



LINGJACK
DECK MACHINERY

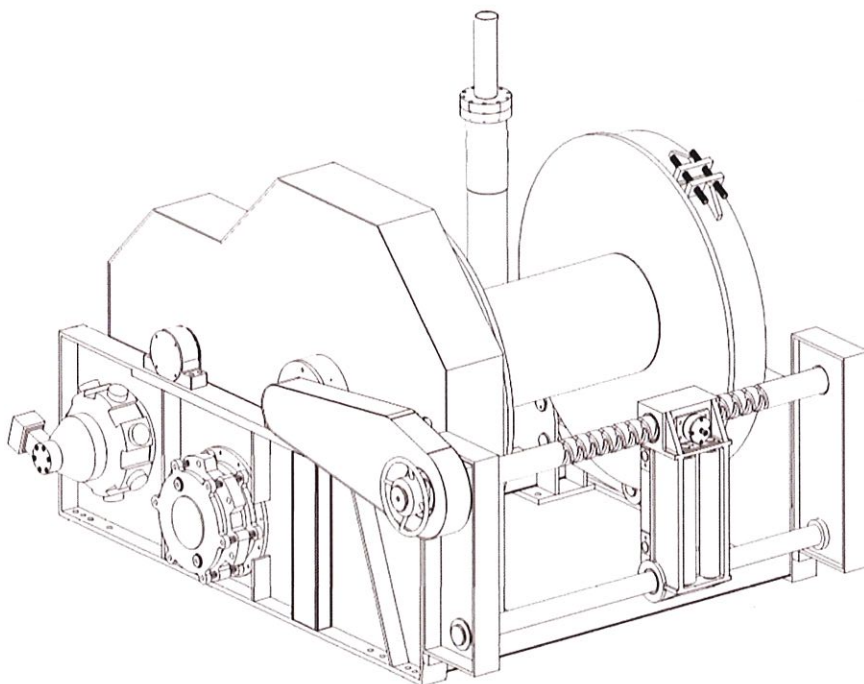
No. 1 Woodlands Terrace, Lingjack Industrial Building, Singapore 738471

Tel: (65) 6759 4163 Fax.: (65) 6756 1250

<http://www.lingjack.com> email: dm@lingjack.com

Co. Reg. No.: 20183420E

Mooring Winch



Design Specification

- **Specific design for PSV, OSV or Work Barge (upon request)**
- **Single Moor Drum configuration**
- **Double drum (water-fall / back to back configuration - upon request)**
- **Mooring drum with Wire Rope (SWR) – for 4/8/12 point mooring purpose**
- **Spooling system for proper coiling of wire rope above 500m length**
- **Winch c/w Drag Brake for 40T onward**
- **Side Warping Drum install (upon request)**
- **Manual or hydraulic operated ratchet on drum**
- **Hydraulic Motor driven**
- **Electrical motor driven custom design (upon request)**
- **Witness Test by Class and Certificate to issue (upon request)**
- **Custom overall size to suit deck space (upon request)**
- **Rigging System - Turning Sheave & Fairlead available (upon request)**
- **Load / Rope Length Monitoring System available (upon request)**

Operation Features

- ❖ **Electro-hydraulic HPU Power supply**
- ❖ **Local Control or c/w Wheelhouse Remote Control**
- ❖ **Manual operate or Hydraulic cylinder operated clutch on drum**
- ❖ **Failsafe Spring acted hydraulic release band brake on drum**



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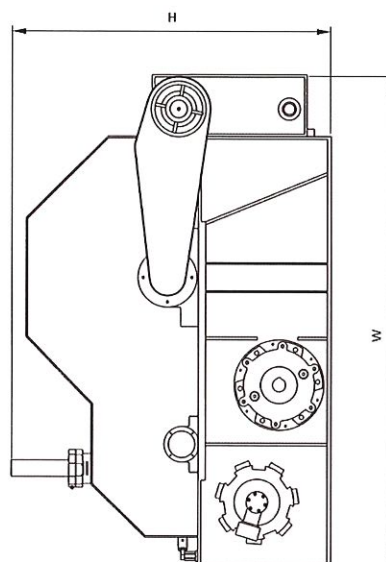
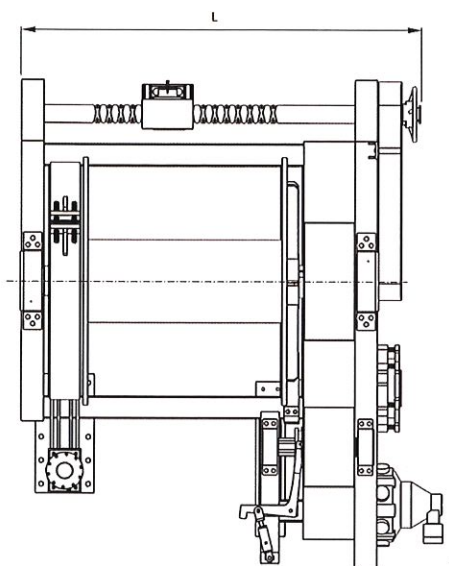
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Mooring Winch Data



Model No.	Tow Drum Rated Pull low speed / mid speed light load speed	Brake Holding	Drum Capacity m x Dia. mm	Main Dimension Approx. L x W x H
LJDM-HMW-SD-20B40	20T x 15m/min / 8T x 30m/min	40 Ton	600m x 28mm SWR	2.5m x 1.8m x 1.7m
LJDM-HMW-SD-30B60	30T x 15m/min / 14T x 30m/min	60 Ton	800m x 32mm SWR	2.6m x 2.0m x 1.8m
LJDM-HMW-SD-40B90	40T x 10m/min / 18T x 30m/min	90 Ton	1000m x 38mm SWR	3.1m x 3.4m x 2.2 m
LJDM-HMW-SD--60B135	60T x 10m/min / 28Tx 20m/min 12T x 40m/min	135 Ton	1000m x 44mm SWR	3.4m x 3.2m x 2.4m
LJDM-HMW-SD--85B180	85T x 10m/min / 36T X 20m/min 20T x 40m/min	180 Ton	1200m x 50mm SWR	3.9m x 4.1m x 2.8m
LJDM-HMW-SD—100B220	100T x 10m/min / 46T x 20m/min 20T x 40m/min	220 Ton	1200m x 56mm SWR	4.6m x 4.8m x 3.0m
LJDM-HMW-SD-120B250	120T x 10m/min / 55T x 20m/min 25T x 40min	250 Ton	1350m x 64mm SWR	5.2m x 4.6m x 3.2m
LJDM-HMW-SD-150B300	150T x 10m/min / 65T X 20m/min 30T x 40m/min	300 Ton	1500m x 72mm SWR	5.6m x 5.0m x 3.4m