

J-251-LS DRILL JUMBO

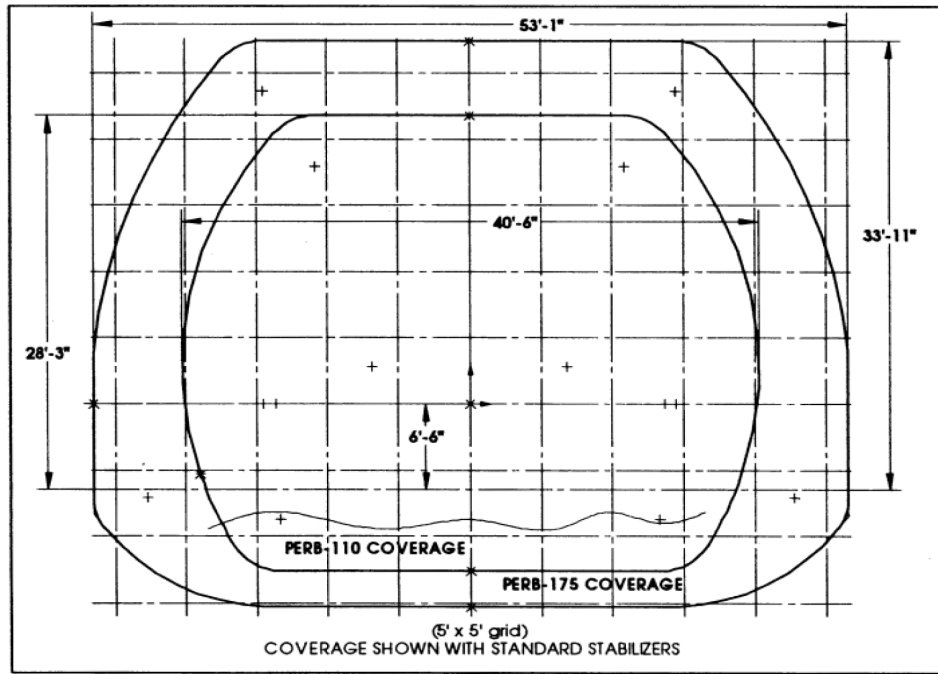
TECHNICAL SPECIFICATION



Specifications

- Single boom jumbo is designed specifically for limestone mines and efficient drilling of headings as large as 50 ft. wide and 35 ft. high in one set up.
- Self contained, diesel hydraulic jumbo drill, provides the flexibility required to handle face, bench and roof bolt drilling requirements. J-251-LS carries all fuel and pelletizing water necessary to operate a full 10 hour shift without service.
- Four ram type stabilizers (two each front and rear) lift the complete machine 1 ft. off ground. Optional stabilizers lift machine 3.5 ft. Front stabilizers extend out to a 14 ft. wide stance for the improved stability required for full width hole locations.
- Tram drive is provided by an engine driven closed loop hydrostatic system driving through a two-speed drop box and drive shafts to both axles. A single joystick controls tram speed, direction and steering.
- Optional exclusive “articulated” operator cab tilts and swings providing unparalleled comfort and visibility for hard to see rib and roof holes. Cab includes a standard air conditioner/heater with filtered pressurizer and designed to maintain a 68-72 degree level.
- All operator controls for drilling and tramping are either pilot operated or 24vdc solenoid controlled, minimizing the noise and heat generated in the cab. All controls are conveniently located for comfortable operation from the standard “captains” style seat.
- All hydraulic, infinitely variable, rock responsive drill hydraulic system allows the machine to be matched to your drilling requirements. All drill system valves are leak free replaceable cartridges in manifolds and are in readily accessible cabinets.
- Flushing air is provided by an onboard hydraulic driven screw air compressor with high pressure output for better hole cleaning and more efficient drilling. A horizontal 200 gallon water tank carries the water required for pelletizing.
- Engine compartment covers are hinged and are easily opened for improved maintenance access. An optional enclosed engine compartment with hinged doors reduces noise levels.
- Engine radiator and hydraulic/air compressor coolers are remote mounted at the back of the machine and swing open for complete access for cleaning.

Model J-251-LS



General Specifications

Engine	Cummins QSB5.9	Water Tank	200 gallons
Height	9'11"	Hydraulic Tank	45 gallons
Overall Width	8'6"	Filters - Suction	magnetic & 100 mesh
Length - Chassis	21'3"	Filters - Return	3 micron
Length - Overall	43'	Filters - Pressure	3 micron
Weight (complete)	50,000 lbs.	Air Filters	Donaldson
Wheel Base	136"	Precleaners	Turbinair
Articulation	80 degrees	Compressor	150cfm @ 150psi
Axle Oscillation	10 degrees	Electrics	24vdc
Gradeability	40 percent	Tires	14.00x20 SXMH, 20 ply
Maximum Speed	5 mph	Operator Cab	80 dba, heater/air conditioner with filtered pressurizer
Fuel Tank	80 gallons		

Fletcher Options

- PERB175 Boom
- Boom Soft Ride
- Single lever boom control system
- Ansul fire suppression
- Articulated operators cab
- Operator cab for low height
- High lift stabilizers to lift machine 3.5 ft
- Dual output air compressor 210 cfm@125psi/150 cfm@150 psi
- Engine compartment side doors
- Wireless angle indicator for feed tilt
- Wireless angle indicator for feed swing and feed tilt
- Hole depth system
- Greasing system
- High output marine drill lights
- Filled tires
- Exhaust purifier
- Exhaust particulate filter
- Caterpillar, Deere or Deutz diesel engine
- Electric powered drill hydraulic system with or without cable reel.