

U20 Locomotives – 11 Available



Eleven U20 locomotives are available. Each locomotive is fitted with a GE 7FDL-8 V8, four-stroke, medium-speed diesel engine producing approximately 1,491 kW (2,000 hp) at 1,050 rpm. The propulsion system uses a GE GT601 Series direct-current main generator with an integrated GY27/GY50 auxiliary DC generator, supplying six GE 5GE761 Series DC axle-hung traction motors.

The locomotives have a Co-Co axle arrangement, 1,050 mm track gauge and a 94:15 gear ratio. Maximum speed is 103 km/h, with approximately 213 kN continuous tractive effort. Braking equipment comprises a WABCO 26L automatic air brake package and dynamic rheostatic braking through roof-mounted resistor grids. Coupling equipment includes an Alliance No. 2 coupler with rubber draft gear.

Operating weight is 96 tonnes, with a 16-metric-tonne axle load. Dimensions are 16,860 mm long, 2,743 mm wide and 3,758 mm high. Each three-axle truck has an approximately 3.44 m wheelbase, and wheel diameter is 914 mm when new. Inspection is available by arrangement.

SPECIFICATIONS

Specification	Details
General & Dimensions	
Model	U20
Year Manufactured	1980

SPECIFICATIONS

General & Dimensions

Wheel Configuration / Axle Arrangement	Co-Co
Machine Type	Locomotive
Condition	Sold As-Is (Requires Inspection)
Quantity Available	11
Track Gauge	1050 mm
Operating / Service Weight	96 tonnes
Axle Load	16 metric tons
Length	16,860 mm
Width	2,743 mm
Height	3,758 mm
Coupler Type	Alliance No. 2
Draft Gear	Rubber draft gear

Powerplant & Performance

Engine	GE 7FDL-8 (V8, 4-stroke, medium-speed diesel)
Power	Approx. 1,491 kW (2,000 hp) @ 1,050 rpm
Continuous Tractive Effort	Approximately 213 kN
Maximum Speed	103 km/h

Running Gear

Bogie Wheelbase	Approximately 3.44 m (11 ft 3.5 in) per three-axle truck
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Electrical & Mechanical Systems

Transmission	DC traction (DC main generator to DC traction motors)
Alternator	GE GT601 Series direct-current main generator; integrated GY27/GY50 auxiliary DC generator

SPECIFICATIONS

Electrical & Mechanical Systems

Traction Motors	6 × GE 5GE761 series DC (axle-hung)
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Gear Ratio	94:15
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Wheel Diameter	914 mm (new)
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Air & Braking Systems

Brake System	WABCO 26L automatic air brake package; dynamic rheostatic braking via roof-mounted resistor grids
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Location

Inspection Available	Equipment inspection is available by arrangement
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ADDITIONAL IMAGES

