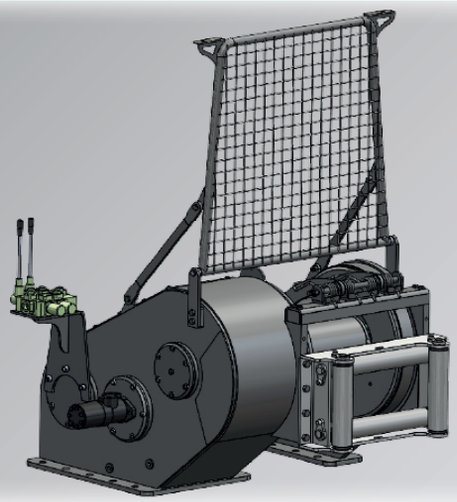
HAMMER WINCH

# HMW 50.0 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** : 50000 kg ( 110200 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** : 210 bar ( 3045 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 | 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 |
| SAE 5 | 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 |

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

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

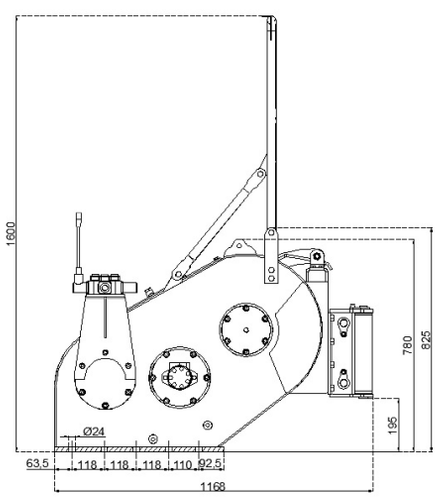
**Cable tensioner weight (kg/lbs)**
12 kg ( 26.4 lbs

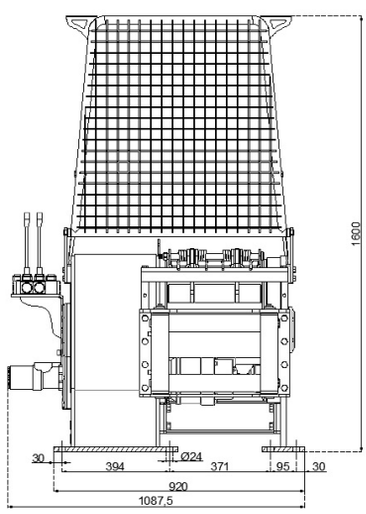
**Mounting bolts**
20 M22 bolts, grade 8.8

**Standard Features**
Cable Tensioner
Roller Fairlead

**Hydraulic Inlets**
G 1/2''

**Optional Features**
IP67 - IP 68

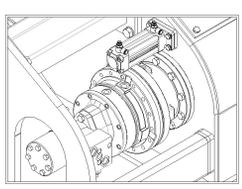


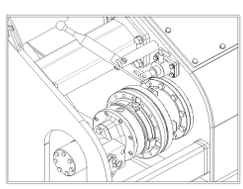

Warning!

- 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.