Application

J151 DE single boom jumbo is designed for development and production drilling in headings from 10 ft. by 10 ft. (3m by 3m) up to 24 ft. wide by 21 ft. high (7.3 m high by 6.4m wide) in one carrier set up.

Diesel trampling with electric hydraulic drilling insures cost effective drilling and fast heading to heading moves. The compact, articulated design allows the jumbo to tram and setup in tight headings, circular ramps or crosscuts.

Operator comfort and safety can be provided with a fully enclosed, sound suppressed cab. The optional air conditioning/heating system filters the introduced make-up air as well as the recirculated interior air. The cab allows for excellent visibility while drilling and trampling.

Variable, rock responsive hydraulic system allows the machine to be matched to your drilling requirements.

All normal service items including air and hydraulic filters are located on the outside of the machine for easy servicing or replacement.

Specifications

- Canopy: MSHA Approved 30 CFR 75, 1710-1 (D)
- Rock Drill: HVL 38
- Boom: PERB 45
- Feed*: ACF8 – ACF16
- Engine Power: 130 HP (97 kW)
- Electric Motor: 75 HP (56 kW)
- Cable Reel Capacity: 330' (100 m)

*Machine shown with ACF14
Model J-151-DE

Specifications

- Engine: Cummins QSB 4.5
- Min. Height: 7'7" (2.32m)
- Overall Width: 5'8" (1.72m)
- Length - Chassis: 22'3" (6.78m)
- Length - Overall: 39' (11.89m)
- Weight (complete): 35,000 lbs. (15,875kg)
- Articulation: 80°
- Axle Oscillation: 10°
- Gradeability: 30%
- Maximum Speed: 5 mph (8kph)

- Fuel Tank: 20 Gallons (75.7l)
- Hydraulic Tank: 40 Gallons (151.4l)
- Filters - Suction: Magnetic & 100 mesh
- Filters - Return: 3 Micron
- Filters - Pressure: 3 Micron
- Compressor
- Water Boost Pump
- Electrics: 24 VDC
- Tires: 12.00 x 20 NHS, 28 ply

Highlighted Options

- Enclosed Operator’s Cabin
  - Filtered Heater/Air Conditioner
- Montabert HC109 or HC110 Rock Drill
  - Ideal for High Strength Geology
- Drill Angle Indicator
  - Allows Operator to Control the Angle of Face and Lookout Hole
- Water Reel
  - 200’ (61 m) Capacity

J. H. Fletcher & Co. cannot anticipate every mine hazard that may develop during use of these products. A roof control plan must be approved by MSHA before use of these products begins. Proper use, maintenance and continued use of (OEM) original equipment parts will be essential for maximum operating results.

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