

HC16B

Trailing Cable Powered High Capacity Shuttle Car



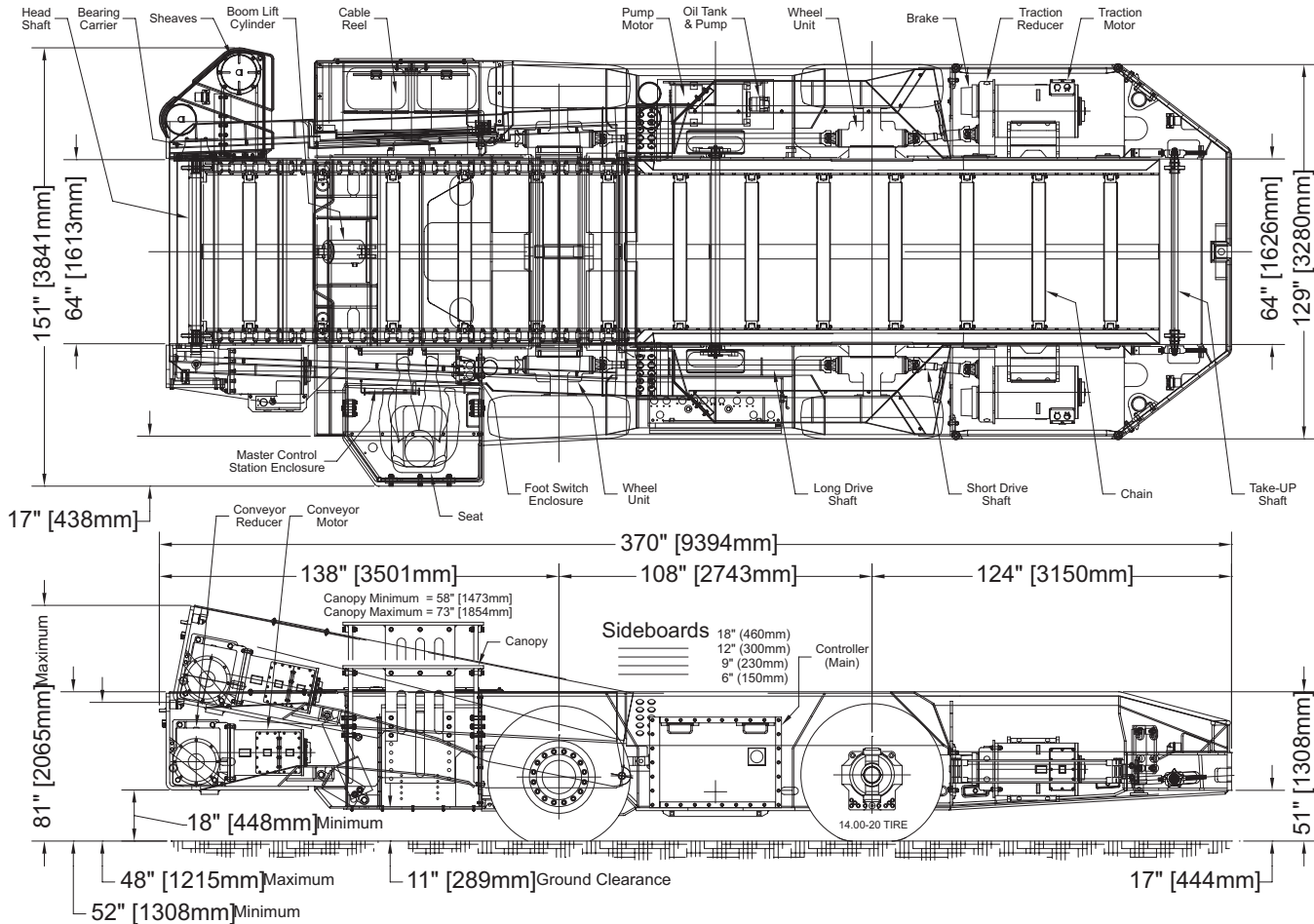
Trailing Cable Powered High Capacity Shuttle Car (16 Tonnes)

Since its introduction at MINExpo 2000, the High Capacity Chassis design has evolved from a battery powered model to include cable operated shuttle cars. This High Capacity Chassis design has been proven to increase the payload of each trip.



Increased Payload, Heavy Duty Unibody Chassis & Advanced Wheel Unit Design

- AC inputs available starting at 480 through 1140 Volts – 50 or 60 Hz
- VFD electronics available for the AC or DC inputs
- VFD traction motors 2x75hp (55kw) and 2x115hp (85kw)
- VFD conveyor motors 35hp (26kw) and 75hp (55kw)
- Pump motors 30hp (22kw) or 25hp (19kw)
- Halogen lighting with automatic controls
- Conveyor width options: 36" (91.44cm), 40" (101.6cm), 48" (121.92cm), 56" (142.24cm), 64" (162.56cm)
- Conveyor sideboard combinations to match capacity requirements
- Elevating conveyor discharge boom
- Conveyor discharge time – 30 to 40 seconds
- Grease type take-up mechanism with shims
- Single and dual heavy duty worm gear drives available
- Interchangeable planetary type wheel units
- Full time 4-wheel drive / 4-wheel steering
- Electronic traction differential for precise steering
- Tram speed: empty – 6 mph (9.6 Km/h)
full – 5.5 mph (8.5 Km/h)
- Automotive type steering draglinks with heavy duty tie rod ends
- Indexed steering components for easy wheel alignment
- Gear type hydraulic pump
- Pressure type and spin-on type filters available
- Injector type oil fill pump
- Hydraulic, fire and lube systems hose ends – JIC, MPT or Staple-Loc
- Dry chemical fire suppression



Model	Rated Capacity	Empty Weight	Overall Width (A)	Chassis Width (B)	Overall Length (C)	Chassis Height (D)	Ground Clearance	Tire Size	Load End Height	Ground Pressure	Minimum Seam Height
HC16B	16 Tonnes 18 Tons	24000 kg ₃ 53000 lbs ₃	3835mm 151"	3280mm 129"	9004mm 354.5"	1310mm 51.5"	292mm 11.5"	14.00x20	1310mm 51.5"	10.4 kg/cm ² ₄ 148 psi ₄	1900mm 75"

All specifications are subject to change without notice.
Dimensions are based on a cable car with a 64" (1625mm) wide conveyor.

Notes:
³ Machine weights will vary depending on options selected.
⁴ Ground pressure is shown at rated capacity and will vary depending on options selected.
⁵ When the dual loader chain option is selected, two (2) conveyor motors may be used.

Key Features

- Variable Speed Tram and Convey
- Liquid Cooling Available for Electronics in Extreme Mining Conditions
- Diagnostic Display Aids in Troubleshooting
- Operator Can Be Located on RH or LH
- Wet Multi-Disc Brake
- Cable Reel Capacity ≥ 230 Meters
- Trailing Cable Connects to Machine Using a Plug

Available Options

- Service Cylinders
- 4-Wheel Independent Suspension
- Dual Loader Type Conveyor Chain
- Audio/Visual Safety Device
- MineSMART Technology Package



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