



LIUGONG MATERIAL HANDLER

MH-40XD

ISLAND-READY HEAVY
EQUIPMENT SOLUTIONS



MICRONESIA
CONTRACTORS SOLUTIONS



MCSHEAVYEQUIPMENT.COM



+1 (671) 473-4374



17-3311 CORSAIR RD., TIYAN, GU 96931

SPECIFICATIONS

ENGINE

| | |
|-------------------|--------------------------------------|
| Emissions rating | EPA Tier 4 Final |
| Make | Cummins |
| Model | QSB 6.7 |
| Aspiration | Turbo charged, charge air cooled |
| Cooling fan drive | Reversible direct drive fan |
| Displacement | 408 cu. In. (6.7L) |
| Gross power | 225 HP (168 kW) @2200 rpm |
| Peak torque | 700ft-lbs @ 1500rpm/949Nm @ 1500 rpm |
| Cylinders | In-line, 6 cylinder HPCRl |
| Bore x Stroke | 107mm x 124mm (4.21 in x 4.88 in) |

HYDRAULIC SYSTEM

KAWASAKI

Hydraulic piloted joysticks for simplicity (no laptop needed)

| | |
|----------------|------------------------|
| Pump Type | Dual Axial Piston Pump |
| Maximum flow | L/Min 2x266 |
| Max Pressure | 4975 psi (34.3 mpa) |
| Hydraulic tank | 51.5 gal |
| Filtration | Dual Filtration System |

All pressures can be accessed through the cab display. No special gauges needed.

UPPER CARRIAGE

The upper structure is strongly reinforced using an H-beam in the high cross section of main structure providing even weigh distribution and increasing stability. The platform's collision protection system has been welded into place to improve its strength, rigidity, and overall service life.

TRAVEL / UNDERCARRIAGE

| | |
|--------------------|--|
| Type/ Drive System | All Wheel Drive variable displacement motor with dual stage power shift transmission |
| Travel Speed | 1st 0 -4mph (0-7 km/h) 2nd 0-14 mph (23 km/h) |
| Tires | 23.5 R25 |
| Steering | Joystick steering |
| Rear Axle | Fixed |
| Front Axle | Oscillating with hydraulic lock, integrated safety check valves |
| Service Brake | Disc brakes |
| Parking Brake | Multidisc brake , spring loaded |
| Safety | Travel Alarm |

SWING SYSTEM

| | |
|-----------------|--|
| Drive | 1 x axial piston motor, driving planetary gearbox, integrated brake valves |
| Swing speed | 12 rpm |
| Swing Hydraulic | open loop |
| Swing Brake | multi disc brake, spring loaded |
| Swing Bearing | internal teeth, sealed bearing |

REFILL CAPACITIES

| | |
|----------------------------------|-----------|
| Fuel tank | 137.4 gal |
| Engine cooling system | 9.25 gal |
| Engine oil w/filter | 6.07 gal |
| Hydraulic tank | 51.5 gal |
| Hydraulic system | 95.1 gal |
| Swing Motors (each) | 2.77 gal |
| Axle hub (front) | .31 gal |
| Axle hub (rear) | .39 gal |
| Axle differential (front axle) | 6.9 gal |
| Axle differential (rear axle) | 5.1 gal |
| Axle transmission | .8 gal |
| Swing ring lubrication reservoir | .26 gal |
| Central lubcrication reservoir | 5.5 lb |
| Diesel exhaust fluid. | 7.93 gal |

ELECTRIC SYSTEM

| | |
|----------------|------------------|
| System voltage | 24 V |
| Battery | 2 x 12 V, 120 Ah |
| Alternator | 24V - 70A |

OPERATING WEIGHT

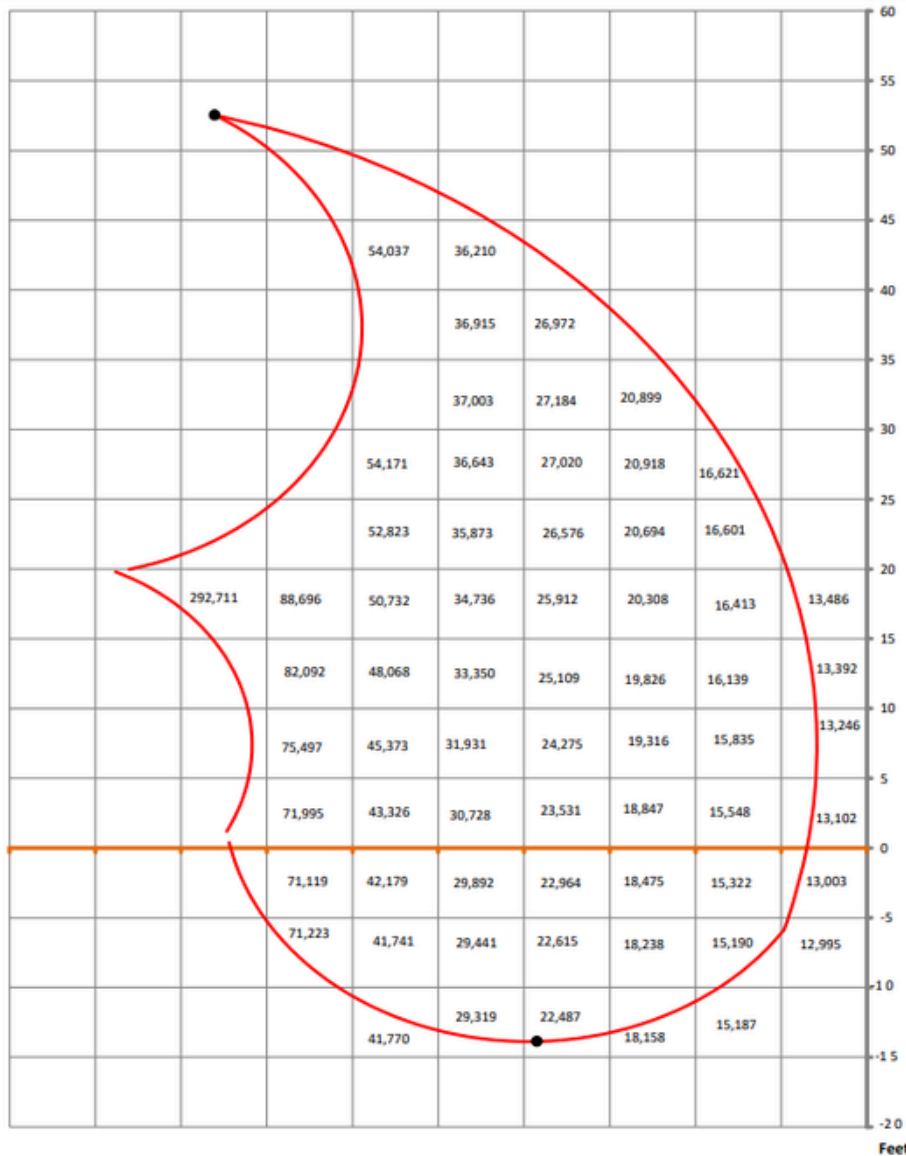
| | |
|---------------------------|-------------|
| Operating Weight, typical | 93,790 lbs. |
|---------------------------|-------------|

CENTRAL AUTO LUBE

GROENEVELD-BEKA



SPECIFICATIONS



The load capacity number is in unit of pounds and the location is the left upper corner of the box. For example box 36,210 lbs is the load capacity at 25 ft reach and 45 ft height. The reach measurement is from the center point of the rotation bearing to the load point. The height is measured from the load point to ground. The load point is the center line of the attachment pivot mounting pin on the stick.

The load capacities are based on ISO 10567 and do not exceed 75% of tipping and 87% of hydraulic capacity and machine standing on firm, level supporting surface. Loads are valid for 360° with machine support outriggers. Lifting capacities do not include working equipment such as orange-peel grapples, magnets, clamshells, etc. Attachment weights must be deducted from the numbers indicated in the lift chart. Please contact LiuGong or your local dealer for optimum attachment selection. The operator of the machine should be fully acquainted with the operator's manual provided by LiuGong. Capacities apply only to the machine as originally manufactured and equipped by LiuGong.

