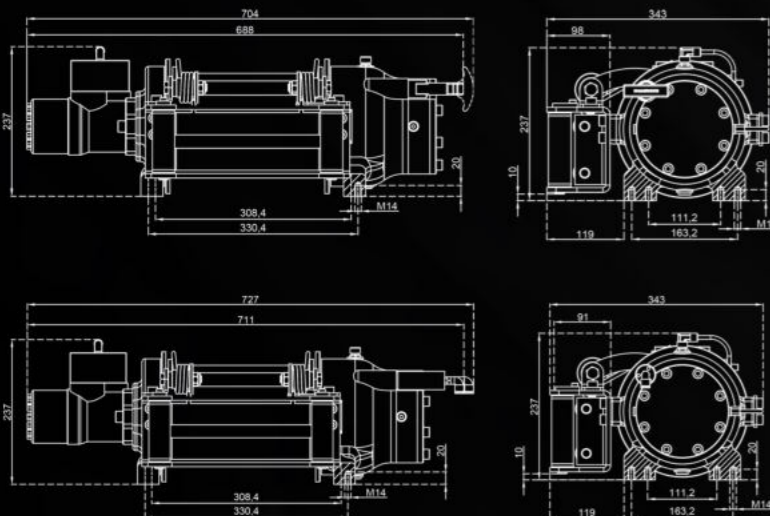
G 1/2"

- Extra reinforced aluminium cast body through the heat treatment and industrial design
- Light and robust design
- 100% holding negative-acting hydraulic brake system
- Standard pressure roller and roller fairlead
- Easy assembly, high rope capacity and high torque hydromotor
- Standard manual rope unloading system
- CE Machinery Directive 2006/42/EC
- Meets SAE J706 rating

Rope Winding Layer	Pulling Capacity kg / lbs	Rope Speed m / min-ft / min	Rope Length m / ft
1	5000 kg / 11022 lbs	11 m/min - 36.6 ft/min	7.1 m / 23 ft
2	4203 kg / 9264 lbs	13.3 m/min - 43.5 ft/min	15.4 m / 50.5 ft
3	3625 kg / 7990 lbs	15.4 m/min - 50.5 ft/min	25 m / 82 ft
4	3187 kg / 7024 lbs	17.5 m/min - 57.4 ft/min	35.5 m / 116 ft

**Warning!**

- Before operating the winch, A-B lines must be to T line (tank line) of the control valve in center position.
- This winch is designed and manufactured for pulling, don't lift person or material.
- Always keep last 5 wrap on the drum.
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- HAMMER WINCH keeps the right to change the technical details.
- Pneumatic working pressure: Min 9 bar - Max 12 bar (Min 130 psi - Max 174 psi)



Manual Clutch



Air Clutch



**SAE**

**Specifications**

- Max. pulling capacity (kg / lbs) : 5000 kg (11022 lbs)
- Max. Rope length (m/ ft) : 35.5 m (116 ft)
- Recommended wire rope (mm / in) : 12 mm (1/2") 1960 Mpa
- Hydromotor (cc / in<sup>3</sup>) : 315 cc (18,4 in<sup>3</sup>)
- Max. pump flow (L / min - g / min) : 60 L/min (15.8 g/min)
- Gear ratio : 5,6 : 1
- Oil types and capacity : 85W 90 - 0,75 L
- Max. working pressure (bar / psi) : 135 bar (1958 psi)

**Winch: (kg / lbs)**

60 kg (132 lbs)

**Roller Fairlead: (kg / lbs)**

6 kg (13,22 lbs)

**Cable Tensioner: (kg / lbs)**

2,5 kg (5,51 lbs)

**Mounting Bolts**

8 pieces M14 8,8

**Standards**

Cable Tensioner

Roller Fairlead

Manual Clutch

**Optional**

Air Clutch

IP67 - IP68

**Hydraulic Inlets**

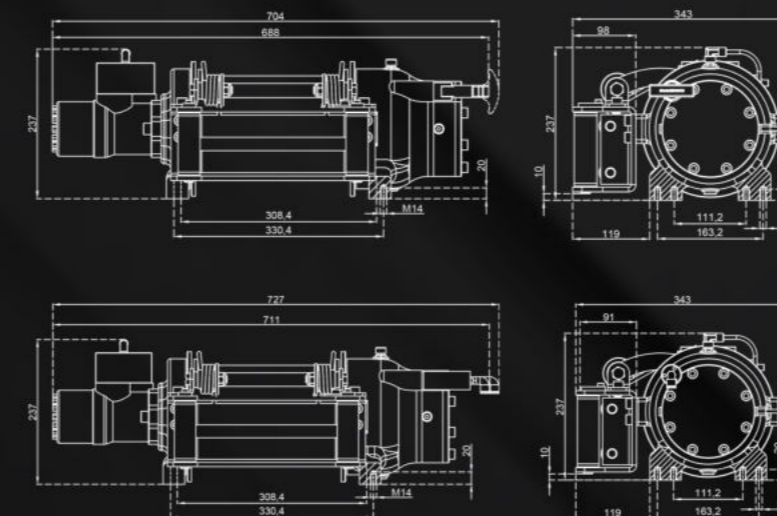
G 1/2"

- Extra reinforced steel cast body through the heat treatment and industrial design
- Light and robust design
- 100% holding negative-acting hydraulic brake system
- Standard pressure roller and roller fairlead
- Easy assembly, high rope capacity and high torque hydromotor
- Standard manual rope unloading system
- CE Machinery Directive 2006/42/EC
- Meets SAE J706 rating

Rope Winding Layer	Pulling Capacity kg / lbs	Rope Speed m / min-ft / min	Rope Length m / ft
1	5000 kg / 11022 lbs	11 m/min - 36.6 ft/min	7.1 m / 23 ft
2	4203 kg / 9264 lbs	13.3 m/min - 43.5 ft/min	15.4 m / 50.5 ft
3	3625 kg / 7990 lbs	15.4 m/min - 50.5 ft/min	25 m / 82 ft
4	3187 kg / 7024 lbs	17.5 m/min - 57.4 ft/min	35.5 m / 116 ft

**Warning!**

- Before operating the winch, A-B lines must be to T line (tank line) of the control valve in center position.
- This winch is designed and manufactured for pulling, don't lift person or material.
- Always keep last 5 wrap on the drum.
- The technical details given above are just for information.
- HAMMER WINCH keeps the right to change the technical details.
- Pneumatic working pressure: Min 9 bar - Max 12 bar (Min 130 psi - Max 174 psi)



Manual Clutch



Air Clutch







**SAE**

**Specifications**

- Max. pulling capacity (kg / lbs) : 5800 kg (12783 lbs)
- Max. Rope length (m / ft) : 48.6 m (159.4 ft)
- Recommended wire rope (mm / in) : 12 mm (1/2") 1960 Mpa
- Hydromotor (cc / in<sup>3</sup>) : 400 cc (24 in<sup>3</sup>)
- Max. pump flow (L / min - g / min) : 60 L/min (15.8 g/min)
- Gear ratio : 5,2 : 1
- Oil types and capacity : 85W 90 - 0,9 L
- Max. working pressure (bar / psi) : 160 bar (2320 psi)

**Winch: (kg / lbs)**

78,5 kg (173 lbs)

**Roller Fairlead: (kg / lbs)**

9 kg (19,8 lbs)

**Cable Tensioner: (kg / lbs)**

4 kg (9 lbs)

**Mounting Bolts**

16 pieces M12

**Standards**

Cable Tensioner

Roller Fairlead

Manual Clutch

**Optional**

Air Clutch

IP67 - IP68

**Hydraulic Inlets**

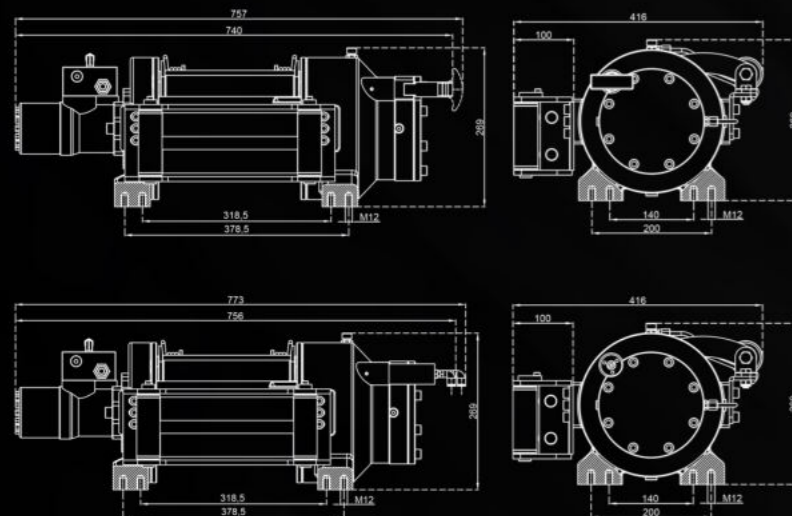
G 1/2"

- Extra reinforced aluminium cast body through the heat treatment and industrial design
- Light and robust design
- 100% holding negative-acting hydraulic brake system
- Standard pressure roller and roller fairlead
- Easy assembly, high rope capacity and high torque hydromotor
- Standard manual rope unloading system
- CE Machinery Directive 2006/42/EC
- Meets SAE J706 rating

Rope Winding Layer	Pulling Capacity kg / lbs	Rope Speed m / min-ft / min	Rope Length m / ft
1	5800 kg / 12783 lbs	10 m/min - 33 ft/min	7.35 m / 24.1 ft
2	4927 kg / 10861 lbs	12 m/min - 39 ft/min	15.7 m / 51.5 ft
3	4283 kg / 9440 lbs	14 m/min - 46 ft/min	25.3 m / 83 ft
4	3788 kg / 8349 lbs	16 m/min - 52 ft/min	36 m / 118 ft
5	3395 kg / 7483 lbs	17 m/min - 56 ft/min	48.6 m / 159.4 ft

**Warning!**

- Before operating the winch, A-B lines must be to T line (tank line) of the control valve in center position.
- This winch is designed and manufactured for pulling, don't lift person or material.
- Always keep last 5 wrap on the drum.
- The technical details given above are just for information.
- HAMMER WINCH keeps the right to change the technical details.
- Pneumatic working pressure: Min 9 bar - Max 12 bar (Min 130 psi - Max 174 psi)



Manual Clutch



Air Clutch



**SAE**

**Specifications**

- Max. pulling capacity (kg / lbs) : 5800 kg (12783 lbs)
- Max. Rope length (m / ft) : 48.6 m (159.4 ft)
- Recommended wire rope (mm / in) : 12 mm (1/2") 1960 Mpa
- Hydromotor (cc / in<sup>3</sup>) : 400 cc (24 in<sup>3</sup>)
- Max. pump flow (L / min - g / min) : 60 L/min (15.8 g/min)
- Gear ratio : 5,2 : 1
- Oil types and capacity : 85W 90 - 0,9 L
- Max. working pressure (bar / psi) : 160 bar (2320 psi)

**Winch: (kg / lbs)**

90 kg (198,4 lbs)

**Roller Fairlead: (kg / lbs)**

9 kg (19,8 lbs)

**Cable Tensioner: (kg / lbs)**

4 kg (9 lbs)

**Mounting Bolts**

16 pieces M12

**Standards**

Cable Tensioner

Roller Fairlead

Manual Clutch

**Optional**

Air Clutch

IP67 - IP68

**Hydraulic Inlets**

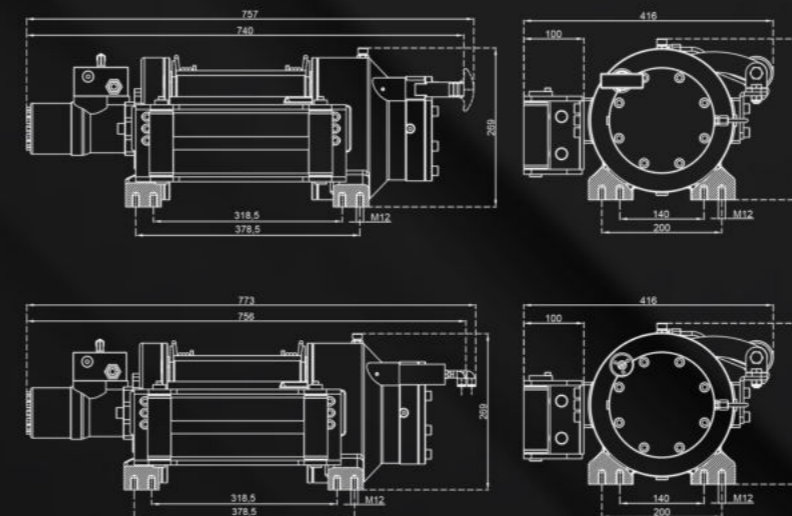
G 1/2"

- Extra reinforced steel cast body through the heat treatment and industrial design
- Light and robust design
- 100% holding negative-acting hydraulic brake system
- Standard pressure roller and roller fairlead
- Easy assembly, high rope capacity and high torque hydromotor
- Standard manual rope unloading system
- CE Machinery Directive 2006/42/EC
- Meets SAE J706 rating

Rope Winding Layer	Pulling Capacity kg / lbs	Rope Speed m / min-ft / min	Rope Length m / ft
1	5800 kg / 12783 lbs	10 m/min - 33 ft/min	7.35 m / 24.1 ft
2	4927 kg / 10861 lbs	12 m/min - 39 ft/min	15.7 m / 51.5 ft
3	4283 kg / 9440 lbs	14 m/min - 46 ft/min	25.3 m / 83 ft
4	3788 kg / 8349 lbs	16 m/min - 52 ft/min	36 m / 118 ft
5	3395 kg / 7483 lbs	17 m/min - 56 ft/min	48.6 m / 159.4 ft

**Warning!**

- Before operating the winch, A-B lines must be to T line (tank line) of the control valve in center position.
- This winch is designed and manufactured for pulling, don't lift person or material.
- Always keep last 5 wrap on the drum.
- The technical details given above are just for information.
- HAMMER WINCH keeps the right to change the technical details.
- Pneumatic working pressure: Min 9 bar - Max 12 bar (Min 130 psi - Max 174 psi)



Manual Clutch



Air Clutch







**SAE**

**Specifications**

Max. pulling capacity (kg / lbs) : 6800 kg (14987 lbs)  
 Max. Rope length (m / ft) : 43 m (141ft)  
 Recommended wire rope (mm / in) : 14 mm (5/9") 1960 Mpa  
 Hydromotor (cc / in<sup>3</sup>) : 400 cc (24 in<sup>3</sup>)  
 Max. pump flow (L / min - g / min) : 60 L/min (15.8 g/min)  
 Gear ratio : 5,2 : 1  
 Oil types and capacity : 85W 90 - 0,9 L  
 Max. working pressure (bar / psi) : 190 bar (2755 psi)

**Winch: (kg / lbs)**

87 kg (191,7 lbs)

**Roller Fairlead: (kg / lbs)**

11 kg (24,2 lbs)

**Cable Tensioner: (kg / lbs)**

4,5 kg (9,9 lbs)

**Mounting Bolts**

16 pieces M12

**Standarts**

Cable Tensioner

Roller Fairlead

Manual Clutch

**Optional**

Air Clutch

IP67 - IP68

**Hydraulic Inlets**

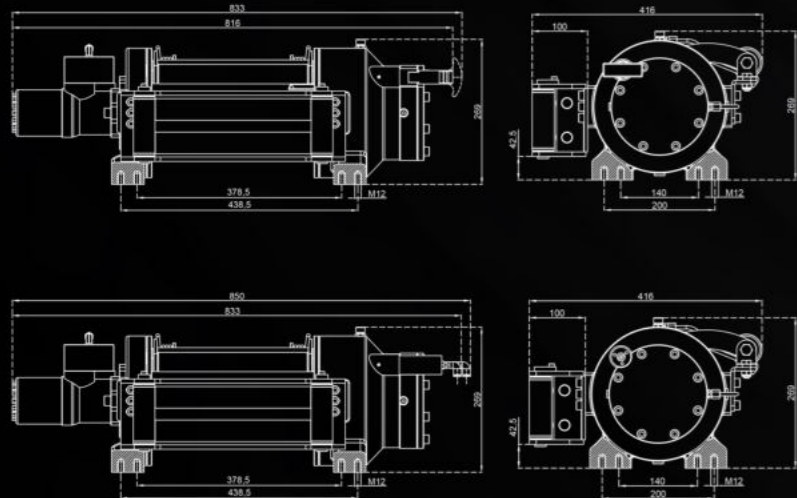
G 1/2"

- Extra reinforced aluminium cast body through the heat treatment and industrial design
- Light and robust design
- 100% holding negative-acting hydraulic brake system
- Standard pressure roller and roller fairlead
- Easy assembly, high rope capacity and high torque hydromotor
- Standard manual rope unloading system
- CE Machinery Directive 2006/42/EC
- Meets SAE J706 rating

Rope Winding Layer	Pulling Capacity kg / lbs	Rope Speed m / min-ft / min	Rope Length m / ft
1	6800 kg / 14987 lbs	10 m/min - 33 ft/min	8.4 m / 27.5 ft
2	5655 kg / 12464 lbs	12.4 m/min - 40.6 ft/min	18.3 m / 60 ft
3	4840 kg / 10667 lbs	14.5 m/min - 47.5 ft/min	29.8 m / 97.7 ft
4	4230 kg / 9324 lbs	16.6 m/min - 54.4 ft/min	43 m / 141 ft

**Warning!**

- Before operating the winch, A-B lines must be to T line (tank line) of the control valve in center position.
- This winch is designed and manufactured for pulling, don't lift person or material.
- Always keep last 5 wrap on the drum.
- The technical details given above are just for information.
- HAMMER WINCH keeps the right to change the technical details.
- Pneumatic working pressure: Min 9 bar - Max 12 bar (Min 130 psi - Max 174 psi)



Manual Clutch



Air Clutch



**SAE**

**Specifications**

Max. pulling capacity (kg / lbs) : 6800 kg (14987 lbs)  
 Max. Rope length (m / ft) : 43 m (141ft)  
 Recommended wire rope (mm / in) : 14 mm (5/9") 1960 Mpa  
 Hydromotor (cc / in<sup>3</sup>) : 400 cc (24 in<sup>3</sup>)  
 Max. pump flow (L / min - g / min) : 60 L/min (15.8 g/min)  
 Gear ratio : 5,2 : 1  
 Oil types and capacity : 85W 90 - 0,9 L  
 Max. working pressure (bar / psi) : 190 bar (2755 psi)

**Winch: (kg / lbs)**

102 kg (224,8 lbs)

**Roller Fairlead: (kg / lbs)**

11 kg (24,2 lbs)

**Cable Tensioner: (kg / lbs)**

4,5 kg (9,9 lbs)

**Mounting Bolts**

16 pieces M12

**Standards**

Cable Tensioner

Roller Fairlead

Manual Clutch

**Optional**

Air Clutch

IP67 - IP68

**Hydraulic Inlets**

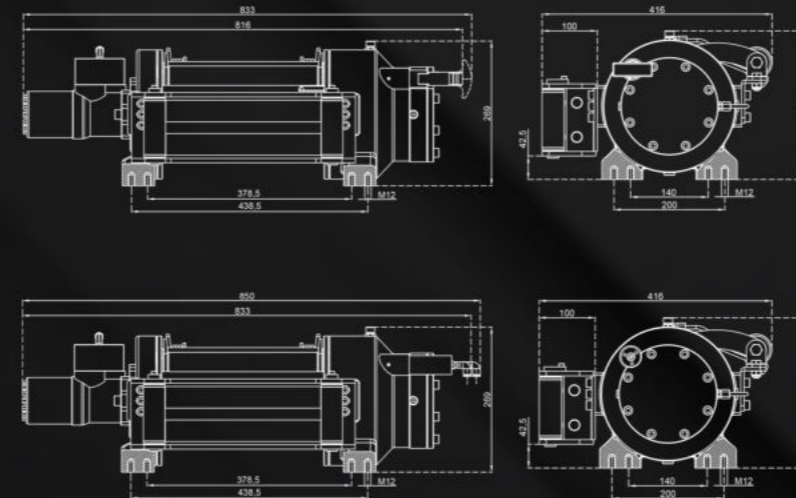
G 1/2"

- Extra reinforced steel cast body through the heat treatment and industrial design
- Light and robust design
- 100% holding negative-acting hydraulic brake system
- Standard pressure roller and roller fairlead
- Easy assembly, high rope capacity and high torque hydromotor
- Standard manual rope unloading system
- CE Machinery Directive 2006/42/EC
- Meets SAE J706 rating

Rope Winding Layer	Pulling Capacity kg / lbs	Rope Speed m / min-ft / min	Rope Length m / ft
1	6800 kg / 14987 lbs	10 m/min - 33 ft/min	8.4 m / 27.5 ft
2	5655 kg / 12464 lbs	12.4 m/min - 40.6 ft/min	18.3 m / 60 ft
3	4840 kg / 10667 lbs	14.5 m/min - 47.5 ft/min	29.8 m / 97.7 ft
4	4230 kg / 9324 lbs	16.6 m/min - 54.4 ft/min	43 m / 141 ft

**Warning!**

- Before operating the winch, A-B lines must be to T line (tank line) of the control valve in center position.
- This winch is designed and manufactured for pulling, don't lift person or material.
- Always keep last 5 wrap on the drum.
- The technical details given above are just for information.
- HAMMER WINCH keeps the right to change the technical details.
- Pneumatic working pressure: Min 9 bar - Max 12 bar (Min 130 psi - Max 174 psi)



Manual Clutch



Air Clutch







**SAE**

**Specifications**

- Max. pulling capacity (kg / lbs) : 7800 kg (17196 lbs)
- Max. Rope length (m / ft) : 43 m (141ft)
- Recommended wire rope (mm / in) : 14 mm (5/9") 1960 Mpa
- Hydromotor (cc / in<sup>3</sup>) : 400 cc (24 in<sup>3</sup>)
- Max. pump flow (L / min - g / min) : 75 L/min (19.8 g/min)
- Gear ratio : 5,2 : 1
- Oil types and capacity : 85W 90 - 0,9 L
- Max. working pressure (bar / psi) : 208 bar (3016 psi)

**Winch: (kg / lbs)**

87 kg (191,7 lbs)

**Roller Fairlead: (kg / lbs)**

11 kg (24,2 lbs)

**Cable Tensioner: (kg / lbs)**

4,5 kg (9,9 lbs)

**Mounting Bolts**

16 pieces M12

**Standards**

Cable Tensioner

Roller Fairlead

Manual Clutch

**Optional**

Air Clutch

IP67 - IP68

**Hydraulic Inlets**

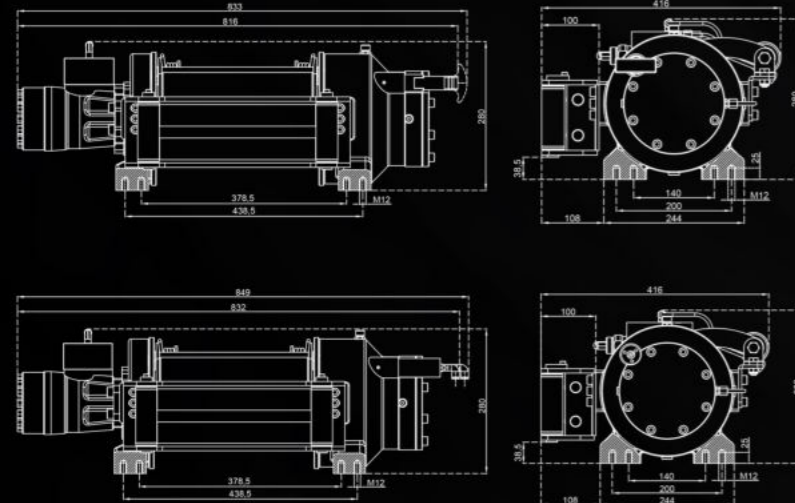
G 1/2"

- Extra reinforced aluminium cast body through the heat treatment and industrial design
- Light and robust design
- 100% holding negative-acting hydraulic brake system
- Standard pressure roller and roller fairlead
- Easy assembly, high rope capacity and high torque hydromotor
- Standard manual rope unloading system
- CE Machinery Directive 2006/42/EC
- Meets SAE J706 rating

Rope Winding Layer	Pulling Capacity kg / lbs	Rope Speed m / min-ft / min	Rope Length m / ft
1	7800 kg / 17196 lbs	13 m/min - 42.6 ft/min	8.4 m / 27.5 ft
2	6487 kg / 14299 lbs	15.5 m/min - 50.8 ft/min	18.3 m / 60 ft
3	5552 kg / 12238 lbs	18 m/min - 59 ft/min	29.8 m / 97.7 ft
4	4853 kg / 10696 lbs	20.7 m/min - 68 ft/min	43 m / 141 ft

**Warning!**

- Before operating the winch, A-B lines must be to T line (tank line) of the control valve in center position.
- This winch is designed and manufactured for pulling, don't lift person or material.
- Always keep last 5 wrap on the drum.
- The technical details given above are just for information.
- HAMMER WINCH keeps the right to change the technical details.
- Pneumatic working pressure: Min 9 bar - Max 12 bar (Min 130 psi - Max 174 psi)



Manual Clutch

Air Clutch



**SAE**

**Specifications**

- Max. pulling capacity (kg / lbs) : 7800 kg (17196 lbs)
- Max. Rope length (m / ft) : 43 m (141ft)
- Recommended wire rope (mm / in) : 14 mm (5/9") 1960 Mpa
- Hydromotor (cc / in<sup>3</sup>) : 400 cc (24 in<sup>3</sup>)
- Max. pump flow (L / min - g / min) : 75 L/min (19.8 g/min)
- Gear ratio : 5,2 : 1
- Oil types and capacity : 85W 90 - 0,9 L
- Max. working pressure (bar / psi) : 208 bar (3016 psi)

**Winch: (kg / lbs)**

102 kg (224,8 lbs)

**Roller Fairlead: (kg / lbs)**

11 kg (24,2 lbs)

**Cable Tensioner: (kg / lbs)**

4,5 kg (9,9 lbs)

**Mounting Bolts**

16 pieces M12

**Standards**

Cable Tensioner

Roller Fairlead

Manual Clutch

**Optional**

Air Clutch

IP67 - IP68

**Hydraulic Inlets**

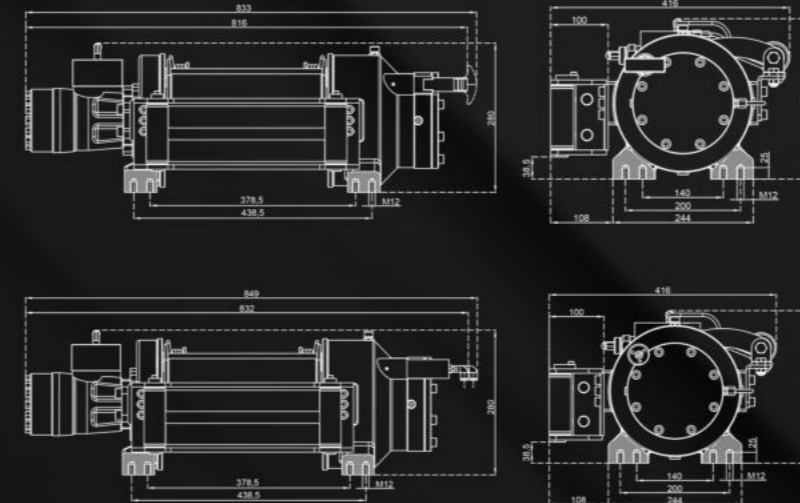
G 1/2"

- Extra reinforced steel cast body through the heat treatment and industrial design
- Light and robust design
- 100% holding negative-acting hydraulic brake system
- Standard pressure roller and roller fairlead
- Easy assembly, high rope capacity and high torque hydromotor
- Standard manual rope unloading system
- CE Machinery Directive 2006/42/EC
- Meets SAE J706 rating

Rope Winding Layer	Pulling Capacity kg / lbs	Rope Speed m / min-ft / min	Rope Length m / ft
1	7800 kg / 17196 lbs	13 m/min - 42.6 ft/min	8.4 m / 27.5 ft
2	6487 kg / 14299 lbs	15.5 m/min - 50.8 ft/min	18.3 m / 60 ft
3	5552 kg / 12238 lbs	18 m/min - 59 ft/min	29.8 m / 97.7 ft
4	4853 kg / 10696 lbs	20.7 m/min - 68 ft/min	43 m / 141 ft

**Warning!**

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- This winch is designed and manufactured for pulling, don't lift person or material.
- Always keep last 5 wrap on the drum.
- The technical details given above are just for information.
- HAMMER WINCH keeps the right to change the technical details.
- Pneumatic working pressure: Min 9 bar - Max 12 bar (Min 130 psi - Max 174 psi)



Manual Clutch

Air Clutch







**SAE**

**Specifications**

Max. pulling capacity (kg / lbs) : 3630 kg (8000 lbs)  
 Max. Rope length (m/ ft) : 51,8 m (170 ft)  
 Recommended wire rope (mm / in) : 10 mm (3/8") 1960 Mpa  
 Hydromotor (cc / in3) : 315 cc (18.4 in<sup>3</sup>)  
 Max. pump flow (L / min - g / min) : 60 L/min (15.8 g/min)  
 Gear ratio : 5,6 : 1  
 Oil types and capacity : 85W 90 - 0,75 L  
 Max. working pressure (bar / psi) : 110 bar (1595 psi)

**Winch: (kg / lbs)**

59,5 kg (130,9 lbs)

**Roller Fairlead: (kg / lbs)**

6 kg (13,22 lbs)

**Cable Tensioner: (kg / lbs)**

2,5 kg (5,51 lbs)

**Mounting Bolts**

8 pieces M14 8,8

**Standards**

Cable Tensioner

Roller Fairlead

Manual Clutch

**Optional**

Air Clutch

IP67 - IP68

**Hydraulic Inlets**

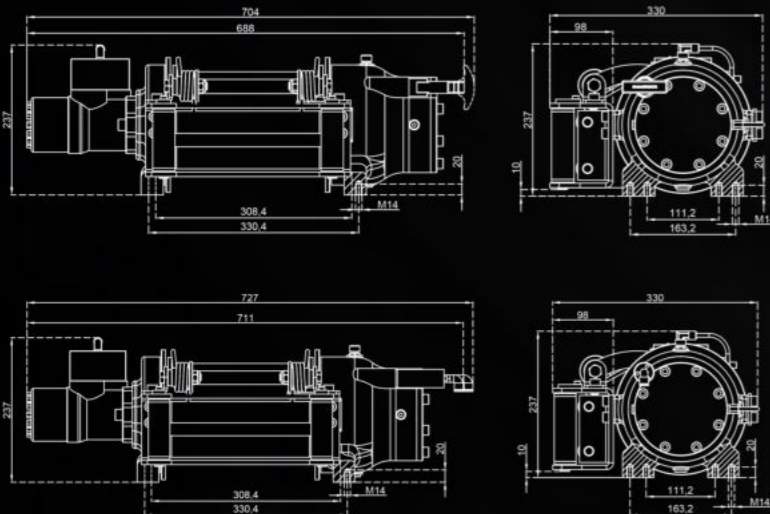
G 1/2"

- Extra reinforced steel cast body through the heat treatment and industrial design
- Light and robust design
- 100% holding negative-acting hydraulic brake system
- Standard pressure roller and roller fairlead
- Easy assembly, high rope capacity and high torque hydromotor
- Standard manual rope unloading system
- CE Machinery Directive 2006/42/EC
- Meets SAE J706 rating

Rope Winding Layer	Pulling Capacity kg / lbs	Rope Speed m / min-ft / min	Rope Length m / ft
1	3630 kg / 8000 lbs	11 m/min - 36 ft/min	8 m / 26.2 ft
2	3124 kg / 6887 lbs	12.7 m/min - 41.8 ft/min	16.8 m / 55.1 ft
3	2742 kg / 6045 lbs	14.5 m/min - 47.6 ft/min	27.4 m / 89.9 ft
4	2444 kg / 5387 lbs	16.3 m/min - 53.4 ft/min	38.7 m / 126.9 ft
5	2204 kg / 4858 lbs	18 m/min - 59 ft/min	51.8 m / 170 ft

**Warning!**

- Before operating the winch, A-B lines must be to T line (tank line) of the control valve in center position.
- This winch is designed and manufactured for pulling, don't lift person or material.
- Always keep last 5 wrap on the drum.
- The technical details given above are just for information.
- HAMMER WINCH keeps the right to change the technical details.
- Pneumatic working pressure: Min 9 bar - Max 12 bar (Min 130 psi - Max 174 psi)



Manual Clutch



Air Clutch



**SAE**

**Specifications**

Max. pulling capacity (kg / lbs) : 4537 kg (10000 lbs)  
 Max. Rope length (m/ ft) : 33,5 m (109,5 ft)  
 Recommended wire rope (mm / in) : 12 mm (1/2") 1960 Mpa  
 Hydromotor (cc / in3) : 315 cc (18.4 in<sup>3</sup>)  
 Max. pump flow (L / min - g / min) : 60 L/min (15.8 g/min)  
 Gear ratio : 5,6 : 1  
 Oil types and capacity : 85W 90 - 0,75 L  
 Max. working pressure (bar / psi) : 140 bar (2030 psi)

**Winch: (kg / lbs)**

59,5 kg (130,9 lbs)

**Roller Fairlead: (kg / lbs)**

6 kg (13,22 lbs)

**Cable Tensioner: (kg / lbs)**

2,5 kg (5,51 lbs)

**Mounting Bolts**

8 pieces M14 8,8

**Standards**

Cable Tensioner

Roller Fairlead

Manual Clutch

**Optional**

Air Clutch

IP67 - IP68

**Hydraulic Inlets**

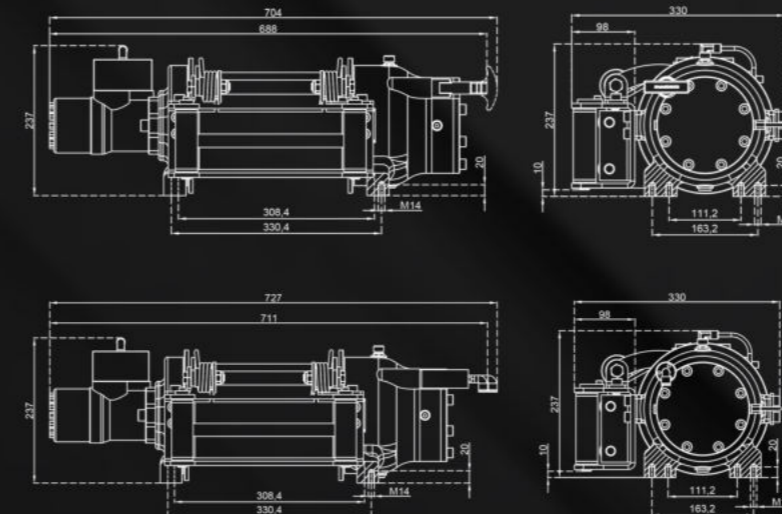
G 1/2"

- Extra reinforced steel cast body through the heat treatment and industrial design
- Light and robust design
- 100% holding negative-acting hydraulic brake system
- Standard pressure roller and roller fairlead
- Easy assembly, high rope capacity and high torque hydromotor
- Standard manual rope unloading system
- CE Machinery Directive 2006/42/EC
- Meets SAE J706 rating

Rope Winding Layer	Pulling Capacity kg / lbs	Rope Speed m / min-ft / min	Rope Length m / ft
1	4537 kg / 10000 lbs	11 m/min - 36.6 ft/min	6.7 m / 22 ft
2	3813 kg / 8406 lbs	13.3 m/min - 43.5 ft/min	14.2 m / 46.5 ft
3	3289 kg / 7250 lbs	15.4 m/min - 50.5 ft/min	23.5 m / 77 ft
4	2891 kg / 6373 lbs	17.5 m/min - 57.4 ft/min	33.5 m / 109.5 ft

**Warning!**

- Before operating the winch, A-B lines must be to T line (tank line) of the control valve in center position.
- This winch is designed and manufactured for pulling, don't lift person or material.
- Always keep last 5 wrap on the drum.
- The technical details given above are just for information.
- HAMMER WINCH keeps the right to change the technical details.
- Pneumatic working pressure: Min 9 bar - Max 12 bar (Min 130 psi - Max 174 psi)



Manual Clutch



Air Clutch







**SAE**

- Extra reinforced steel cast body through the heat treatment and industrial design
- Light and robust design
- 100% holding negative-acting hydraulic brake system
- Standard pressure roller and roller fairlead
- Easy assembly, high rope capacity and high torque hydromotor
- Standard manual rope unloading system
- CE Machinery Directive 2006/42/EC
- Meets SAE J706 rating

**Specifications**

Max. pulling capacity (kg / lbs) : 5445 kg (12000 lbs)  
 Max. Rope length (m / ft) : 33,5 m (109,5 ft)  
 Recommended wire rope (mm / in) : 12 mm (1/2") 1960 Mpa  
 Hydromotor (cc / in<sup>3</sup>) : 315 cc (18.4 in<sup>3</sup>)  
 Max. pump flow (L / min - g / min) : 60 L/min (15.8 g/min)  
 Gear ratio : 5,6 : 1  
 Oil types and capacity : 85W 90 - 0,75 L  
 Max. working pressure (bar / psi) : 165 bar (2393 psi)

**Winch: (kg / lbs)**

59,5 kg (130,9 lbs)

**Roller Fairlead: (kg / lbs)**

6 kg (13,22 lbs)

**Cable Tensioner: (kg / lbs)**

2,5 kg (5,51 lbs)

**Mounting Bolts**

8 pieces M14 8,8

**Standards**

Cable Tensioner

Roller Fairlead

Manual Clutch

**Optional**

Air Clutch

IP67 - IP68

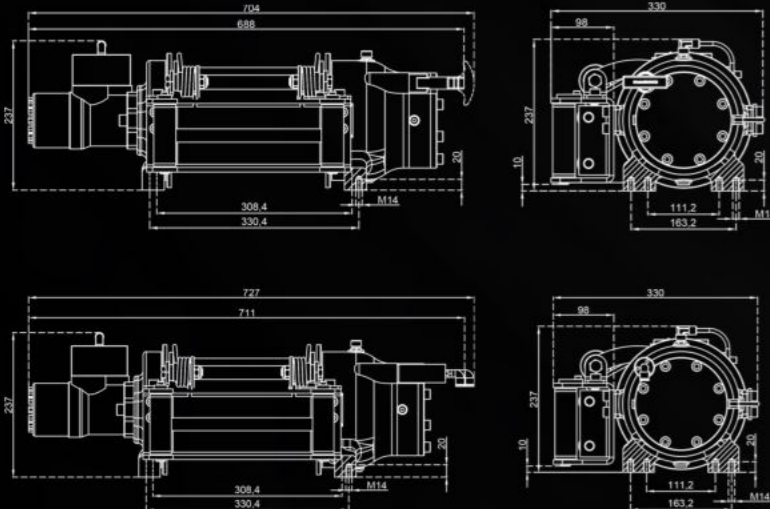
**Hydraulic Inlets**

G 1/2"

Rope Winding Layer	Pulling Capacity kg / lbs	Rope Speed m / min-ft / min	Rope Length m / ft
1	5445 kg / 12000 lbs	11 m/min - 36.6 ft/min	6.7 m / 22 ft
2	4576 kg / 10087 lbs	13.3 m/min - 43.5 ft/min	14.2 m / 46.5 ft
3	3947 kg / 8699 lbs	15.4 m/min - 50.5 ft/min	23.5 m / 77 ft
4	3469 kg / 7648 lbs	17.5 m/min - 57.4 ft/min	33.5 m / 109.5 ft

**Warning!**

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- HAMMER WINCH keeps the right to change the technical details.
- Pneumatic working pressure: Min 9 bar - Max 12 bar (Min 130 psi - Max 174 psi)



Manual Clutch



Air Clutch



**SAE**

- Extra reinforced steel cast body through the heat treatment and industrial design
- Light and robust design
- 100% holding negative-acting hydraulic brake system
- Standard pressure roller and roller fairlead
- Easy assembly, high rope capacity and high torque hydromotor
- Standard manual rope unloading system
- CE Machinery Directive 2006/42/EC
- Meets SAE J706 rating

**Specifications**

Max. pulling capacity (kg / lbs) : 6125 kg (13500 lbs)  
 Max. Rope length (m / ft) : 31 m (101 ft)  
 Recommended wire rope (mm / in) : 14 mm (5/9") 1960 Mpa  
 Hydromotor (cc / in<sup>3</sup>) : 400 cc (24 in<sup>3</sup>)  
 Max. pump flow (L / min - g / min) : 60 L/min (15.8 g/min)  
 Gear ratio : 5,2 : 1  
 Oil types and capacity : 85W 90 - 0,9 L  
 Max. working pressure (bar / psi) : 175 bar (2538 psi)

**Winch: (kg / lbs)**

90 kg (198,4 lbs)

**Roller Fairlead: (kg / lbs)**

9 kg (19,7 lbs)

**Cable Tensioner: (kg / lbs)**

4 kg (9 lbs)

**Mounting Bolts**

16 pieces M12

**Standards**

Cable Tensioner

Roller Fairlead

Manual Clutch

**Optional**

Air Clutch

IP67 - IP68

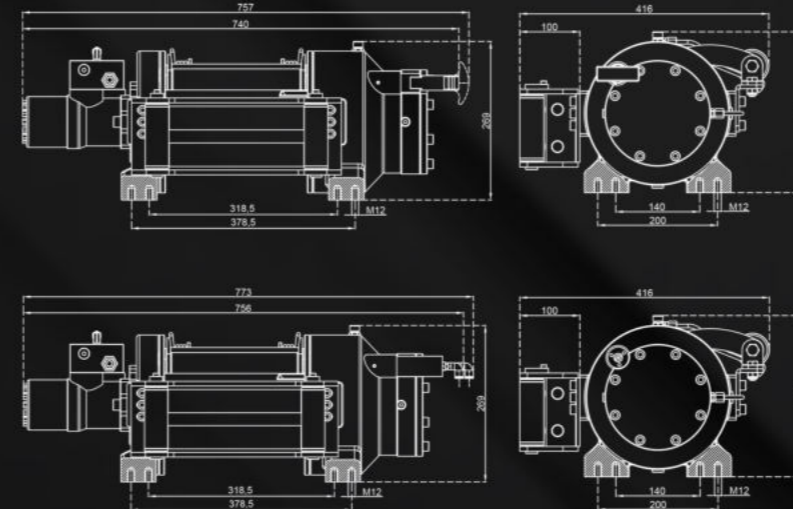
**Hydraulic Inlets**

G 1/2"

Rope Winding Layer	Pulling Capacity kg / lbs	Rope Speed m / min-ft / min	Rope Length m / ft
1	6125 kg / 13500 lbs	10.3 m/min - 33.8 ft/min	6.2 m / 20 ft
2	5093 kg / 11226 lbs	12.4 m/min - 40.6 ft/min	13m / 43 ft
3	4359 kg / 9608 lbs	14.5 m/min - 47.5 ft/min	21.7 m / 71 ft
4	3810 kg / 8397 lbs	16.5 m/min - 54.4 ft/min	31 / 101 ft

**Warning!**

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- Always keep last 5 wrap on the drum.
- The technical details given above are just for information.
- HAMMER WINCH keeps the right to change the technical details.
- Pneumatic working pressure: Min 9 bar - Max 12 bar (Min 130 psi - Max 174 psi)



Manual Clutch



Air Clutch







**SAE**

**Specifications**

Max. pulling capacity (kg / lbs) : 7033 kg (15500 lbs)  
 Max. Rope length (m / ft) : 39 m (128 ft)  
 Recommended wire rope (mm / in) : 14 mm (5/8") 1960 Mpa  
 Hydromotor (cc / in<sup>3</sup>) : 400 cc (24 in<sup>3</sup>)  
 Max. pump flow (L / min - g / min) : 75 L/min (19.8 g/min)  
 Gear ratio : 5,2 : 1  
 Oil types and capacity : 85W 90 - 0,9 L  
 Max. working pressure (bar / psi) : 190 bar (2755 psi)

**Winch: (kg / lbs)**

102 kg (224,8 lbs)

**Roller Fairlead: (kg / lbs)**

11 kg (24,2 lbs)

**Cable Tensioner: (kg / lbs)**

4,5 kg (9,9 lbs)

**Mounting Bolts**

16 pieces M12

**Standards**

Cable Tensioner

Roller Fairlead

Manual Clutch

**Optional**

Air Clutch

IP67 - IP68

**Hydraulic Inlets**

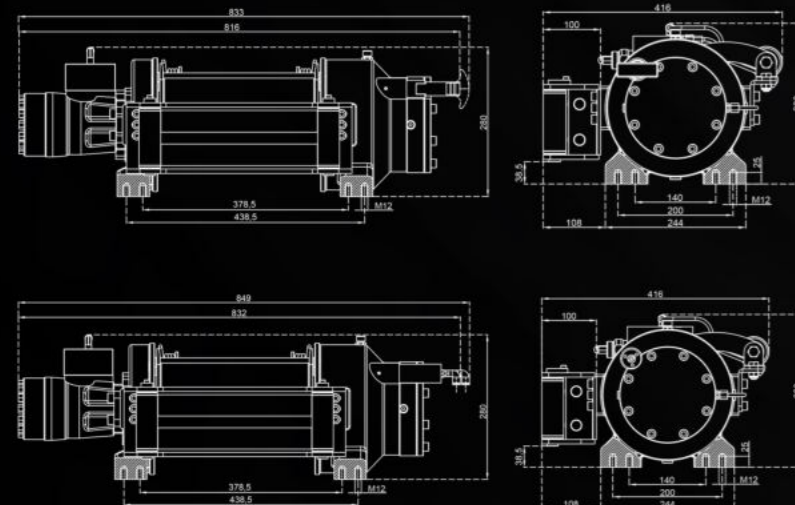
G 1/2"

- Extra reinforced steel cast body through the heat treatment and industrial design
- Light and robust design
- 100% holding negative-acting hydraulic brake system
- Standard pressure roller and roller fairlead
- Easy assembly, high rope capacity and high torque hydromotor
- Standard manual rope unloading system
- CE Machinery Directive 2006/42/EC
- Meets SAE J706 rating

Rope Winding Layer	Pulling Capacity kg / lbs	Rope Speed m / min-ft / min	Rope Length m / ft
1	7033 kg / 15500 lbs	12.9 m/min - 42.3 ft/min	7.7 m / 25.2 ft
2	5849 kg / 12893 lbs	15.5 m/min - 50.8 ft/min	16.5 m / 54 ft
3	5006 kg / 11034 lbs	18 m/min - 59 ft/min	27 m / 89 ft
4	4375 kg / 9644 lbs	20.7 m/min - 68 ft/min	39 / 128 ft

**Warning!**

- Before operating the winch, A-B lines must be to T line (tank line) of the control valve in center position.
- This winch is designed and manufactured for pulling, don't lift person or material.
- Always keep last 5 wrap on the drum.
- The technical details given above are just for information.
- HAMMER WINCH keeps the right to change the technical details.
- Pneumatic working pressure: Min 9 bar - Max 12 bar (Min 130 psi - Max 174 psi)



Manual Clutch

Air Clutch



**SAE**

**Specifications**

Max. pulling capacity (kg / lbs) : 8167 kg (18000 lbs)  
 Max. Rope length (m / ft) : 36,6 m (120 ft)  
 Recommended wire rope (mm / in) : 16 mm (5/8") 1960 Mpa  
 Hydromotor (cc / in<sup>3</sup>) : 400 cc (24 in<sup>3</sup>)  
 Max. pump flow (L / min - g / min) : 75 L/min (19.8 g/min)  
 Gear ratio : 5,2 : 1  
 Oil types and capacity : 85W 90 - 0,9 L  
 Max. working pressure (bar / psi) : 220 bar (3190 psi)

**Winch: (kg / lbs)**

102 kg (224,8 lbs)

**Roller Fairlead: (kg / lbs)**

11 kg (24,2 lbs)

**Cable Tensioner: (kg / lbs)**

4,5 kg (9,9 lbs)

**Mounting Bolts**

16 pieces M12

**Standards**

Cable Tensioner

Roller Fairlead

Manual Clutch

**Optional**

Air Clutch

IP67 - IP68

**Hydraulic Inlets**

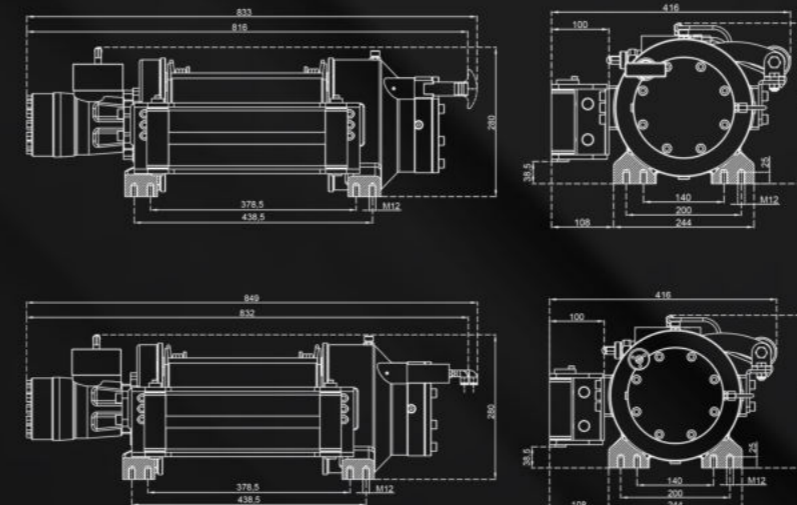
G 1/2"

- Extra reinforced steel cast body through the heat treatment and industrial design
- Light and robust design
- 100% holding negative-acting hydraulic brake system
- Standard pressure roller and roller fairlead
- Easy assembly, high rope capacity and high torque hydromotor
- Standard manual rope unloading system
- CE Machinery Directive 2006/42/EC
- Meets SAE J706 rating

Rope Winding Layer	Pulling Capacity kg / lbs	Rope Speed m / min-ft / min	Rope Length m / ft
1	8167 kg / 18000 lbs	13 m/min - 43 ft/min	7 m / 23 ft
2	6655 kg / 14669 lbs	16 m/min - 52.5 ft/min	15.3 m / 50 ft
3	5616 kg / 12378 lbs	19 m/min - 62.5 ft/min	25.4 m / 83.3 ft
4	4857 kg / 10706 lbs	22 m/min - 72.2 ft/min	36.6 / 120 ft

**Warning!**

- Before operating the winch, A-B lines must be to T line (tank line) of the control valve in center position.
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- The technical details given above are just for information.
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- Pneumatic working pressure: Min 9 bar - Max 12 bar (Min 130 psi - Max 174 psi)



Manual Clutch

Air Clutch

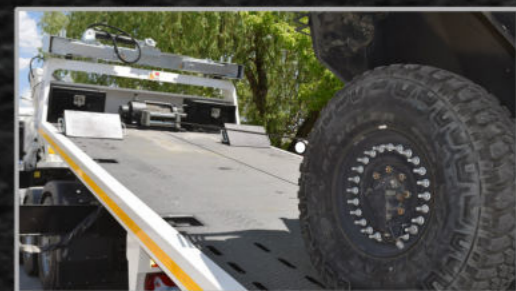




Since  
2003

# MEDIUM SERIES

HAMMER **WINCH**







**Specifications**

Max. pulling capacity (kg / lbs) : 10000 kg (22040 lbs)  
 Max. Rope length (m / ft) : 58.3 m (191 ft)  
 Max. rope length for EN (m / ft) : 41.2 m (135 ft)  
 Recommended wire rope (mm / in) : 16mm (7/11") 2160 Mpa  
 Hydromotor (cc / in<sup>3</sup>) : 160 cc (9.6 in<sup>3</sup>)  
 Max. pump flow (L / min - g / min) : 60 L/min (15.8 g/min)  
 Gear ratio : 28 : 1  
 Oil types and capacity : 85W 90 - 2 L  
 Max. working pressure (bar / psi) : 175 bar (2537 psi)

**Winch: (kg / lbs)**

197 kg (434 lbs)  
**Roller Fairlead: (kg / lbs)**  
 18 kg (39,6 lbs)  
**Cable Tensioner: (kg / lbs)**  
 8 kg (18 lbs)  
**Mounting Bolts**  
 16 pieces M16 8,8

**Standards**

Cable Tensioner Manual Clutch  
 Roller Fairlead  
**Optional**  
 Air Clutch  
 IP67 - IP68  
 Pneumatic Cable Tensioner  
**Hydraulic Inlets**  
 G 1/2"

- Extra reinforced steel cast body through the heat treatment and industrial design
- Light and robust design
- 100% holding negative-acting hydraulic brake system
- Standard pressure roller and roller fairlead
- Easy assembly, high rope capacity and high torque hydromotor
- Standard manual rope unloading system
- EN 14492-1 : 2006 Power driven winches supported
- CE Machinery Directive 2006/42/EC

Rope Winding Layer	Pulling Capacity kg / lbs	Rope Speed m / min-ft / min	Rope Length m / ft
1	10000 kg / 22040 lbs	7 m/min - 23 ft/min	12 m / 39 ft
2	8632 kg / 19026 lbs	8 m/min - 27 ft/min	25.4 m / 83.3 ft
EN 3	7594 kg / 16738 lbs	9 m/min - 30 ft/min	41.2 m / 135 ft
4	6779 kg / 14942 lbs	10 m/min - 34 ft/min	58.3 m / 191 ft

**Warning!**

- Before operating the winch, A-B lines must be to T line (tank line) of the control valve in center position.
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- Always keep last 5 wrap on the drum.
- The technical details given above are just for information.
- HAMMER WINCH keeps the right to change the technical details.
- Pneumatic working pressure: Min 9 bar - Max 12 bar (Min 130 psi - Max 174 psi)

Manual Clutch



Air Clutch



**Specifications**

Max. pulling capacity (kg / lbs) : 12600 kg (27773 lbs)  
 Max. Rope length (m / ft) : 53 m (173 ft)  
 Max. rope length for EN (m / ft) : 37 m (121 ft)  
 Recommended wire rope (mm / in) : 18 mm (7/11") 2160 Mpa  
 Hydromotor (cc / in<sup>3</sup>) : 200 cc (12 in<sup>3</sup>)  
 Max. pump flow (L / min - g / min) : 60 L/min (15.8 g/min)  
 Gear ratio : 28 : 1  
 Oil types and capacity : 85W 90 - 2 L  
 Max. working pressure (bar / psi) : 175 bar (2537 psi)

**Winch: (kg / lbs)**

200 kg (441 lbs)  
**Roller Fairlead: (kg / lbs)**  
 18 kg (39,6 lbs)  
**Cable Tensioner: (kg / lbs)**  
 8 kg (18 lbs)  
**Mounting Bolts**  
 16 pieces M16 8,8

**Standards**

Cable Tensioner Manual Clutch  
 Roller Fairlead  
**Optional**  
 Air Clutch  
 IP67 - IP68  
 Pneumatic Cable Tensioner  
**Hydraulic Inlets**  
 G 1/2"

- Extra reinforced steel cast body through the heat treatment and industrial design
- Light and robust design
- 100% holding negative-acting hydraulic brake system
- Standard pressure roller and roller fairlead
- Easy assembly, high rope capacity and high torque hydromotor
- Standard manual rope unloading system
- EN 14492-1 : 2006 Power driven winches supported
- CE Machinery Directive 2006/42/EC

Rope Winding Layer	Pulling Capacity kg / lbs	Rope Speed m / min-ft / min	Rope Length m / ft
1	12600 kg / 27773 lbs	6 m/min - 19 ft/min	10.7 m / 35 ft
2	10717 kg / 23620 lbs	7 m/min - 22 ft/min	22.8 m / 74.8 ft
EN 3	9323 kg / 20548 lbs	8 m/min - 26 ft/min	37 m / 121 ft
4	8250 kg / 18183 lbs	9 m/min - 29 ft/min	53 m / 173 ft

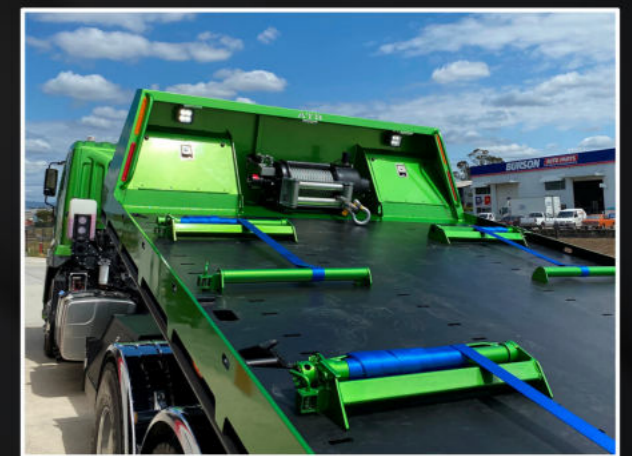
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- This winch is designed and manufactured for pulling, don't lift person or material.
- Always keep last 5 wrap on the drum.
- The technical details given above are just for information.
- HAMMER WINCH keeps the right to change the technical details.
- Pneumatic working pressure: Min 9 bar - Max 12 bar (Min 130 psi - Max 174 psi)

Manual Clutch



Air Clutch







**Specifications**

Max. pulling capacity (kg / lbs) : 14200 kg (31297 lbs)  
 Max. Rope length (m / ft) : 53 m (173 ft)  
 Max. rope length for EN (m / ft) : 37 m (121 ft)  
 Recommended wire rope (mm / in) : 18 mm (7/10") Compact 2160 Mpa  
 Hydromotor (cc / in<sup>3</sup>) : 250 cc (15 in<sup>3</sup>)  
 Max. pump flow (L / min - g / min) : 60 L/min (15.8 g/min)  
 Gear ratio : 28 : 1  
 Oil types and capacity : 85W 90 - 2 L  
 Max. working pressure (bar / psi) : 167 bar (2421 psi)

**Winch: (kg / lbs)**

201 kg (443 lbs)  
**Roller Fairlead: (kg / lbs)**  
 18 kg (40 lbs)  
**Cable Tensioner: (kg / lbs)**  
 8 kg (18 lbs)  
**Mounting Bolts**  
 16 pieces M16 8,8

**Standards**

Cable Tensioner Manual Clutch  
 Roller Fairlead  
**Optional**  
 Air Clutch  
 IP67 - IP68  
 Air cable tensioner  
**Hydraulic Inlets**  
 G 1/2"

- Extra reinforced steel cast body through the heat treatment and industrial design
- Light and robust design
- 100% holding negative-acting hydraulic brake system
- Standard pressure roller and roller fairlead
- Easy assembly, high rope capacity and high torque hydromotor
- Standard manual rope unloading system
- EN 14492-1 : 2006 Power driven winches supported
- CE Machinery Directive 2006/42/EC

Rope Winding Layer	Pulling Capacity kg / lbs	Rope Speed m / min-ft / min	Rope Length m / ft
<b>1</b>	14200 kg / 31297 lbs	4 m/min - 15 ft/min	10.7 m / 35 ft
<b>2</b>	12076 kg / 26617 lbs	5 m/min - 17 ft/min	22.8 m / 74.8 ft
<b>EN 3</b>	10506 kg / 23155 lbs	6 m/min - 20 ft/min	37 m / 121 ft
<b>4</b>	9297 kg / 20490 lbs	7 m/min - 23 ft/min	53 m / 173 ft

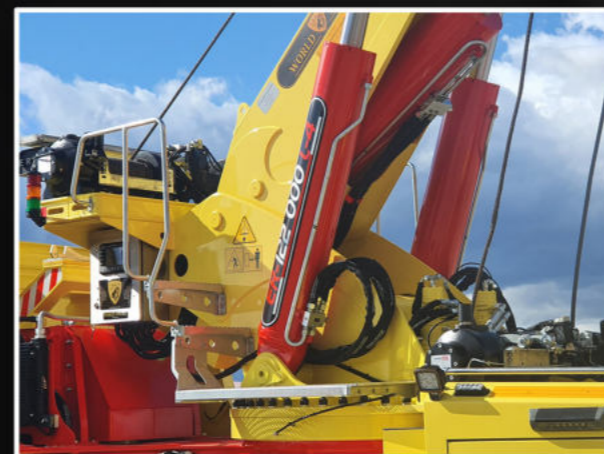
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- Always keep last 5 wrap on the drum.
- The technical details given above are just for information.
- HAMMER WINCH keeps the right to change the technical details.
- Pneumatic working pressure: Min 9 bar - Max 12 bar (Min 130 psi - Max 174 psi)

Manual Clutch



Air Clutch



**Specifications**

Max. pulling capacity (kg / lbs) : 10000 kg (22040 lbs)  
 Max. Rope length (m / ft) : 51,3 m (168,2 ft)  
 Recommended wire rope (mm / in) : 16 mm (7/11") 1960 Mpa  
 Hydromotor (cc / in<sup>3</sup>) : 160 cc (10 in<sup>3</sup>)  
 Max. pump flow (L / min - g / min) : 60 L/min (15.8 g/min)  
 Gear ratio : 28 : 1  
 Oil types and capacity : 85W 90 - 2 L  
 Max. working pressure (bar / psi) : 145 bar (2103 psi)

**Winch: (kg / lbs)**

184 kg (405 lbs)  
**Roller Fairlead: (kg / lbs)**  
 18 kg (39,6 lbs)  
**Cable Tensioner: (kg / lbs)**  
 8 kg (18 lbs)  
**Mounting Bolts**  
 16 pieces M16 8,8

**Standards**

Cable Tensioner  
 Roller Fairlead  
 Manual Clutch  
**Optional**  
 Air Clutch  
 IP67 - IP68  
 Pneumatic Cable Tensioner  
**Hydraulic Inlets**  
 G 1/2"

- Extra reinforced steel cast body through the heat treatment and industrial design
- Light and robust design
- 100% holding negative-acting hydraulic brake system
- Standard pressure roller and roller fairlead
- Easy assembly, high rope capacity and high torque hydromotor
- Standard manual rope unloading system
- CE Machinery Directive 2006/42/EC
- Meets SAE J706 rating

Rope Winding Layer	Pulling Capacity kg / lbs	Rope Speed m / min-ft / min	Rope Length m / ft
<b>1</b>	10000 kg / 22040 lbs	6.3 m/min - 20.6 ft/min	10.2 m / 33.5 ft
<b>2</b>	8502 kg / 18739 lbs	7.4 m/min - 24.2 ft/min	21.9 m / 71.8 ft
<b>3</b>	7394 kg / 16298 lbs	8.5 m/min - 27.9 ft/min	35.8 m / 117.4 ft
<b>4</b>	6542 kg / 14420 lbs	9.6 m/min - 31.5 ft/min	51.3 m / 168.2 ft

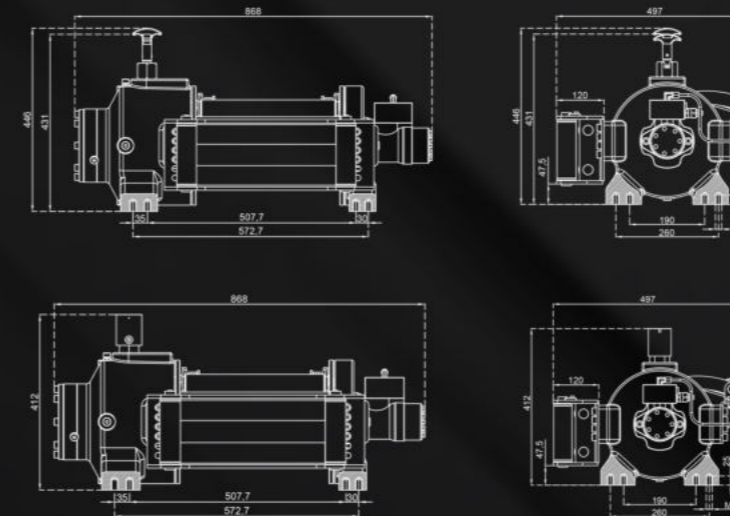
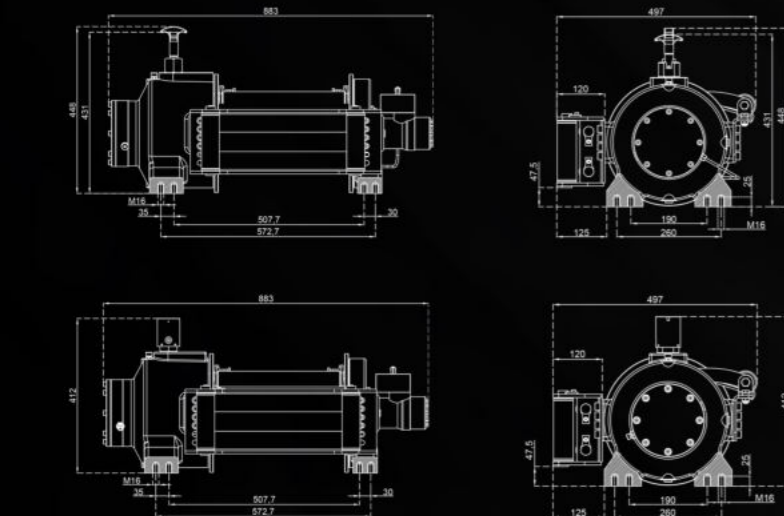
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- Always keep last 5 wrap on the drum.
- The technical details given above are just for information.
- HAMMER WINCH keeps the right to change the technical details.
- Pneumatic working pressure: Min 9 bar - Max 12 bar (Min 130 psi - Max 174 psi)

Manual Clutch



Air Clutch







**SAE**

**Specifications**

- Max. pulling capacity (kg / lbs) : 10000 kg (22040 lbs)
- Max. Rope length (m / ft) : 33 m (108,2 ft)
- Recommended wire rope (mm / in) : 16 mm (7/11") 1960 Mpa
- Hydromotor (cc / in<sup>3</sup>) : 160 cc (10 in<sup>3</sup>)
- Max. pump flow (L / min - g / min) : 60 L/min (15.8 g/min)
- Gear ratio : 28 : 1
- Oil types and capacity : 85W 90 - 2 L
- Max. working pressure (bar / psi) : 145 bar (2103 psi)

**Winch: (kg / lbs)**

178 kg (392,3 lbs)

**Roller Fairlead: (kg / lbs)**

14,3 kg (31,5 lbs)

**Cable Tensioner: (kg / lbs)**

4,7 kg (10,35 lbs)

**Mounting Bolts**

16 pieces M16 8,8

**Standards**

Cable Tensioner

Roller Fairlead

Manual Clutch

**Optional**

Air Clutch

IP67 - IP68

Pneumatic Cable Tensioner

**Hydraulic Inlets**

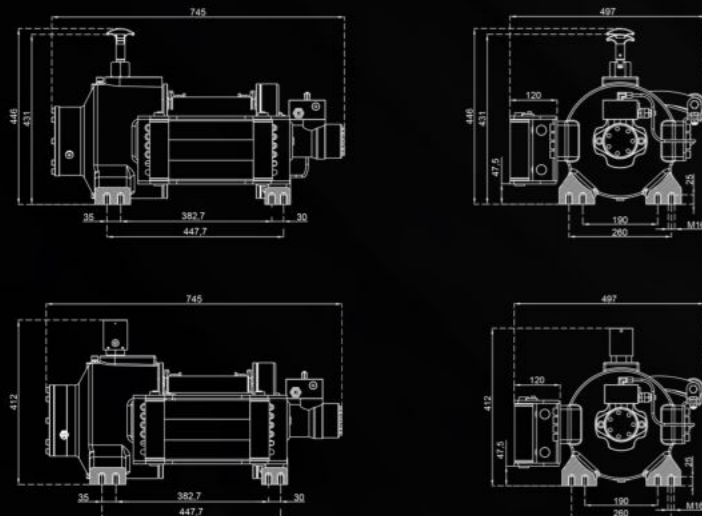
G 1/2"

- Extra reinforced steel cast body through the heat treatment and industrial design
- Light and robust design
- 100% holding negative-acting hydraulic brake system
- Standard pressure roller and roller fairlead
- Easy assembly, high rope capacity and high torque hydromotor
- Standard manual rope unloading system
- CE Machinery Directive 2006/42/EC
- Meets SAE J706 rating

Rope Winding Layer	Pulling Capacity kg / lbs	Rope Speed m / min-ft / min	Rope Length m / ft
1	10000 kg / 22040 lbs	6.3 m/min - 20.6 ft/min	6.3 m / 20.6 ft
2	8502 kg / 18739 lbs	7.4 m/min - 24.2 ft/min	13.8 m / 45.2 ft
3	7394 kg / 16298 lbs	8.5 m/min - 27.9 ft/min	22.7 m / 74.4 ft
4	6542 kg / 14420 lbs	9.6 m/min - 31.5 ft/min	33 m / 108.2 ft

**Warning!**

- Before operating the winch, A-B lines must be to T line (tank line) of the control valve in center position.
- This winch is designed and manufactured for pulling, don't lift person or material.
- Always keep last 5 wrap on the drum.
- The technical details given above are just for information.
- HAMMER WINCH keeps the right to change the technical details.
- Pneumatic working pressure: Min 9 bar - Max 12 bar (Min 130 psi - Max 174 psi)



Manual Clutch



Air Clutch



**SAE**

**Specifications**

- Max. pulling capacity (kg / lbs) : 12000 kg (26450 lbs)
- Max. Rope length (m / ft) : 51,3 m (168,2 ft)
- Recommended wire rope (mm / in) : 16 mm (7/11") 1960 Mpa
- Hydromotor (cc / in<sup>3</sup>) : 200 cc (12 in<sup>3</sup>)
- Max. pump flow (L / min - g / min) : 60 L/min (15.8 g/min)
- Gear ratio : 28 : 1
- Oil types and capacity : 85W 90 - 2 L
- Max. working pressure (bar / psi) : 135 bar (1958 psi)

**Winch: (kg / lbs)**

185 kg (408 lbs)

**Roller Fairlead: (kg / lbs)**

18 kg (39,6 lbs)

**Cable Tensioner: (kg / lbs)**

8 kg (17,6 lbs)

**Mounting Bolts**

16 pieces M16 8,8

**Standards**

Cable Tensioner

Roller Fairlead

Manual Clutch

**Optional**

Air Clutch

IP67 - IP68

Pneumatic Cable Tensioner

**Hydraulic Inlets**

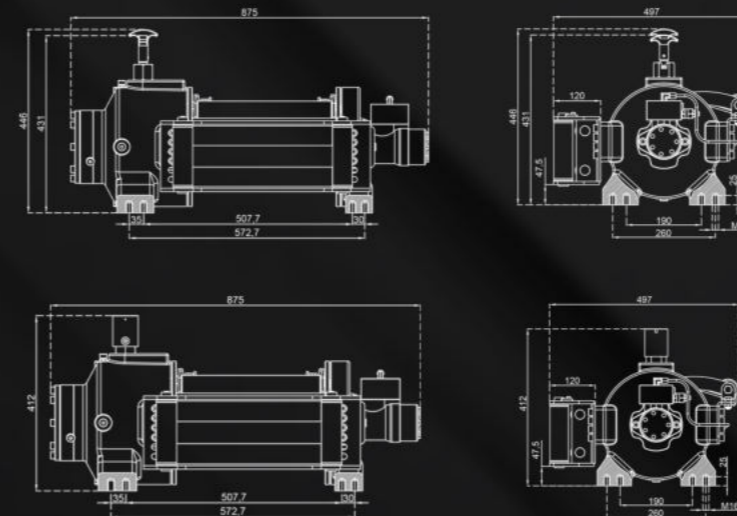
G 1/2"

- Extra reinforced steel cast body through the heat treatment and industrial design
- Light and robust design
- 100% holding negative-acting hydraulic brake system
- Standard pressure roller and roller fairlead
- Easy assembly, high rope capacity and high torque hydromotor
- Standard manual rope unloading system
- CE Machinery Directive 2006/42/EC
- Meets SAE J706 rating

Rope Winding Layer	Pulling Capacity kg / lbs	Rope Speed m / min-ft / min	Rope Length m / ft
1	12000 kg / 26450 lbs	5 m/min - 16.5 ft/min	10.2 m / 33.5 ft
2	10203 kg / 22489 lbs	5.9 m/min - 19.4 ft/min	21.9 m / 71.8 ft
3	8874 kg / 19560 lbs	6.8 m/min - 22.3 ft/min	35.8 m / 117.4 ft
4	7852 kg / 17306 lbs	7.7 m/min - 25.2 ft/min	51.3 m / 168.2 ft

**Warning!**

- Before operating the winch, A-B lines must be to T line (tank line) of the control valve in center position.
- This winch is designed and manufactured for pulling, don't lift person or material.
- Always keep last 5 wrap on the drum.
- The technical details given above are just for information.
- HAMMER WINCH keeps the right to change the technical details.
- Pneumatic working pressure: Min 9 bar - Max 12 bar (Min 130 psi - Max 174 psi)



Manual Clutch



Air Clutch







**SAE**

**Specifications**

- Max. pulling capacity (kg / lbs) : 12000 kg (26450 lbs)
- Max. Rope length (m/ ft) : 33 m (108,2 ft)
- Recommended wire rope (mm / in) : 16 mm (7/11") 1960 Mpa
- Hydromotor (cc / in<sup>3</sup>) : 200 cc (12 in<sup>3</sup>)
- Max. pump flow (L / min - g / min) : 60 L/min (15.8 g/min)
- Gear ratio : 28 : 1
- Oil types and capacity : 85W 90 - 2 L
- Max. working pressure (bar / psi) : 135 bar (1958 psi)

**Winch: (kg / lbs)**

180 kg (396,7 lbs)

**Roller Fairlead: (kg / lbs)**

14,3 kg (31,5 lbs)

**Cable Tensioner: (kg / lbs)**

4,7 kg (10,35 lbs)

**Mounting Bolts**

16 pieces M16 8,8

**Standards**

Cable Tensioner

Roller Fairlead

Manual Clutch

**Optional**

Air Clutch

IP67 - IP68

Pneumatic Cable Tensioner

**Hydraulic Inlets**

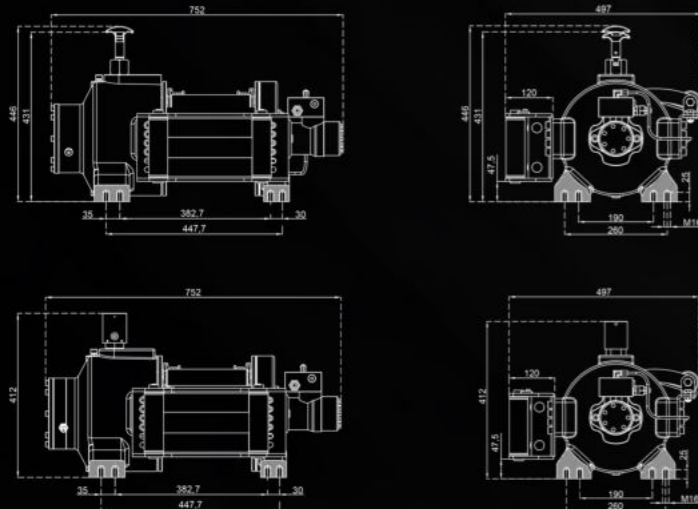
G 1/2"

- Extra reinforced steel cast body through the heat treatment and industrial design
- Light and robust design
- 100% holding negative-acting hydraulic brake system
- Standard pressure roller and roller fairlead
- Easy assembly, high rope capacity and high torque hydromotor
- Standard manual rope unloading system
- CE Machinery Directive 2006/42/EC
- Meets SAE J706 rating

Rope Winding Layer	Pulling Capacity kg / lbs	Rope Speed m / min-ft / min	Rope Length m / ft
1	12000 kg / 26450 lbs	5 m/min - 16.5 ft/min	6.3 m / 20.6 ft
2	10203 kg / 22489 lbs	5.9 m/min - 19.4 ft/min	13.8 m / 45.3 ft
3	8874 kg / 19560 lbs	6.8 m/min - 22.3 ft/min	22.7 m / 74.4 ft
4	7852 kg / 17306 lbs	7.7 m/min - 25.2 ft/min	33 m / 108.2 ft

**Warning!**

- Before operating the winch, A-B lines must be to T line (tank line) of the control valve in center position.
- This winch is designed and manufactured for pulling, don't lift person or material.
- Always keep last 5 wrap on the drum.
- The technical details given above are just for information.
- HAMMER WINCH keeps the right to change the technical details.
- Pneumatic working pressure: Min 9 bar - Max 12 bar (Min 130 psi - Max 174 psi)



Manual Clutch



Air Clutch



**SAE**

**Specifications**

- Max. pulling capacity (kg / lbs) : 15000 kg (33062 lbs)
- Max. Rope length (m/ ft) : 47,3 m (155 ft)
- Recommended wire rope (mm / in) : 18 mm (8/11") 1960 Mpa
- Hydromotor (cc / in<sup>3</sup>) : 250 cc (15 in<sup>3</sup>)
- Max. pump flow (L / min - g / min) : 60 L/min (15.8 g/min)
- Gear ratio : 28 : 1
- Oil types and capacity : 85W 90 - 2 L
- Max. working pressure (bar / psi) : 155 bar (2248 psi)

**Winch: (kg / lbs)**

187 kg (412 lbs)

**Roller Fairlead: (kg / lbs)**

18 kg (39,6 lbs)

**Cable Tensioner: (kg / lbs)**

8 kg (17,6 lbs)

**Mounting Bolts**

16 pieces M16 8,8

**Standards**

Cable Tensioner

Roller Fairlead

Manual Clutch

**Optional**

Air Clutch

IP67 - IP68

Pneumatic Cable Tensioner

**Hydraulic Inlets**

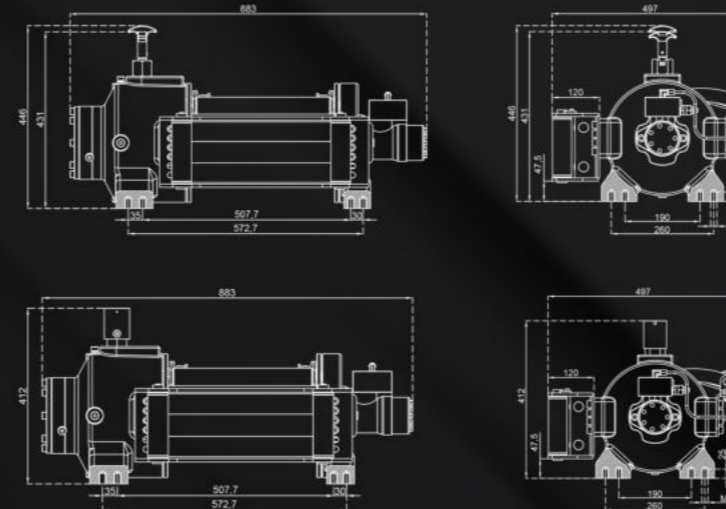
G 1/2"

- Extra reinforced steel cast body through the heat treatment and industrial design
- Light and robust design
- 100% holding negative-acting hydraulic brake system
- Standard pressure roller and roller fairlead
- Easy assembly, high rope capacity and high torque hydromotor
- Standard manual rope unloading system
- CE Machinery Directive 2006/42/EC
- Meets SAE J706 rating

Rope Winding Layer	Pulling Capacity kg / lbs	Rope Speed m / min-ft / min	Rope Length m / ft
1	15000 kg / 33062 lbs	4 m/min - 13.3 ft/min	9 m / 29.5 ft
2	12550 kg / 27660 lbs	4.9 m/min - 16 ft/min	19.7 m / 64.6 ft
3	10787 kg / 23776 lbs	5.7 m/min - 18.7 ft/min	32.5 m / 106.6 ft
4	9459 kg / 20848 lbs	6.4 m/min - 21 ft/min	47.3 m / 155 ft

**Warning!**

- Before operating the winch, A-B lines must be to T line (tank line) of the control valve in center position.
- This winch is designed and manufactured for pulling, don't lift person or material.
- Always keep last 5 wrap on the drum.
- The technical details given above are just for information.
- HAMMER WINCH keeps the right to change the technical details.
- Pneumatic working pressure: Min 9 bar - Max 12 bar (Min 130 psi - Max 174 psi)



Manual Clutch



Air Clutch







**Specifications**

- Max. pulling capacity (kg / lbs) : 15000 kg (33062 lbs)
- Max. Rope length (m/ ft) : 30 m (98,4 ft)
- Recommended wire rope (mm / in) : 18 mm (8/11") 1960 Mpa
- Hydromotor (cc / in<sup>3</sup>) : 250 cc (15 in<sup>3</sup>)
- Max. pump flow (L / min - g / min) : 60 L/min (15.8 g/min)
- Gear ratio : 28 : 1
- Oil types and capacity : 85W 90 - 2 L
- Max. working pressure (bar / psi) : 155 bar (2248 psi)

**Winch: (kg / lbs)**

182 kg (401,1 lbs)

**Roller Fairlead: (kg / lbs)**

14,3 kg (31,5 lbs)

**Cable Tensioner: (kg / lbs)**

4,7 kg (10,35 lbs)

**Mounting Bolts**

16 pieces M16 8,8

**Standards**

Cable Tensioner

Roller Fairlead

Manual Clutch

**Optional**

Air Clutch

IP67 - IP68

Pneumatic Cable Tensioner

**Hydraulic Inlets**

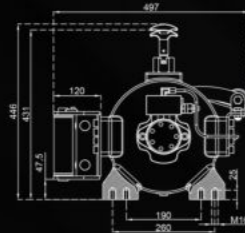
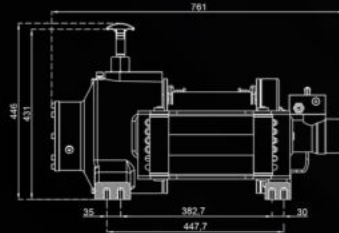
G 1/2"

- Extra reinforced steel cast body through the heat treatment and industrial design
- Light and robust design
- 100% holding negative-acting hydraulic brake system
- Standard pressure roller and roller fairlead
- Easy assembly, high rope capacity and high torque hydromotor
- Standard manual rope unloading system
- CE Machinery Directive 2006/42/EC
- Meets SAE J706 rating

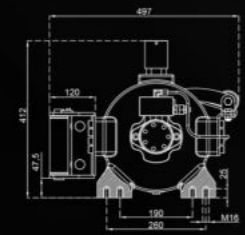
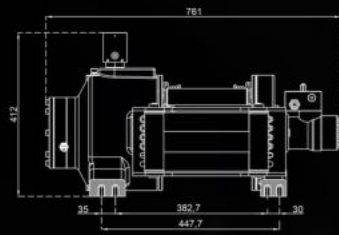
Rope Winding Layer	Pulling Capacity kg / lbs	Rope Speed m / min-ft / min	Rope Length m / ft
1	15000 kg / 33062 lbs	4 m/min - 13.3 ft/min	5.7 m / 18.7 ft
2	12550 kg / 27660 lbs	4.9 m/min - 16 ft/min	12.7 m / 41.6 ft
3	10787 kg / 23776 lbs	5.7 m/min - 18.7 ft/min	20.3 m / 66.6 ft
4	9459 kg / 20848 lbs	6.4 m/min - 21 ft/min	30 m / 98.4 ft

**Warning!**

- Before operating the winch, A-B lines must be to T line (tank line) of the control valve in center position.
- This winch is designed and manufactured for pulling, don't lift person or material.
- Always keep last 5 wrap on the drum.
- The technical details given above are just for information.
- HAMMER WINCH keeps the right to change the technical details.
- Pneumatic working pressure: Min 9 bar - Max 12 bar (Min 130 psi - Max 174 psi)



Manual Clutch



Air Clutch



Every product produced by Hammer Winch meets with the user after the tests are completed





Since  
2003

# HEAVY SERIES

HAMMER WINCH







**Specifications**

Max. pulling capacity (kg / lbs) : 20000 kg (44082 lbs)  
 Max. Rope length (m/ ft) : 77.4 m (254 ft)  
 Max. rope length for EN (m / ft) : 60.8 m (199 ft)  
 Recommended wire rope (mm / in) : 22 mm (7/8") Compact 1960 Mpa  
 Hydromotor (cc / in<sup>3</sup>) : 200 cc (12 in<sup>3</sup>)  
 Max. pump flow (L / min - g / min) : 75 L/min (19.8 g/min)  
 Gear ratio : 46 : 1  
 Oil types and capacity : 85W 140 - 1,5 L  
 Max. working pressure (bar / psi) : 200 bar (2900 psi)

**Winch: (kg / lbs)**

345 kg (760,4 lbs)

**Cable Tensioner: (kg / lbs)**

8 kg (17,6 lbs)

**Mounting Bolts**

8 pieces M22 8,8

**Hydraulic Inlets**

G 3/4"

**Standards**

Cable Tensioner

Air Clutch

**Optional**

IP67 - IP68

Pneumatic Cable Tensioner

Roller Fairlead

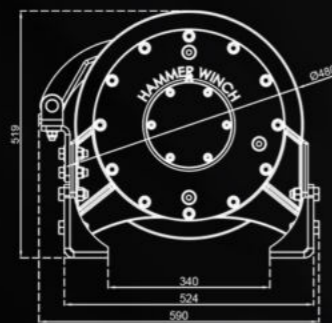
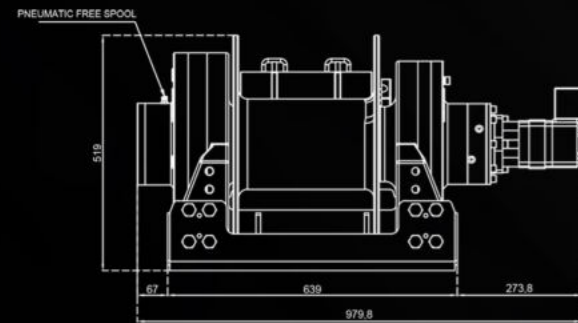
Double Speed Motor

- Extra reinforced steel cast body through the heat treatment and industrial design
- Light and robust design
- 100% holding negative-acting hydraulic brake system
- Standard pneumatic rope unloading system
- Easy assembly, high rope capacity and high torque hydromotor
- Two-stage planetary gear system
- EN 14492-1 : 2006 Power driven winches supported
- CE Machinery Directive 2006/42/EC

Rope Winding Layer	Pulling Capacity kg / lbs	Rope Speed m / min-ft / min	Rope Length m / ft
1	20000 kg / 44082 lbs	5 m/min - 16 ft/min	9.4 m / 30.8 ft
2	17040 kg / 37557 lbs	6 m/min - 20 ft/min	19.6 m / 64.3 ft
3	14843 kg / 32714 lbs	7 m/min - 23 ft/min	32 m / 105 ft
4	13147 kg / 28978 lbs	8 m/min - 26 ft/min	45.2 m / 148 ft
EN 5	11800 kg / 26007 lbs	9 m/min - 30 ft/min	60.8 m / 199 ft
6	10702 kg / 23589 lbs	10 m/min - 33 ft/min	77.4 m / 254 ft

**Warning!**

- Before operating the winch, A-B lines must be to T line (tank line) of the control valve in center position.
- This winch is designed and manufactured for pulling, don't lift person or material.
- Always keep last 5 wrap on the drum.
- The technical details given above are just for information.
- HAMMER WINCH keeps the right to change the technical details.
- Pneumatic working pressure: Min 9 bar - Max 12 bar (Min 130 psi - Max 174 psi)



**Specifications**

Max. pulling capacity (kg / lbs) : 22000 kg (48488 lbs)  
 Max. Rope length (m/ ft) : 77.4 m (254 ft)  
 Max. rope length for EN (m / ft) : 60.8 m (199 ft)  
 Recommended wire rope (mm / in) : 22 mm (7/8") Compact 2160 Mpa  
 Hydromotor (cc / in<sup>3</sup>) : 250 cc (15 in<sup>3</sup>)  
 Max. pump flow (L / min - g / min) : 75 L/min (19.8 g/min)  
 Gear ratio : 46 : 1  
 Oil types and capacity : 85W 140 - 1,5 L  
 Max. working pressure (bar / psi) : 170 bar (2465 psi)

**Winch: (kg / lbs)**

345 kg (760,4 lbs)

**Cable Tensioner: (kg / lbs)**

8 kg (17,6 lbs)

**Mounting Bolts**

8 pieces M22 8,8

**Hydraulic Inlets**

G 3/4"

**Standards**

Cable Tensioner

Air Clutch

**Optional**

IP67 - IP68

Pneumatic Cable Tensioner

Roller Fairlead

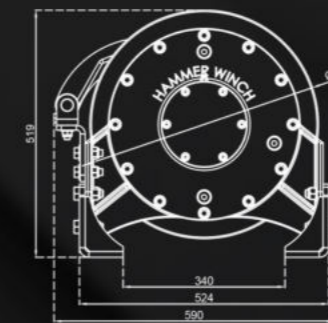
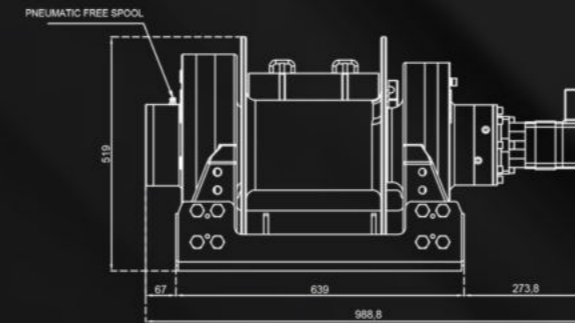
Double Speed Motor

- Extra reinforced steel cast body through the heat treatment and industrial design
- Light and robust design
- 100% holding negative-acting hydraulic brake system
- Standard pneumatic rope unloading system
- Easy assembly, high rope capacity and high torque hydromotor
- Two-stage planetary gear system
- EN 14492-1 : 2006 Power driven winches supported
- CE Machinery Directive 2006/42/EC

Rope Winding Layer	Pulling Capacity kg / lbs	Rope Speed m / min-ft / min	Rope Length m / ft
1	22000 kg / 48488 lbs	4.3 m/min - 14.2 ft/min	9.4 m / 30.8 ft
2	18743 kg / 41310 lbs	5 m/min - 16.4 ft/min	19.6 m / 64.3 ft
3	16326 kg / 35983 lbs	5.8 m/min - 19 ft/min	32 m / 105 ft
4	14461 kg / 31874 lbs	6.6 m/min - 21.6 ft/min	45.2 m / 148 ft
EN 5	12979 kg / 28606 lbs	7.3 m/min - 23.9 ft/min	60.8 m / 199 ft
6	11772 kg / 25947 lbs	8 m/min - 26.2 ft/min	77.4 m / 254 ft

**Warning!**

- Before operating the winch, A-B lines must be to T line (tank line) of the control valve in center position.
- This winch is designed and manufactured for pulling, don't lift person or material.
- Always keep last 5 wrap on the drum.
- The technical details given above are just for information.
- HAMMER WINCH keeps the right to change the technical details.
- Pneumatic working pressure: Min 9 bar - Max 12 bar (Min 130 psi - Max 174 psi)







- Extra reinforced steel cast body through the heat treatment and industrial design
- Light and robust design
- 100% holding negative-acting hydraulic brake system
- Standard pneumatic rope unloading system
- Easy assembly, compact design and high torque hydromotor
- Three-stage planetary gear system
- EN 14492-1 : 2006 Power driven winches supported
- CE Machinery Directive 2006/42/EC

**Specifications**

Max. pulling capacity (kg / lbs) : 25000 kg (55102 lbs)  
 Max. Rope length (m/ ft) : 66.2 m (217 ft)  
 Max. rope length for EN (m / ft) : 47.3 m (155 ft)  
 Recommended wire rope (mm / in) : 24 mm 2160 Mpa Compact  
 Hydromotor (cc / in<sup>3</sup>) : 125 cc (7.5 in<sup>3</sup>)  
 Max. pump flow (L / min - g / min) : 75 L/min (19.8 g/min)  
 Gear ratio : 114 : 1  
 Oil types and capacity : 85W 140 - 2,75 L  
 Max. working pressure (bar / psi) : 210 bar (3045 psi)

**Winch: (kg / lbs)**

583 kg (1285 lbs)

**Cable Tensioner: (kg / lbs)**

9 kg (19 lbs)

**Mounting Bolts**

8 pieces M24 8,8

**Hydraulic Inlets**

G 3/4"

**Standards**

Cable Tensioner

Air Clutch

**Optional**

IP67 - IP68

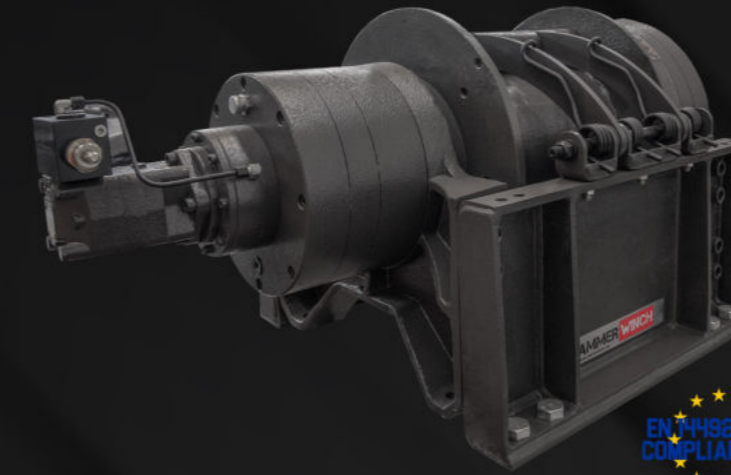
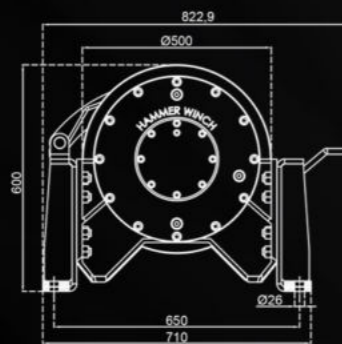
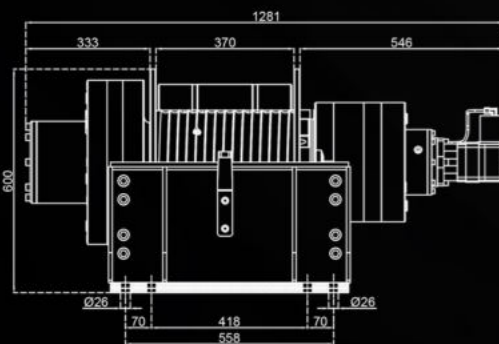
Pneumatic Cable Tensioner

Double Speed Motor

Rope Winding Layer	Pulling Capacity kg / lbs	Rope Speed m / min-ft / min	Rope Length m / ft
1	25000 kg / 55102 lbs	4.6 m/min - 15 ft/min	14 m / 45.9 ft
2	21835 kg / 48124 lbs	5.2 m/min - 17 ft/min	29.3 m / 96.1 ft
EN 3	19381 kg / 42715 lbs	5.9 m/min - 19.4 ft/min	47.3 m / 155 ft
4	17423 kg / 38400 lbs	6.5 m/min - 21.3 ft/min	66.2 m / 217 ft

**Warning!**

- Before operating the winch, A-B lines must be to T line (tank line) of the control valve in center position.
- This winch is designed and manufactured for pulling, don't lift person or material.
- Always keep last 5 wrap on the drum.
- The technical details given above are just for information.
- HAMMER WINCH keeps the right to change the technical details.
- Pneumatic working pressure: Min 9 bar - Max 12 bar (Min 130 psi - Max 174 psi)



- Extra reinforced steel cast body through the heat treatment and industrial design
- Light and robust design
- 100% holding negative-acting hydraulic brake system
- Standard pneumatic rope unloading system
- Easy assembly, compact design and high torque hydromotor
- Three-stage planetary gear system
- EN 14492-1 : 2006 Power driven winches supported
- CE Machinery Directive 2006/42/EC

**Specifications**

Max. pulling capacity (kg / lbs) : 30000 kg (66120 lbs)  
 Max. Rope length (m/ ft) : 64.9 m (212 ft)  
 Max. rope length for EN (m / ft) : 45.4 m (149 ft)  
 Recommended wire rope (mm / in) : 26 mm (1") 2160 Mpa Compact  
 Hydromotor (cc / in<sup>3</sup>) : 160 cc (9.6 in<sup>3</sup>)  
 Max. pump flow (L / min - g / min) : 75 L/min (19.8 g/min)  
 Gear ratio : 114 : 1  
 Oil types and capacity : 85W 140 - 2,75 L  
 Max. working pressure (bar / psi) : 190 bar (2755 psi)

**Winch: (kg / lbs)**

585 kg (1289,3 lbs)

**Cable Tensioner: (kg / lbs)**

9 kg (19 lbs)

**Mounting Bolts**

8 pieces M24 8,8

**Hydraulic Inlets**

G 3/4"

**Standards**

Cable Tensioner

Air Clutch

**Optional**

IP67 - IP68

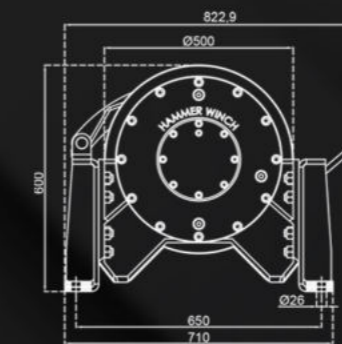
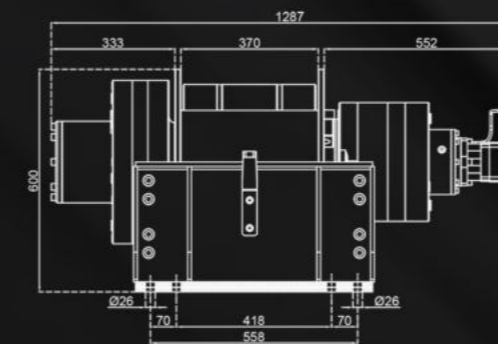
Pneumatic Cable Tensioner

Double Speed Motor

Rope Winding Layer	Pulling Capacity kg / lbs	Rope Speed m / min-ft / min	Rope Length m / ft
1	30000 kg / 66120 lbs	3.6 m/min - 11.8 ft/min	13.2 m / 43.3 ft
2	25956 kg / 57209 lbs	4.1 m/min - 13.4 ft/min	27.6 m / 90.5 ft
EN 3	22872 kg / 50412 lbs	4.7 m/min - 15.4 ft/min	45.4 m / 149 ft
4	20443 kg / 45058 lbs	5.3 m/min - 17.4 ft/min	64.9 m / 212 ft

**Warning!**

- Before operating the winch, A-B lines must be to T line (tank line) of the control valve in center position.
- This winch is designed and manufactured for pulling, don't lift person or material.
- Always keep last 5 wrap on the drum.
- The technical details given above are just for information.
- HAMMER WINCH keeps the right to change the technical details.
- Pneumatic working pressure: Min 9 bar - Max 12 bar (Min 130 psi - Max 174 psi)







**SAE**

**Specifications**

Max. pulling capacity (kg / lbs) : 30000 kg (66120 lbs)  
 Max. Rope length (m/ ft) : 80 m (262 ft)  
 Recommended wire rope (mm / in) : 26 mm (1") 1960 Mpa  
 Hydromotor (cc / in<sup>3</sup>) : 100 cc (6 in<sup>3</sup>)  
 Max. pump flow (L / min - g / min) : 60 L/min (15.8 g/min)  
 Gear ratio : 234 : 1  
 Oil types and capacity : 85W 140 - 16 L  
 Max. working pressure (bar / psi) : 170 bar (2465 psi)

**Winch: (kg / lbs)**

738,3 kg (1627,2 lbs)

**Roller Fairlead: (kg / lbs)**

50 kg (110,2 lbs)

**Cable Tensioner: (kg / lbs)**

12 kg (26,4 lbs)

**Mounting Bolts**

20 pieces M22 8,8

**Hydraulic Inlets**

G 1/2"

**Standards**

Cable Tensioner

Roller Fairlead

Operator Protection Cage

Control Valve and Hydraulic Hoses

**Optional**

Air Clutch

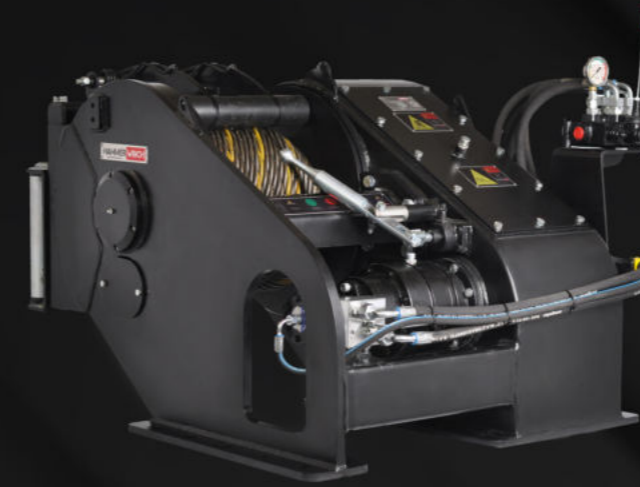
IP67 - IP68

- Extra reinforced steel cast body
- Lightweight and strong design
- 100% holding negative-acting hydraulic brake system
- Standard pressure roller and roller fairlead
- Easy assembly, high rope capacity and high torque hydromotor
- Standard manual rope unloading system
- CE Machinery Directive 2006/42/EC
- Meets SAE J706 rating

Rope Winding Layer	Pulling Capacity kg / lbs	Rope Speed m / min-ft / min	Rope Length m / ft	No-Load Fast Winding m/min
1	30000 kg / 66120 lbs	1.7 m/min - 5.6 ft/min	9.3 m / 30.3 ft	15m/min - 49 ft/min
2	24959 kg / 55010 lbs	2 m/min - 6.7 ft/min	19.5 m / 64 ft	18m/min - 58 ft/min
3	21368 kg / 47096 lbs	2.4 m/min - 7.8 ft/min	32.5 m / 106.6 ft	21m/min - 68 ft/min
4	18681 kg / 41173 lbs	2.7 m/min - 9 ft/min	46 m / 151.5 ft	24m/min - 78 ft/min
5	16594 kg / 36573 lbs	3 m/min - 10 ft/min	63 m / 206 ft	27m/min - 88 ft/min
6	14926 kg / 32898 lbs	3.4 m/min - 11.2 ft/min	80 m / 262 ft	30m/min - 98 ft/min

**Warning!**

- Before operating the winch, A-B lines must be to T line (tank line) of the control valve in center position.
- This winch is designed and manufactured for pulling, don't lift person or material.
- Always keep last 5 wrap on the drum.
- The technical details given above are just for information.
- HAMMER WINCH keeps the right to change the technical details.
- Pneumatic working pressure: Min 9 bar - Max 12 bar (Min 130 psi - Max 174 psi)
- Do not pull a load in fast rope winding mode as the brake system is not activated!



**SAE**

**Specifications**

Max. pulling capacity (kg / lbs) : 35000 kg (77140 lbs)  
 Max. Rope length (m/ ft) : 80 m (262 ft)  
 Recommended wire rope (mm / in) : 26 mm (1") 1960 Mpa  
 Hydromotor (cc / in<sup>3</sup>) : 125 cc (7.5 in<sup>3</sup>)  
 Max. pump flow (L / min - g / min) : 60 L/min (15.8 g/min)  
 Gear ratio : 234 : 1  
 Oil types and capacity : 85W 140 - 16 L  
 Max. working pressure (bar / psi) : 160 bar (2320 psi)

**Winch: (kg / lbs)**

738,3 kg (1627,2 lbs)

**Roller Fairlead: (kg / lbs)**

50 kg (110,2 lbs)

**Cable Tensioner: (kg / lbs)**

12 kg (26,4 lbs)

**Mounting Bolts**

20 pieces M22 8,8

**Hydraulic Inlets**

G 1/2"

**Standards**

Cable Tensioner

Roller Fairlead

Operator Protection Cage

Control Valve and Hydraulic Hoses

**Optional**

Air Clutch

IP67 - IP68

- Extra reinforced steel cast body
- Lightweight and strong design
- 100% holding negative-acting hydraulic brake system
- Standard pressure roller and roller fairlead
- Easy assembly, high rope capacity and high torque hydromotor
- Standard manual rope unloading system
- CE Machinery Directive 2006/42/EC
- Meets SAE J706 rating

Rope Winding Layer	Pulling Capacity kg / lbs	Rope Speed m / min-ft / min	Rope Length m / ft	No-Load Fast Winding m/min
1	35000 kg / 77140 lbs	1.4 m/min - 4.5 ft/min	9.3 m / 30.3 ft	15m/min - 49 ft/min
2	29119 kg / 64179 lbs	1.6 m/min - 5.3 ft/min	19.5 m / 64 ft	18m/min - 58 ft/min
3	24930 kg / 54946 lbs	1.9 m/min - 6.2 ft/min	32.5 m / 106.6 ft	21m/min - 68 ft/min
4	21794 kg / 48036 lbs	2.2 m/min - 7.2 ft/min	46 m / 151.5 ft	24m/min - 78 ft/min
5	19360 kg / 42669 lbs	2.45 m/min - 8 ft/min	63 m / 206 ft	27m/min - 88 ft/min
6	17414 kg / 38382 lbs	2.75 m/min - 9 ft/min	80 m / 262 ft	30m/min - 98 ft/min

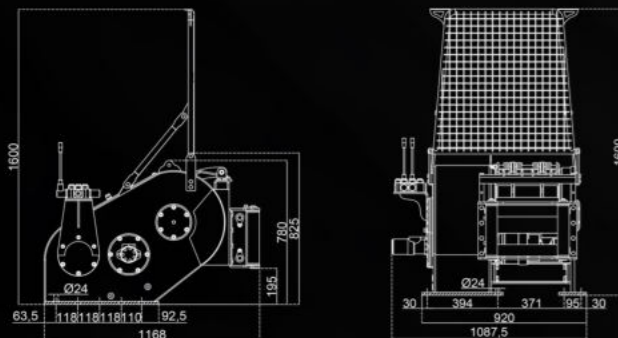
**Warning!**

- Before operating the winch, A-B lines must be to T line (tank line) of the control valve in center position.
- This winch is designed and manufactured for pulling, don't lift person or material.
- Always keep last 5 wrap on the drum.
- The technical details given above are just for information.
- HAMMER WINCH keeps the right to change the technical details.
- Pneumatic working pressure: Min 9 bar - Max 12 bar (Min 130 psi - Max 174 psi)
- Do not pull a load in fast rope winding mode as the brake system is not activated!

**Manual Clutch Shifter**  
Activating or deactivating the high speed winding / unwinding mode manually



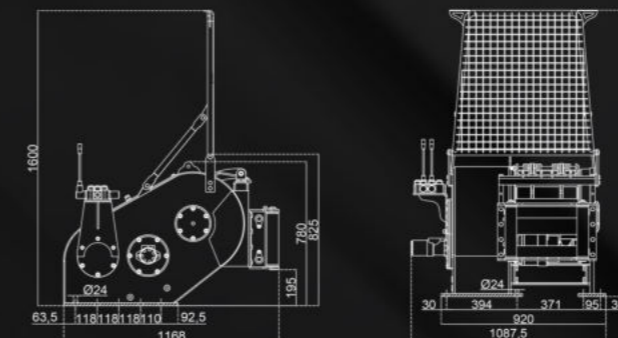
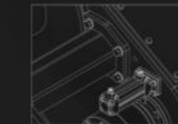
**Air Clutch Shifter**  
Activating or deactivating the high speed winding / unwinding mode pneumatically



**Manual Clutch Shifter**  
Activating or deactivating the high speed winding / unwinding mode manually



**Air Clutch Shifter**  
Activating or deactivating the high speed winding / unwinding mode pneumatically







**SAE**

**Specifications**

- Max. pulling capacity (kg / lbs) : 40000 kg (88169 lbs)
- Max. Rope length (m/ ft) : 75 m (246 ft)
- Max. Rope length (SAE) (m/ ft) : 59,5 m (195,3 ft)
- Recommended wire rope (mm / in) : 28 mm (10/9") 2160 Mpa
- Hydromotor (cc / in<sup>3</sup>) : 125 cc (7,5 in<sup>3</sup>)
- Max. pump flow (L / min - g / min) : 75 L/min (19.8 g/min)
- Gear ratio : 158 : 1
- Oil types and capacity : 85W 140 - 16 L
- Max. working pressure (bar / psi) : 210 bar (3045 psi)

**Winch: (kg / lbs)**

- 755,4 kg (1665 lbs)
- Roller Fairlead: (kg / lbs)**
- 50 kg (110,2 lbs)
- Cable Tensioner: (kg / lbs)**
- 12 kg (26,4 lbs)
- Mounting Bolts**
- 20 pieces M22 8,8
- Hydraulic Inlets**
- G 1/2"

**Standards**

- Cable Tensioner
- Roller Fairlead
- Operator Protection Cage
- Control Valve and Hydraulic Hoses
- Optional**
- Air Clutch
- IP67 - IP68

- Extra reinforced steel cast body
- Lightweight and strong design
- 100% holding negative-acting hydraulic brake system
- Standard pressure roller and roller fairlead
- Easy assembly, high rope capacity and high torque hydromotor
- Standard manual rope unloading system
- CE Machinery Directive 2006/42/EC
- Meets SAE J706 rating

Rope Winding Layer	Pulling Capacity kg / lbs	Rope Speed m / min-ft / min	Rope Length m / ft	No-Load Fast Winding m/min
<b>1</b>	40000 kg / 88169 lbs	2.5 m/min - 8.3 ft/min	8.6 m / 28.2 ft	15 m/min - 49 ft/min
<b>2</b>	32915 kg / 72545 lbs	3.1 m/min - 10 ft/min	18 m / 59 ft	18.1 m/min - 59.4 ft/min
<b>3</b>	27960 kg / 61625 lbs	3.6 m/min - 12 ft/min	30.5 m / 100 ft	21.4 m/min - 70 ft/min
<b>4</b>	24302 kg / 53563 lbs	4.2 m/min - 13.7 ft/min	43.5 m / 142.6 ft	24.5 m/min - 80.4 ft/min
<b>SAE 5</b>	21490 kg / 47366 lbs	4.7 m/min - 15.4 ft/min	59.5 m / 195.3 ft	27.8 m/min - 91 ft/min
<b>6</b>	19262 kg / 42454 lbs	5.3 m/min - 17.3 ft/min	75 m / 246 ft	31 m/min - 101.7 ft/min

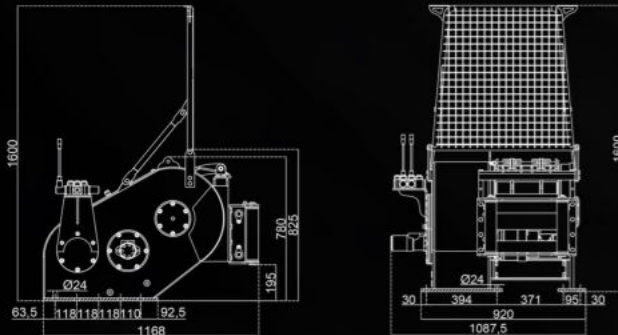
**Warning!**

- Before operating the winch, A-B lines must be to T line (tank line) of the control valve in center position.
- This winch is designed and manufactured for pulling, don't lift person or material.
- Always keep last 5 wrap on the drum.
- The technical details given above are just for information.
- HAMMER WINCH keeps the right to change the technical details.
- Pneumatic working pressure: Min 9 bar - Max 12 bar (Min 130 psi - Max 174 psi)
- Do not pull a load in fast rope winding mode as the brake system is not activated!

**Manual Clutch Shifter**  
Activating or deactivating the high speed winding / unwinding mode manually



**Air Clutch Shifter**  
Activating or deactivating the high speed winding / unwinding mode pneumatically



**SAE**

**Specifications**

- Max. pulling capacity (kg / lbs) : 45000 kg (99180 lbs)
- Max. Rope length (m/ ft) : 75 m (246 ft)
- Max. Rope length (SAE) (m/ ft) : 59,5 m (195,3 ft)
- Recommended wire rope (mm / in) : 28 mm (10/9") 2160 Mpa
- Hydromotor (cc / in<sup>3</sup>) : 160 cc (9,6 in<sup>3</sup>)
- Max. pump flow (L / min - g / min) : 75 L/min (19.8 g/min)
- Gear ratio : 158 : 1
- Oil types and capacity : 85W 140 - 16 L
- Max. working pressure (bar / psi) : 190 bar (2755 psi)

**Winch: (kg / lbs)**

- 755,8 kg (1665,8 lbs)
- Roller Fairlead: (kg / lbs)**
- 50 kg (110,2 lbs)
- Cable Tensioner: (kg / lbs)**
- 12 kg (26,4 lbs)
- Mounting Bolts**
- 20 pieces M22 8,8
- Hydraulic Inlets**
- G 1/2"

**Standards**

- Cable Tensioner
- Roller Fairlead
- Operator Protection Cage
- Control Valve and Hydraulic Hoses
- Optional**
- Air Clutch
- IP67 - IP68

- Extra reinforced steel cast body
- Lightweight and strong design
- 100% holding negative-acting hydraulic brake system
- Standard pressure roller and roller fairlead
- Easy assembly, high rope capacity and high torque hydromotor
- Standard manual rope unloading system
- CE Machinery Directive 2006/42/EC
- Meets SAE J706 rating

Rope Winding Layer	Pulling Capacity kg / lbs	Rope Speed m / min-ft / min	Rope Length m / ft	No-Load Fast Winding m/min
<b>1</b>	45000 kg / 99180 lbs	2 m/min - 6.6 ft/min	8.6 m / 28.2 ft	15 m/min - 49 ft/min
<b>2</b>	37029 kg / 81612 lbs	2.4 m/min - 7.9 ft/min	18 m / 59 ft	18.1 m/min - 59.4 ft/min
<b>3</b>	31455 kg / 69327 lbs	2.8 m/min - 9.2 ft/min	30.5 m / 100 ft	21.4 m/min - 70 ft/min
<b>4</b>	27339 kg / 60257 lbs	3.3 m/min - 10.8 ft/min	43.5 m / 142.6 ft	24.5 m/min - 80.4 ft/min
<b>SAE 5</b>	24176 kg / 53285 lbs	3.7 m/min - 12.1 ft/min	59.5 m / 195.3 ft	27.8 m/min - 91 ft/min
<b>6</b>	21669 kg / 47760 lbs	4.1 m/min - 13.4 ft/min	75 m / 246 ft	31 m/min - 101.7 ft/min

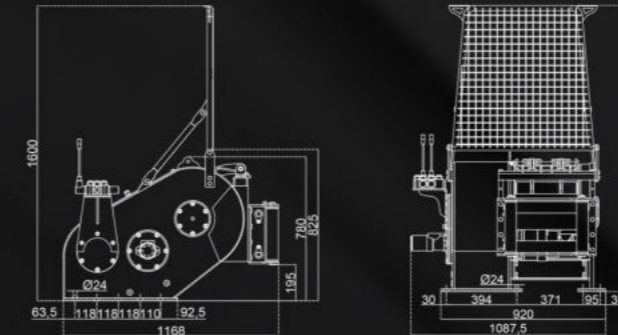
**Warning!**

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- This winch is designed and manufactured for pulling, don't lift person or material.
- Always keep last 5 wrap on the drum.
- The technical details given above are just for information.
- HAMMER WINCH keeps the right to change the technical details.
- Pneumatic working pressure: Min 9 bar - Max 12 bar (Min 130 psi - Max 174 psi)
- Do not pull a load in fast rope winding mode as the brake system is not activated!

**Manual Clutch Shifter**  
Activating or deactivating the high speed winding / unwinding mode manually



**Air Clutch Shifter**  
Activating or deactivating the high speed winding / unwinding mode pneumatically







**SAE**

**Specifications**

- Max. pulling capacity (kg / lbs) : 50000 kg (110200 lbs)
- Max. Rope length (m/ ft) : 75 m (246 ft)
- Max. Rope length (SAE) (m/ ft) : 59,5 m (195,3 ft)
- Recommended wire rope (mm / in) : 28 mm (10/9") 2160 Mpa
- Hydromotor (cc / in<sup>3</sup>) : 160 cc (9.6 in<sup>3</sup>)
- Max. pump flow (L / min - g / min) : 75 L/min (19.8 g/min)
- Gear ratio : 158 : 1
- Oil types and capacity : 85W 140 - 16 L
- Max. working pressure (bar / psi) : 210 bar (3045 psi)

**Winch: (kg / lbs)**

- 755,8 kg (1665,8 lbs)
- Roller Fairlead: (kg / lbs)**
- 50 kg (110,2 lbs)
- Cable Tensioner: (kg / lbs)**
- 12 kg (26,4 lbs)
- Mounting Bolts**
- 20 pieces M22 8,8
- Hydraulic Inlets**
- G 1/2"

**Standards**

- Cable Tensioner
- Roller Fairlead
- Operator Protection Cage
- Control Valve and Hydraulic Hoses
- Optional**
- Air Clutch
- IP67 - IP68

- Extra reinforced steel cast body
- Lightweight and strong design
- 100% holding negative-acting hydraulic brake system
- Standard pressure roller and roller fairlead
- Easy assembly, high rope capacity and high torque hydromotor
- Standard manual rope unloading system
- CE Machinery Directive 2006/42/EC
- Meets SAE J706 rating

Rope Winding Layer	Pulling Capacity kg / lbs	Rope Speed m / min-ft / min	Rope Length m / ft	No-Load Fast Winding m/min
1	50000 kg / 110200 lbs	2 m/min - 6.6 ft/min	8.6 m / 28.2 ft	15 m/min - 49 ft/min
2	41142 kg / 90679 lbs	2.4 m/min - 7.9 ft/min	18 m / 59 ft	18.1 m/min - 59.4 ft/min
3	34949 kg / 77029 lbs	2.8 m/min - 9.2 ft/min	30.5 m / 100 ft	21.4 m/min - 70 ft/min
4	30377 kg / 66951 lbs	3.3 m/min - 10.8 ft/min	43.5 m / 142.6 ft	24.5 m/min - 80.4 ft/min
<b>SAE 5</b>	26862 kg / 59205 lbs	3.7 m/min - 12.1 ft/min	59.5 m / 195.3 ft	27.8 m/min - 91 ft/min
6	24077 kg / 53066 lbs	4.1 m/min - 13.4 ft/min	75 m / 246 ft	31 m/min - 101.7 ft/min

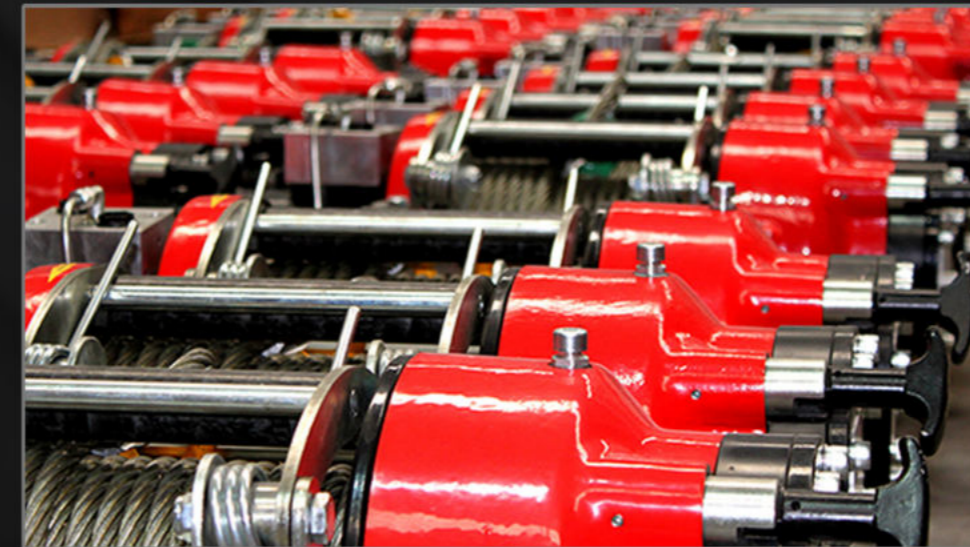
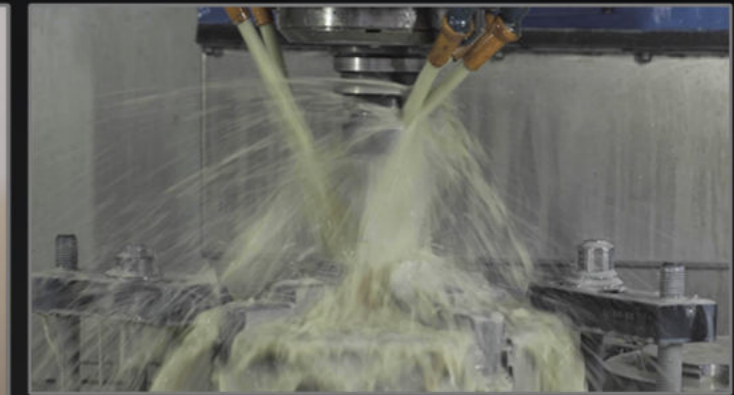
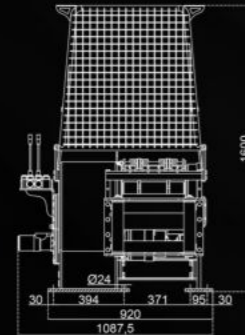
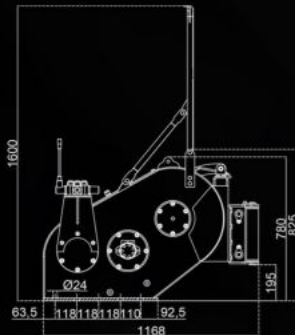
**Warning!**

- Before operating the winch, A-B lines must be to T line (tank line) of the control valve in center position.
- This winch is designed and manufactured for pulling, don't lift person or material.
- Always keep last 5 wrap on the drum.
- The technical details given above are just for information.
- HAMMER WINCH keeps the right to change the technical details.
- Pneumatic working pressure: Min 9 bar - Max 12 bar (Min 130 psi - Max 174 psi)
- Do not pull a load in fast rope winding mode as the brake system is not activated!

**Manual Clutch Shifter**  
Activating or deactivating the high speed winding / unwinding mode manually



**Air Clutch Shifter**  
Activating or deactivating the high speed winding / unwinding mode pneumatically



High production capacity



Since  
2003

# SPECIAL SERIES

HAMMER WINCH







**SAE**

**Specifications**

Max. pulling capacity (kg / lbs) : 9000 kg (19836 lbs)  
 Max. Rope length (m / ft) : 27,4 m (89.8 ft)  
 Recommended wire rope (mm / in) : 16 mm (7/11") 1960 Mpa  
 Hydromotor (cc / in<sup>3</sup>) : 400 cc (24 in<sup>3</sup>)  
 Max. pump flow (L / min - g / min) : 75 L/min (19.8 g/min)  
 Gear ratio : 4,8 : 1  
 Oil types and capacity : 85W 90 - 0,9 L  
 Max. working pressure (bar / psi) : 250 bar (3625 psi)

**Winch: (kg / lbs)**

104 kg (229,2 lbs)

**Roller Fairlead: (kg / lbs)**

11 kg (24,2 lbs)

**Cable Tensioner: (kg / lbs)**

4,5 kg (9,9 lbs)

**Mounting Bolts**

16 pieces M12

**Standards**

Cable Tensioner

Roller Fairlead

Manual Clutch

**Optional**

Air Clutch

IP67 - IP68

**Hydraulic Inlets**

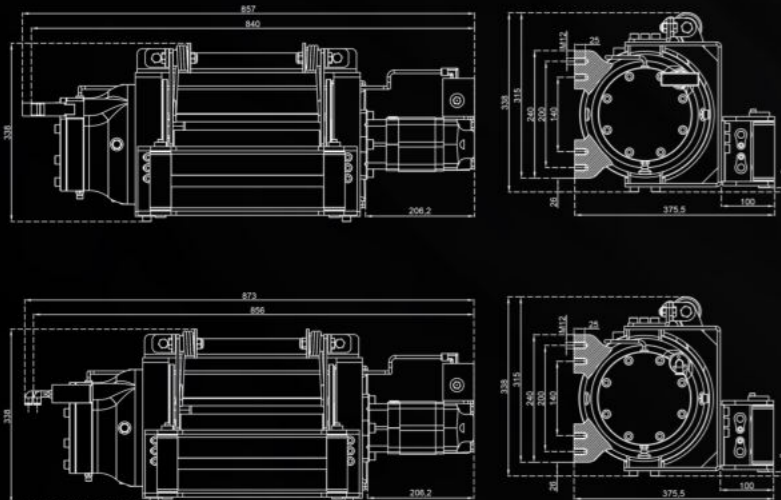
G 3/4"

- Extra reinforced steel cast body through the heat treatment and industrial design
- Light and robust design
- 100% holding negative-acting hydraulic brake system
- Standard pressure roller and roller fairlead
- Easy assembly, high rope capacity and high torque hydromotor
- Standard manual rope unloading system
- CE Machinery Directive 2006/42/EC
- Meets SAE J706 rating

Rope Winding Layer	Pulling Capacity kg / lbs	Rope Speed m / min-ft / min	Rope Length m / ft
1	9000 kg / 19836 lbs	15.2 m/min - 50 ft/min	7.6 m / 25 ft
2	7427 kg / 16370 lbs	18.4 m/min - 60.5 ft/min	16.5 m / 54.1 ft
3	6322 kg / 13935 lbs	21.6 m/min - 71 ft/min	27.4 m / 89.8 ft

**Warning!**

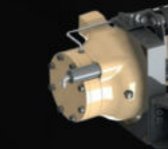
- Before operating the winch, A-B lines must be to T line (tank line) of the control valve in center position.
- This winch is designed and manufactured for pulling, don't lift person or material.
- Always keep last 5 wrap on the drum.
- The technical details given above are just for information.
- HAMMER WINCH keeps the right to change the technical details.
- Pneumatic working pressure: Min 9 bar - Max 12 bar (Min 130 psi - Max 174 psi)



Manual Clutch



Air Clutch



**EN 14492-1 COMPLIANT**

**Specifications**

Max. pulling capacity (kg / lbs) : 10000 kg (22040 lbs)  
 Max. Rope length (m / ft) : 62 m (203,3 ft)  
 Max. Rope length for EN (m / ft) : 47,4 m (155,5 ft)  
 Recommended wire rope (mm / in) : 16 mm (7/11") 1960 Mpa  
 Hydromotor (cc / in<sup>3</sup>) : 160 cc (9,6 in<sup>3</sup>)  
 Max. pump flow (L / min - g / min) : 60 L/min (15.8 g/min)  
 Gear ratio : 34,5 : 1  
 Oil types and capacity : 85W 90 - 2 L  
 Max. working pressure (bar / psi) : 190 bar (2755 psi)

**Winch: (kg / lbs)**

198 kg (436,4 lbs)

**Cable Tensioner: (kg / lbs)**

7 kg (15,4 lbs)

**Mounting Bolts**

24 pieces M14 8,8

**Standards**

Cable Tensioner

Hydraulic Inlets

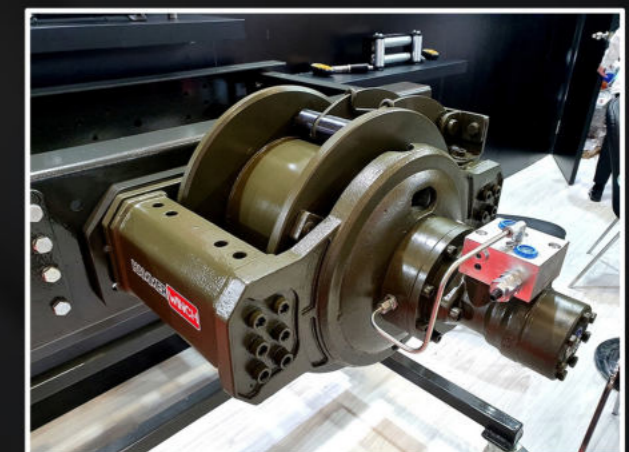
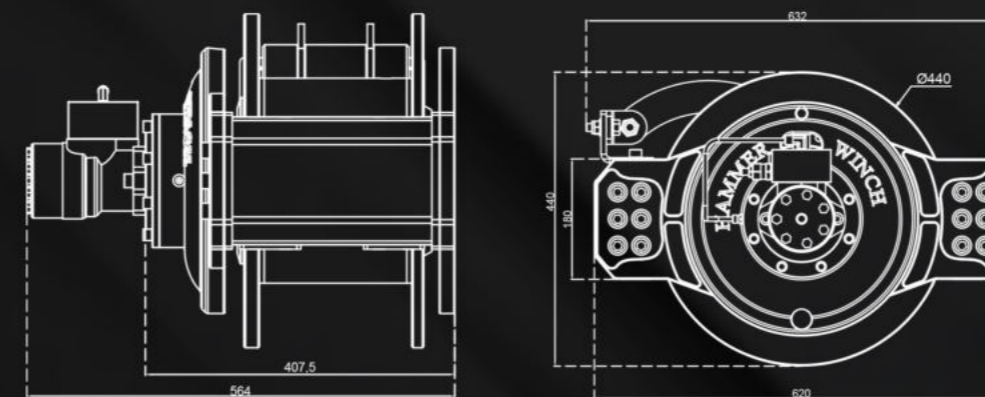
G 1/2"

- Extra reinforced steel cast body
- Lightweight and strong design, high rope capacity
- Negative-acting hydraulic brake holding reinforced
- Dynamics, strong hydraulic motor and high strength cast drum
- EN 14492-1 : 2006 power driven winches supported
- CE Machinery Directive 2006/42/EC

Rope Winding Layer	Pulling Capacity kg / lbs	Rope Speed m / min-ft / min	Rope Length m / ft
1	10000 kg / 22040 lbs	8.9 m/min - 29.2 ft/min	10.8 m / 35.4 ft
2	9103 kg / 20063 lbs	9.8 m/min - 32.1 ft/min	21.6 m / 71 ft
3	8354 kg / 18412 lbs	10.6 m/min - 34.8 ft/min	34.6 m / 113.4 ft
4	7718 kg / 17011 lbs	11.5 m/min - 37.7 ft/min	47.4 m / 155.5 ft
5	7172 kg / 15808 lbs	12.4 m/min - 40.6 ft/min	62 m / 203.3 ft

**Warning!**

- Before operating the winch, A-B lines must be to T line (tank line) of the control valve in center position.
- This winch is designed and manufactured for pulling, don't lift person or material.
- Always keep last 5 wrap on the drum.
- The technical details given above are just for information.
- HAMMER WINCH keeps the right to change the technical details.
- Pneumatic working pressure: Min 9 bar - Max 12 bar (Min 130 psi - Max 174 psi)







**Specifications**

- Max. pulling capacity (kg / lbs) : 12000 kg (26452 lbs)
- Max. Rope length (m/ ft) : 62 m (203,3 ft)
- Max. Rope length for EN (m/ ft) : 47,4 m (155,5 ft)
- Recommended wire rope (mm / in) : 16 mm (7/11") 2160 Mpa
- Hydromotor (cc / in<sup>3</sup>) : 200 cc (9,6 in<sup>3</sup>)
- Max. pump flow (L / min - g / min) : 60 L/min (15.8 g/min)
- Gear ratio : 34,5 : 1
- Oil types and capacity : 85W 90 - 2 L
- Max. working pressure (bar / psi) : 200 bar (2900 psi)

**Winch: (kg / lbs)**

199 kg (438,6 lbs)

**Cable Tensioner: (kg / lbs)**

7 kg (15,4 lbs)

**Mounting Bolts**

24 pieces M14 8,8

**Standards**

Cable Tensioner

Hydraulic Inlets

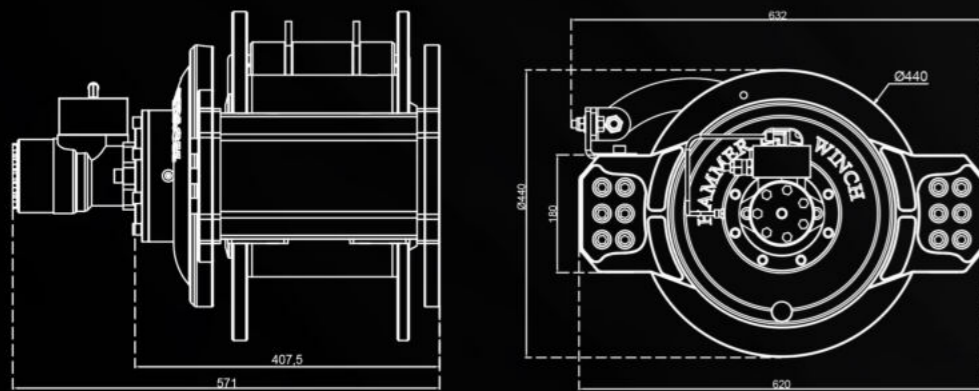
G 1/2"

- Extra reinforced steel cast body
- Lightweight and strong design, high rope capacity
- Negative-acting hydraulic brake holding reinforced
- Dynamics, strong hydraulic motor and high strength cast drum
- EN 14492-1 : 2006 power driven winches supported
- CE Machinery Directive 2006/42/EC

Rope Winding Layer	Pulling Capacity kg / lbs	Rope Speed m / min-ft / min	Rope Length m / ft
1	12000 kg / 26452 lbs	7.1 m/min - 23.3 ft/min	10.8 m / 35.4 ft
2	10925 kg / 24079 lbs	7.8 m/min - 25.6 ft/min	21.6 m / 71 ft
3	10025 kg / 22096 lbs	8.5 m/min - 27.9 ft/min	34.6 m / 113.4 ft
4	9262 kg / 20414 lbs	9.2 m/min - 30.2 ft/min	47.4 m / 155.5 ft
5	8607 kg / 18971 lbs	9.9 m/min - 32.5 ft/min	62 m / 203.3 ft

**Warning!**

- Before operating the winch, A-B lines must be to T line (tank line) of the control valve in center position.
- This winch is designed and manufactured for pulling, don't lift person or material.
- Always keep last 5 wrap on the drum.
- The technical details given above are just for information.
- HAMMER WINCH keeps the right to change the technical details.
- Pneumatic working pressure: Min 9 bar - Max 12 bar (Min 130 psi - Max 174 psi)



**Specifications**

- Max. pulling capacity (kg / lbs) : 15000 kg (33062 lbs)
- Max. Rope length (m/ ft) : 47,3 m (155 ft)
- Recommended wire rope (mm / in) : 18 mm (8/11") 1960 Mpa
- Hydromotor (cc / in<sup>3</sup>) : 250 cc (15 in<sup>3</sup>)
- Max. pump flow (L / min - g / min) : 60 L/min (15.8 g/min)
- Gear ratio : 28 : 1
- Oil types and capacity : 85W 90 - 2 L
- Max. working pressure (bar / psi) : 155 bar (2248 psi)

**Winch: (kg / lbs)**

187,5 kg (413,2 lbs)

**Roller Fairlead: (kg / lbs)**

18 kg (39,6 lbs)

**Cable Tensioner: (kg / lbs)**

8 kg (17,6 lbs)

**Mounting Bolts**

16 pieces M16 8,8

**Standards**

Cable Tensioner

Roller Fairlead

Manual Clutch

Optional

Air Clutch

IP67 - IP68

Pneumatic Cable Tensioner

Hydraulic Inlets

G 1/2"

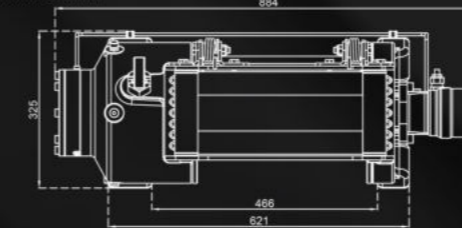
- Extra reinforced steel cast body
- Lightweight and strong design
- 100% holding negative-acting hydraulic brake system
- Standard pressure roller and roller fairlead
- Easy assembly, high rope capacity and high torque hydromotor
- Standard manual rope unloading system
- CE Machinery Directive 2006/42/EC
- Meets SAE J706 rating

Rope Winding Layer	Pulling Capacity kg / lbs	Rope Speed m / min-ft / min	Rope Length m / ft
1	15000 kg / 33062 lbs	4 m/min - 13.3 ft/min	9 m / 29.5 ft
2	12550 kg / 27660 lbs	4.9 m/min - 16 ft/min	19.7 m / 64.6 ft
3	10787 kg / 23776 lbs	5.7 m/min - 18.7 ft/min	32.5 m / 106.6 ft
4	9459 kg / 20848 lbs	6.4 m/min - 21 ft/min	47.3 m / 155 ft

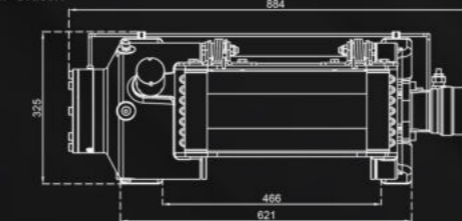
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- This winch is designed and manufactured for pulling, don't lift person or material.
- Always keep last 5 wrap on the drum.
- The technical details given above are just for information.
- HAMMER WINCH keeps the right to change the technical details.
- Pneumatic working pressure: Min 9 bar - Max 12 bar (Min 130 psi - Max 174 psi)

Manual Clutch



Air Clutch







- Extra reinforced steel cast body
- Lightweight and strong design
- 100% holding negative-acting hydraulic brake system
- Standard pressure roller and roller fairlead
- Easy assembly, high rope capacity and high torque hydromotor
- Standard manual rope unloading system
- CE Machinery Directive 2006/42/EC
- Meets SAE J706 rating



**Specifications**

Max. pulling capacity (kg / lbs)	: 15000 kg (33062 lbs)
Max. Rope length (m/ ft)	: 30 m (98,4 ft)
Recommended wire rope (mm / in)	: 18 mm (8/11") 1960 Mpa
Hydromotor (cc / in <sup>3</sup> )	: 250 cc (15 in <sup>3</sup> )
Max. pump flow (L / min - g / min)	: 60 L/min (15.8 g/min)
Gear ratio	: 28 : 1
Oil types and capacity	: 85W 90 - 2 L
Max. working pressure (bar / psi)	: 155 bar (2248 psi)

**Winch: (kg / lbs)**

163 kg (359,2 lbs)

**Roller Fairlead: (kg / lbs)**

18 kg (39,6 lbs)

**Cable Tensioner: (kg / lbs)**

8 kg (17,6 lbs)

**Mounting Bolts**

16 pieces M16 8,8

**Standards**

Cable Tensioner

Roller Fairlead

Manual Clutch

**Optional**

Air Clutch

IP67 - IP68

Pneumatic Cable Tensioner

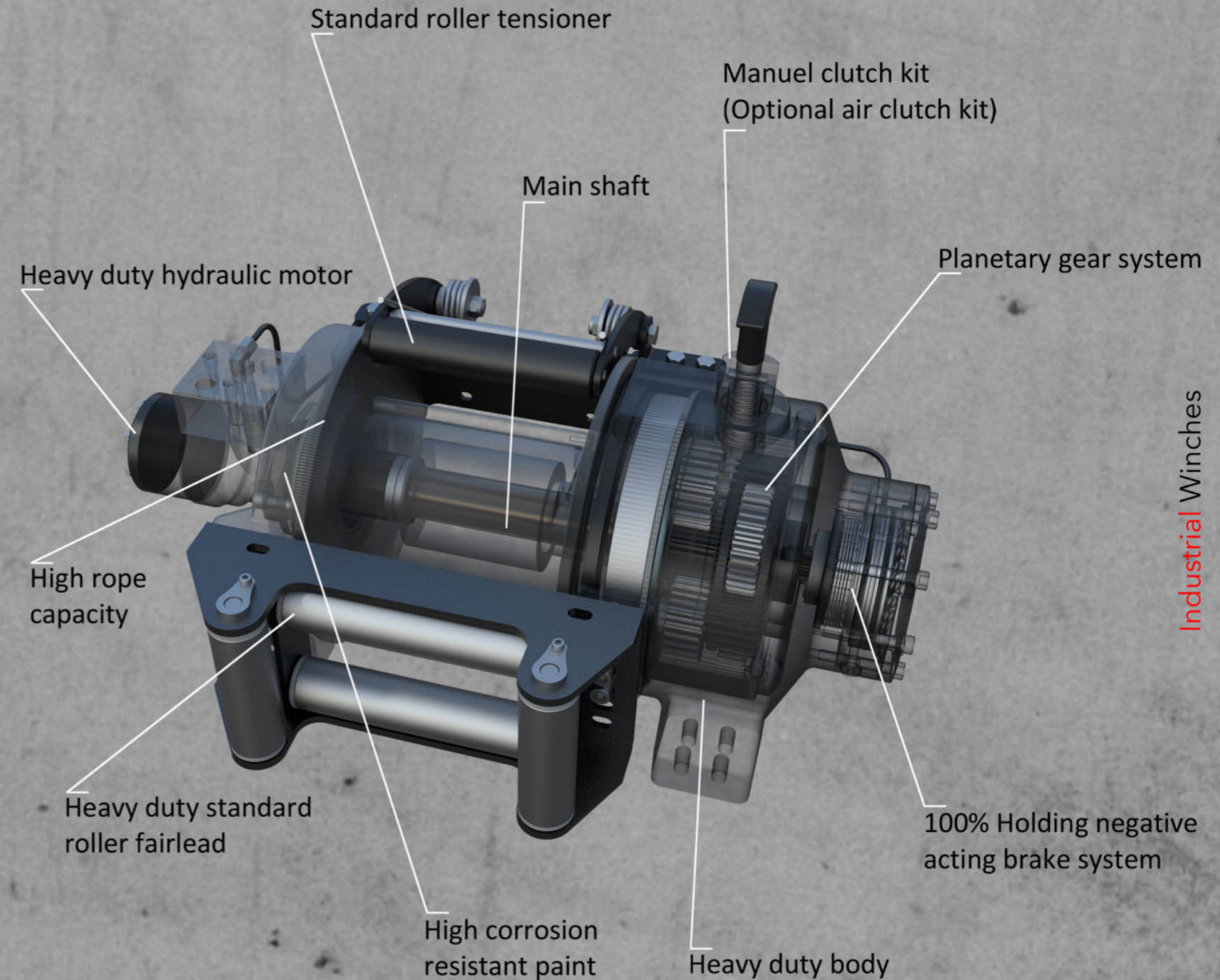
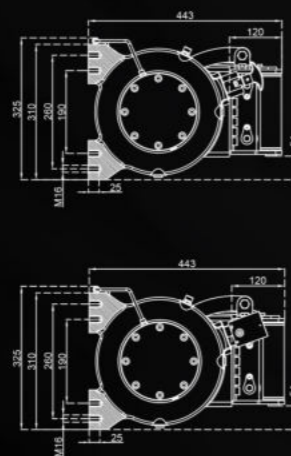
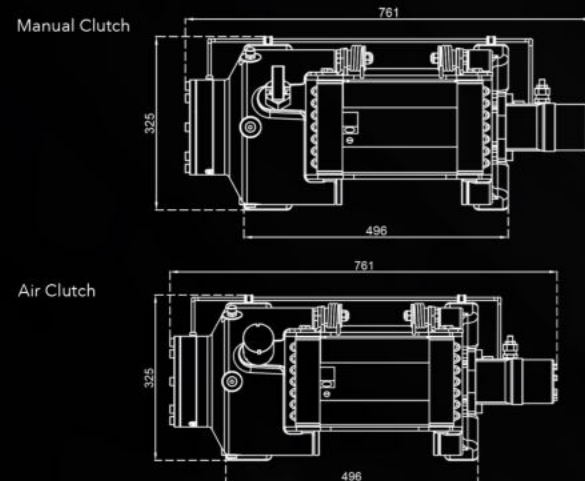
**Hydraulic Inlets**

G 1/2"

Rope Winding Layer	Pulling Capacity kg / lbs	Rope Speed m / min-ft / min	Rope Length m / ft
1	15000 kg / 33062 lbs	4 m/min - 13.3 ft/min	5.7 m / 18.7 ft
2	12550 kg / 27660 lbs	4.9 m/min - 16 ft/min	12.7 m / 41.6 ft
3	10787 kg / 23776 lbs	5.7 m/min - 18.7 ft/min	20.3 m / 66.6 ft
4	9459 kg / 20848 lbs	6.4 m/min - 21 ft/min	30 m / 98.4 ft

**Warning!**

- Before operating the winch, A-B lines must be to T line (tank line) of the control valve in center position.
- This winch is designed and manufactured for pulling, don't lift person or material.
- Always keep last 5 wrap on the drum.
- The technical details given above are just for information.
- HAMMER WINCH keeps the right to change the technical details.
- Pneumatic working pressure: Min 9 bar - Max 12 bar (Min 130 psi - Max 174 psi)





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2003

# MILITARY APPLICATIONS

HAMMER WINCH





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