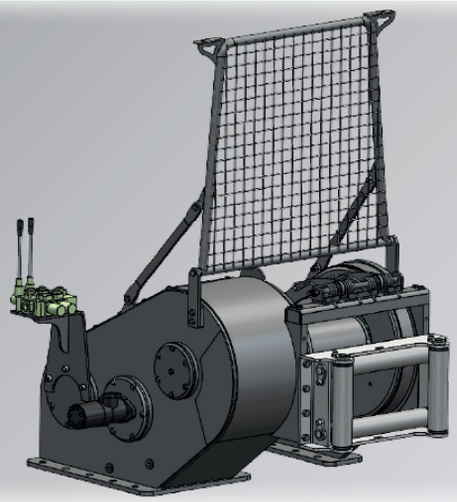
HAMMER WINCH

HMW 45.0 THT

SAE J706



- Reinforced cast steel housing.
- Lightweight, robust design.
- Negative-acting hydraulic brake system with 100% load holding.
- Cable tensioner and roller fairlead supplied as standard.
- Easy installation, high rope capacity and a high-torque hydraulic motor.
- Manual rope release system supplied as standard.
- CE Machinery Directive 2006/42/EC.
- Meets SAE J706 requirements.

Specifications

Max. pulling capacity : 45000 kg (99180 lbs)
Max. rope length : 75m (246 ft)
Max. rope length (SAE) : 59.5m (195.3 ft)
Recommended wire rope : 28 mm (10/9") 2160 MPa
Hydraulic motor : 160cc (9.6 in³)
Max. pump flow : 75 L/min (19.8 g/min)
Gear ratio : 158 : 1
Oil type and capacity : 85W 140 - 16L
Max. working pressure : 190 bar (2755 psi)

Rope Winding Layer	Pulling Capacity kg / lbs	Rope Speed m / min - ft / min	Rope Length m / ft	No-load Fast Winding m / min
1	45000 kg / 99180 lbs	2 m/min - 6.6 ft/min	8.6 m / 28.2 ft	15 m/min - 49 ft/min
2	37029kg / 81612 lbs	2.4 m/min - 7.9 ft/min	18 m / 59 ft	18.1 m/min - 59.4 ft/min
3	31455 kg / 69327 lbs	2.8 m/min - 9.2 ft/min	30.5 m / 100 ft	21.4 m/min - 70 ft/min
4	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
SAE 5	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
6	21669 kg / 47760 lbs	4.1 m/min - 13.4 ft/min	75 m / 246 ft	31 m/min - 101.7 ft/min

Winch weight (kg/lbs)
755.8 kg (1665.8 lbs)

Roller fairlead weight (kg/lbs)
50 kg (110.2 lbs)

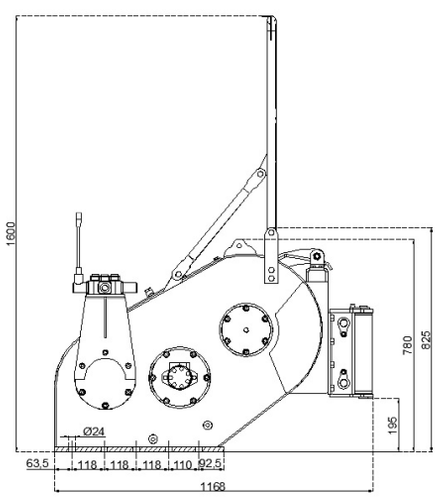
Cable tensioner weight (kg/lbs)
12 kg (26.4 lbs

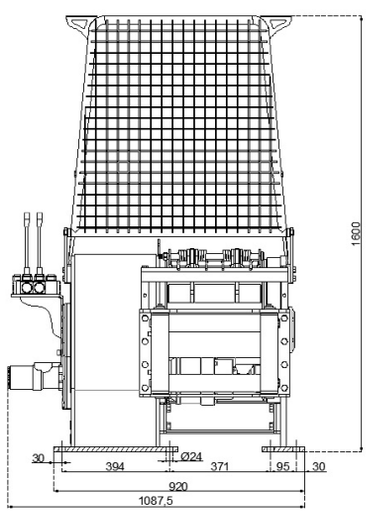
Mounting bolts
20 M22 bolts, grade 8.8

Standard Features
Cable Tensioner
Roller Fairlead

Hydraulic Inlets
G 1/2''

Optional Features
IP67 - IP 68

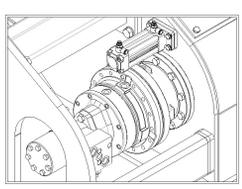




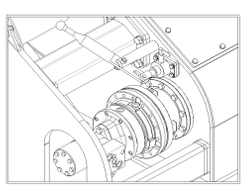
Warning!

- Before operating the winch, lines A and B must be open to T (tank) when the control valve is in its center position.
- This winch is designed and manufactured for pulling. Never use it to lift people or materials.
- Always keep the last 5 wraps of rope on the drum.
- The technical details above are for information only.

- HAMMER WINCH reserves the right to change the technical details.
- Pneumatic operating pressure: Min 9 bar - Max 12 bar (Min 130 psi - Max 174 psi)
- Do not pull a load in fast rope winding mode: the brake system is not activated!



Pneumatic engagement or disengagement of high-speed winding/unwinding mode.



Manual engagement or disengagement of high-speed winding/unwinding mode.