



CRANE EQUIPMENT MANUFACTURING CORP.

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160 SW Mobile MODEL

CHOOSING THE RIGHT MACHINE

Grizzly cranes come in a range of self-loader models & stationary models, any one of which can be custom designed to meet your needs.

As a first step, you must select the machine best suited to your application. You need to take account for the machines capabilities and limits when choosing the perfect machine.



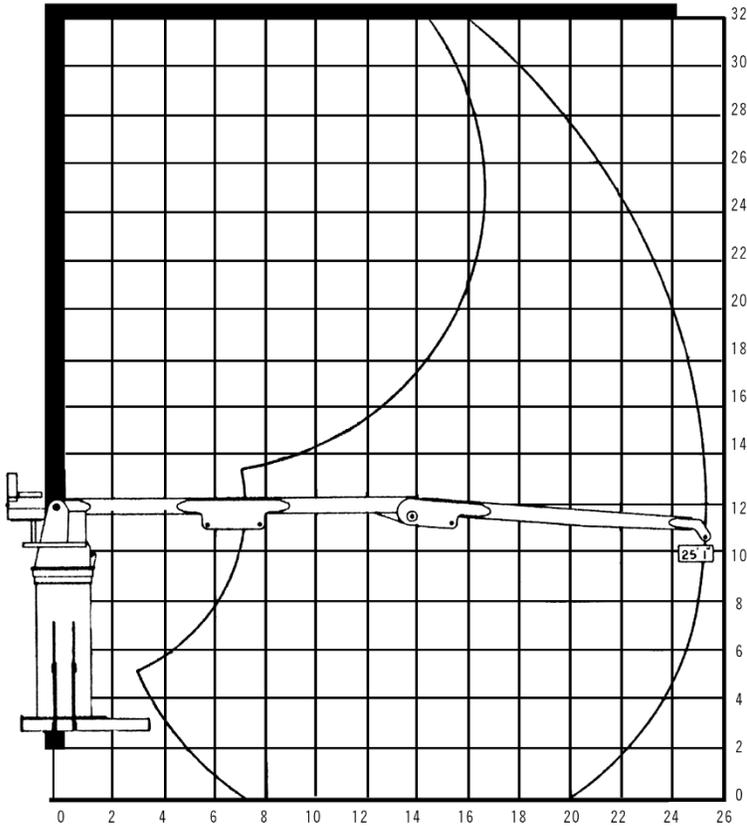
ALL GRIZZLY KNUCKLEBOOM CRANES FEATURE:

- Triple Hydraulic pump
- Heel bar on main jib
- Standard 48" cab
- Crimp-on hose ends
- Stack valve controls (wobble stick)
- 14'0" stabilizer spread, standard (8' retracted)
- Specially hardened, large ball, in-line swivel
- The cleanest hose routing available
- All hoses in critical areas hidden/protect
- The most versatile grapples available
- Self-locking outrigger retraction
- Most durable boom available
- Trouble-free grapple-motor mounting system
- One-piece PTO system
- Self-aligning bearings on main, jib and outrigger cylinders
- Cushion on swing
- Choice of 25'1", 23' or 21'6"
- Four-jaw grapples
- Weather-sealed hydraulic reservoir with pressurized breather cap
- Strongest, cleanest welds available in the industry
- Outrigger controls on operator platform

Customization:

Crane Equipment Manufacturing Corporation is known for their handmade and completely customizable machines. We pride ourselves on the fact we make each machine custom to order to fit our customers every need. We specialize in making particular-use machines (for poles, buildings supplies, logging, solid waste, marine, material handling, landscaping, etc.). We can fabricate your machine with every necessary function to fulfill the job at hand. We can paint to match your color specifications, install hooks, ladders, hand-holds, axe and shovel holders, install scale's readout on loader deck etc.; all to your requirements. If it's possible to do safely, we can probably do it for you.

SWING PROFILE



SWING SYSTEM

Planetary gear reduction with high torque hydraulic motor, direct pinion to turntable bearing and “motion control valve” provide vital functions:

- 360° non-continuous rotation
- Extra swing power
- Positive swing control
- Longer service life

RATED MAXIMUM LIFT CAPACITIES

RADIUS		LIFT	
Feet	Meters	Pounds	Kilograms
8	2.44	16,000	7,257.48
14	4.27	9,140	4,145.83
20	6.10	5,400	2,449.40

CONSTRUCTION

Upper frame, lower frame, stabilizers and boom are high quality steel.

GRIZZLY 160 SW

SPECIFICATIONS WITH WOBBLE STICK CONTROLS

The lightweight, super-fast **Grizzly 160 KNUCKLE BOOM LOADER** has a lift capacity of 16,000 lbs. at a radius of 8 feet, and horizontal reach of 25' 1". The 160 loader has, as standard equipment, a triple hydraulic system allowing 100% independent swing control.

HYDRAULIC SPECIFICATIONS

Triple gear pump with approximately 75 G.P.M at 1,200 RPM Stack-type spool valves with reliefs and spring returns. 64-gallon hydraulic oil reservoir with weather sealed access. Completed hydraulic system protection with filtration. Pressure setting of approximately 2,000 P.S.I. Wobble stick controls for quick, responsive handling and foot pedal swing for smooth rotation.

CYLINDERS	QTY	BORE	STROKE	ROD DIA.
Main Boom	1	6"	36"	3"
Jib Boom	1	6"	36"	3"
Outrigger	2	6"	24"	2½"
Grapple	2	3½"	8"	1¾"

STANDARD EQUIPMENT

- 360° non-continuous rotation
- Boom – horizontal reach, 25'1"
- 14'0" stabilizer spread
- Triple hydraulic pumps
- Stack valve controls – Wobble stick
- Hydraulic swing mechanism
- 40" interlocking grapple
- Mounting kit
- Heel bar on main boom and jib boom
- Self-aligning bearings on main jib cylinders
- 48" standard cab
- Crimp-on hose ends

OPTIONAL EQUIPMENT

- Hydraulic over hydraulic controls – remote controls
- Grapples – 44", ¼ cord and 1/3 cord
- Continuous rotation on both swing and grapple