

2020 GROVE GMK4090

YEAR: 2020
CAPACITY: 100 ton
MILES: 21,556
HOURS: 2,150
SERIAL NUMBER: 40904046

Crane Specifications	
BOOM	36 - 167 ft six-section hydraulic pinned main boom. Six sheave boom nose.
BOOM ELEVATION	One hydraulic single acting cylinder with integral holding valve. -3 to 82 degrees.
RATED CAPACITY LIMITER (RCL)	CCS rated capacity indicator with graphic display. Includes readout of load charts.
OPERATOR'S CAB	Full vision aluminum cab, 20 degree hydraulic tilt, safety glass, hinged front window with wiper, sliding door with window, sun visor and window shade, dormer window with wiper, air heater, fan and defroster nozzles, adjustable deluxe seat, headrest and armrest mounted dual axis crane control joysticks, CCS crane engine controls, two spotlights, retractable cab foot walk.
SWING	360 degree continuous rotation, two slewing gears with axial piston motor, planetary reduction gear, service and holding brake, infinitely variable speed 0-1.8 rpm.
COUNTERWEIGHT	40,345 lbs of multiple sections plus slab in lieu of auxiliary hoist operated from the crane cab.
HYDRAULIC SYSTEM	Two separate circuits. Oil cooler and pressure test points. 180 gallon tank capacity.
MAIN HOIST	Axial piston motor with planetary reduction gear and automatic multiple disc brake. Drum rotation indicator. 720 ft of 16 mm diameter wire rope.
SAFETY SYSTEMS	Hoist and lowering limit switches, check valves on load bearing cylinders, pressure relief valves.
CARRIER	8 x 6 x 8 drive
OUTRIGGERS	Four two-stage hydraulic telescoping beams with vertical cylinders and polymer outrigger pads. Independent operation.
ENGINE	Mercedes-Benz OM470, 435 HP turbo charged diesel.
TRANSMISSION	Mercedes G280 with 16 speed forward, one reverse, 2 speed transfer case.
SUSPENSION	Megatrak (all wheel independent hydropneumatic suspension), hydraulic lockout and automatic leveling system.
BRAKES	Dual line full air on all wheels. Pneumatically operated spring-loaded emergency/parking brake on axles 2, 3 and 4. Exhaust brake and constant throttle engine brake. ABS.
MISCELLANEOUS STANDARD EQUIPMENT	Access steps, maintenance tool kit, automatic interval controlled central lubrication of struts and steering lever journals, aluminum diamond plate decking, wheel chocks.

