



LIUGONG MATERIAL HANDLER

MH-40XD

ISLAND-READY HEAVY
EQUIPMENT SOLUTIONS



MICRONESIA
CONTRACTORS SOLUTIONS



MCSHEAVYEQUIPMENT.COM



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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 HPCRI
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)
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 gal
Engine cooling system	9.25 gal
Engine oil w/filter	6.07 gal
Hydraulic tank	51.5 gal
Complete 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

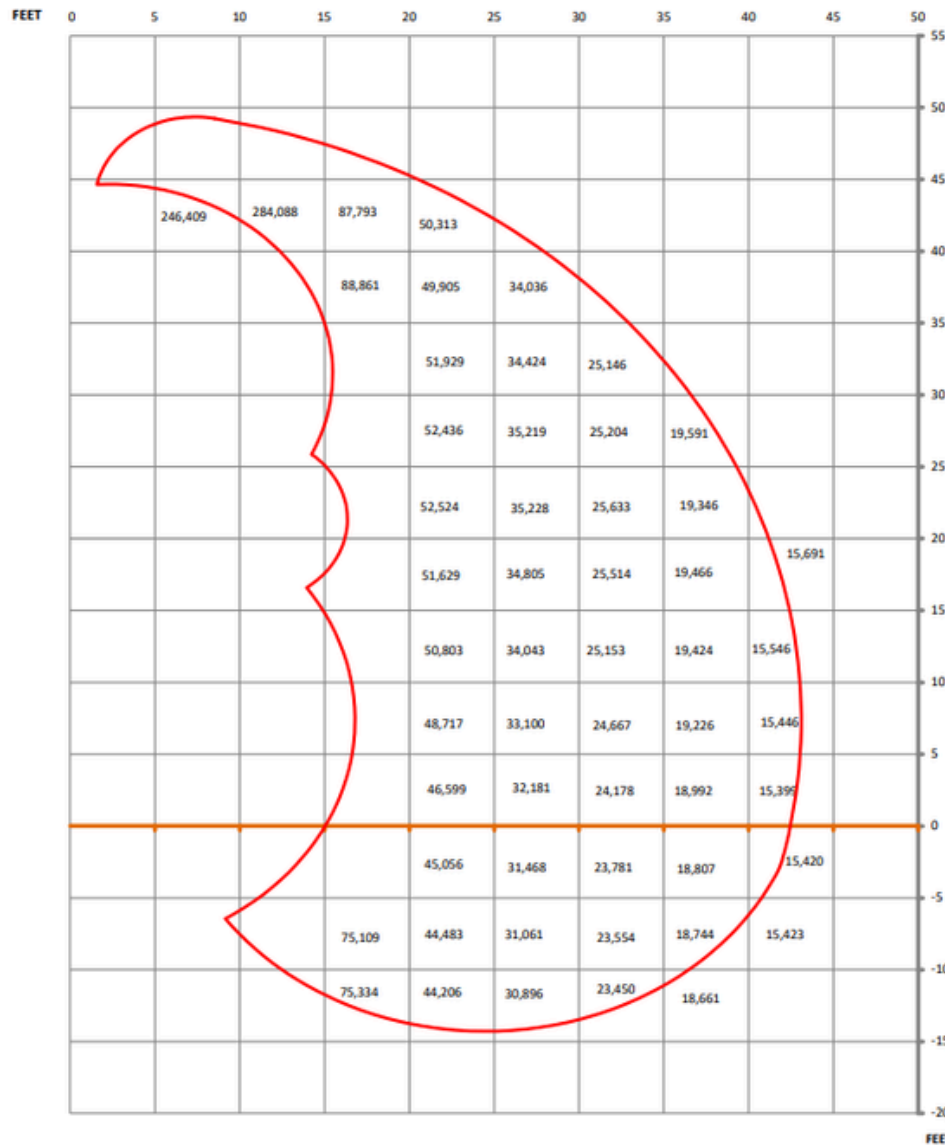
ELECTRIC SYSTEM	
System voltage	24 Volt
Battery	2 x 12 V, 120 Ah
Alternator	24V - 70A

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 34,036 lbs is the load capacity at 25 ft reach and 40 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.

