

BG-210

**BARBER-GREENE®**

A Division of Caterpillar Paving Products Inc.

ASPHALT PAVER



TRACTOR UNIT

POWER UNIT: John Deere 4039T turbo charged water cooled diesel engine, four cylinders developing 106 horsepower at 2200 RPM. Includes air cleaner, renewable oil and fuel filters, pre-fuel filter, and adjustable mechanical governor. Engine is transversely mounted with exhaust to right side. Radiator rubber mounted for vibration. Separate hydraulic oil cooler.

POWER TRANSMISSION: Clutch from engine flywheel to pump drive gearbox.

PUMP DRIVE BOX: Three-hole pump drive box, including the following pumps: propel, services,

two feeders, two augers, and vibrators.

PROPEL SYSTEM: Consists of variable displacement pump controlled by a mechanical lever driving a variable displacement motor. Motor drives a transmission which incorporates a two-speed mechanical transmission and transfer gearbox to the differential axle. Drive wheels are mounted directly to the axle output. Differential lock is hydraulically operated by a momentary switch.

SPEED RANGES:

Lo Pave	145 FPM
Hi Pave	275 FPM
Lo Travel	7 MPH
Hi Travel	13.5 MPH

BRAKES: Multiplate oil immersed disc brakes, hydraulically operated by single pedal, one at each station, spring applied, hydraulic release parking brake. The brakes are located within the axle at the output of the differential.

FEEDERS: Twin independent feeders controlled independently from augers using paddle switch mounted in feeder discharge. Manual override provided. Feeder gear pump provides hydraulic flow and drives motor with chain drive to feeder headshaft. Feeder headshaft mounted on self-aligning bearing units with feeder chain sprockets on outside of mainframe for maximum feeder live area.