



# MANTIS 15010MX 77-TON CRAWLER CRANE

TELESCOPIC REACH TO 111'6"



# SPECS

77-TON CAPACITY AT 10'  
4-SECTION 37'6" - 111'6" BOOM  
SYNCHRONIZED TELESCOPING SYSTEM, TWO DOUBLE  
ACTING HYDRAULIC CYLINDERS W/ LOAD HOLDING  
VALVES, EXTENSION & RETRACTION CABLES

WINCHES:  
PLANETARY GEARED 2-SPEED WINCH INCLUDES BENT AXIS HYDRAULIC MOTOR,  
MULTI-DISC INTERNAL BRAKE,  
COUNTERBALANCE VALVE, GROOVED DRUM  
AND CABLE FOLLOWER

TRAVEL:  
EACH SIDE FRAME CONTAINS PILOT CONTROLLED,  
2-SPEED TRACK DRIVE W/ HYDRAULIC AXIAL PISTON  
MOTOR AND PARKING BRAKE

SWING:  
GEAR MOTOR DRIVING PLANETARY GEAR REDUCER W/ SHAFT MOUNTED PINION,  
EXTERNAL GEAR SHEAR BALL SLEW  
BEARING BOLTED TO THE SUPERSTRUCTURE, CARBODY  
ALLOWS SUPERSTRUCTURE TO ROTATE 360 DEGREES

FRAME:  
ALL-STEEL, WELDED, PRECISION MACHINED TO ACCEPT  
ATTACHMENT OF BOOM & SWING COMPONENTS  
35,000 LB. 2-PIECE COUNTERWEIGHT  
LOAD MOMENT INDICATOR  
.6MPH - 1.7MPH SPEED  
AUXILIARY BOOM HEAD:  
QUICK REEVE, SINGLE 19" DIA.  
HIGH-STRENGTH CAST NYLON  
SHEAVE MOUNTED ON HEAVY-  
DUTY ROLLER BEARING

HYDRAULICS:  
(2) HIGH PRESSURE, VARIABLE  
AXIAL PISTON PUMPS W/ LOAD SENSE AND POWER LIMITING  
CONTROL/1546GPM @2100RPM

ENGINE:  
CUMMINS QSB 6.7, 6 CYLINDER  
ELECTRICAL SYSTEM:  
TWO WELDED STEEL SIDE FRAMES PAIRED WITH TRACK GROUP,  
EXTEND AND RETRACT  
HYDRAULICALLY AND ARE  
CONTROLLED FROM THE CAB  
OPERATOR'S CAB  
FULLY-ENCLOSED, ALL-STEEL MODULAR CAB WITH LOCKABLE SWINGING DOOR,  
ACOUSTICAL LINING, ANTI-SLIP FLOOR AND TINTED SAFETY GLASS



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