

MOROR

MODEL

Summary of features

- Caterpillar 910 Power Package 3204, 65 Flywheel H.P. Diesel
- Articulated Frame, Sharp Turning Front Wheels provide excellent maneuverability and short turn radius. Steering control is all hydraulic.
- Caterpillar Powershift Transmission. Three speeds forward, three reverse. Caterpillar torque converter and drive axle.
- Full Hydraulic Controls for wheel lean, blade lift, circle drive, centershift and articulation control. Lock valves are provided on each implement circuit.
- Low Profile R.O.P.S. Cab combines convenient control placement with the comfort of sit-down operation.
- · Caliper disc brakes for excellent braking and easy servicing.



Caterpillar Engine

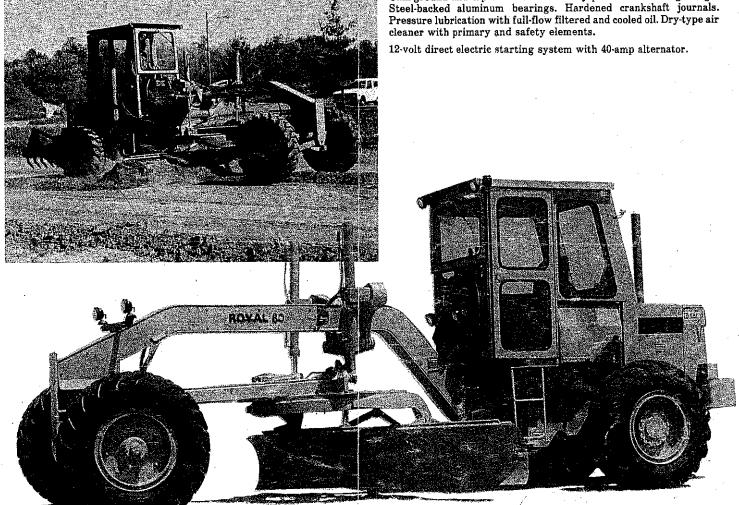
Horsepower @ 2400 RPM (Kilowatts (kW) is the International System of Units equivalent of horsepower.)

The net power at the flywheel of the vehicle engine operating under SAE standard ambient temperature and barometric conditions, 85°F (29°C) and 29.38" Hg (995 mbar), using 35 API gravity fuel oil at 60°F (15.6°C). Vehicle engine equipment includes fan, air cleaner, water pump, lubricating oil pump, fuel pump and alternator. Engine will maintain specified flywheel power up to 7500 feet (2300 m) altitude.

Caterpillar 4-stroke-cycle, 3204 diesel Engine with four cylinders, 4.5" (114 mm) bore, 5" (127 mm) stroke and 318 cu. in. (5.2 liters) displace-

Direct injection fuel system with individual adjustment-free injection pumps and valves.

Cam-ground and tapered aluminum alloy pistons with 2-ring design.





Transmission

Planetary power shift with three forward and three reverse speeds.

		1	2	3
Forward	MPH	4.4	8.4	16.5
	km/h	7.1	13.5	26.5
Reverse	MPH	4.6	8.7	16.5
	km/h	7.4	14.0	26.5



Circle

Seamless high strength steel 59" diameter. Uniform flame cut teeth. Raised wear surfaces top and bottom prevent circle teeth from contacting support shoes. Hydraulically driven worm gear provides full 360° circle rotation.



Moldboard

Wear resistant, high carbon steel. Length x Width x Thickness $10' \times 22'' \times .75''$

Cutting edge - through hardened wear resistant steel.	
Width x Thickness	6" x .62"



Drive Axle

Drive axle fixed, axle shafts may be removed without removing wheels and planetaries. No spin differential is



Planetaries

Planetary reduction in each drive wheel. Planetary units may be removed independently of wheels and brakes.



Front Axle

Solid steel arched bar provides 22" ground clearance. Oscillates total of 32°. Front wheel lean angle 18° left or





Steering

Front Wheels - full hydraulic power.

Steering Range - 50° left or right.

Frame - hydraulically actuated steering - 20° left or right. Minimum Turn Radius - 19'-6" (outside front tires)

*Using frame articulation, wheel steering and wheel lean.



Brakes

Service - Two Wheel, Caliper Disc Brakes standard, hydraulically actuated. Right pedal actuates brakes without neutralizing transmission. Left pedal applies brakes and neutralizes transmission for faster easier operation, excellent for inching.

Parking - Mechanical Shoe Brake.

Emergency - Manual Control through booster.





Tires

Front - 13.00 x 24 (8 PR) Traction Type Rear - 15.5 x 25 (8 PR) Traction Type



Basic Operating Weight

with cab														 	 . 1	7	.2	50	lb	s.	
with canopy		٠.			,				,						 . 1	.6	.9(00	lb	8.	

Standard Equipment:

12V Electric Starting
40-Amp Alternator
Fuel Priming Pump
Dry Type Air Cleaner
Muffler
Engine Side Shields
Rear Tow Hitch
Back-up Alarm
Stop & Tail Lights
Back-up Lights
Cab Interior Light
Instrument Panel Lights
Tool Box
Door Locks
Enclosed R.O.P.S. Cab
Tinted Safety Glass

Optional Equipment

Full Height R.O.P.S. Cab Full Height R.O.P.S. Canopy Low Profile R.O.P.S. Canopy Cab Air Conditioning Cab Pressurizer Windshield Washer Rearview Mirrors Tool Kit Vandalism Protection Kit

Optional Earthmoving Attachments:

12-Foot Moldboard Hydraulic Blade Side Shift Hydraulic Blade Tip Control Hydraulic Blade Float Control Blade Extensions Cab Sound Insulation
Adjustable Seat & Seat Belt
Cab Heater & Defroster Fan
Throttle Accelerator/
Decelerator
Warning Horn
Windshield Wiper
Air Cleaner Indicator
Engine Service Meter
Engine Oil Pressure Gauge
Engine Coolant Temperature
Gauge
Transmission Oil Temperature
Gauge

Directional Lights
Headlights
Work Lights
Warning Lights
Push Block
Counterweight
15.5 x 25 8 PR Front Tires
15.5 x 25 12 PR Tires
17.5 x 25 12 PR Rear Tires

Ammeter Gauge

Rear Mounted Scarifier
Front Mounted Dozer Blades
Front Mounted Snow Blades
Rear Mounted Window
Eliminator

NOTE: Other options may be available upon request.

