ELECTRO-MOTIVE

FREIGHT LOCOMOTIVE

GT38AC

GT38AC Benefits

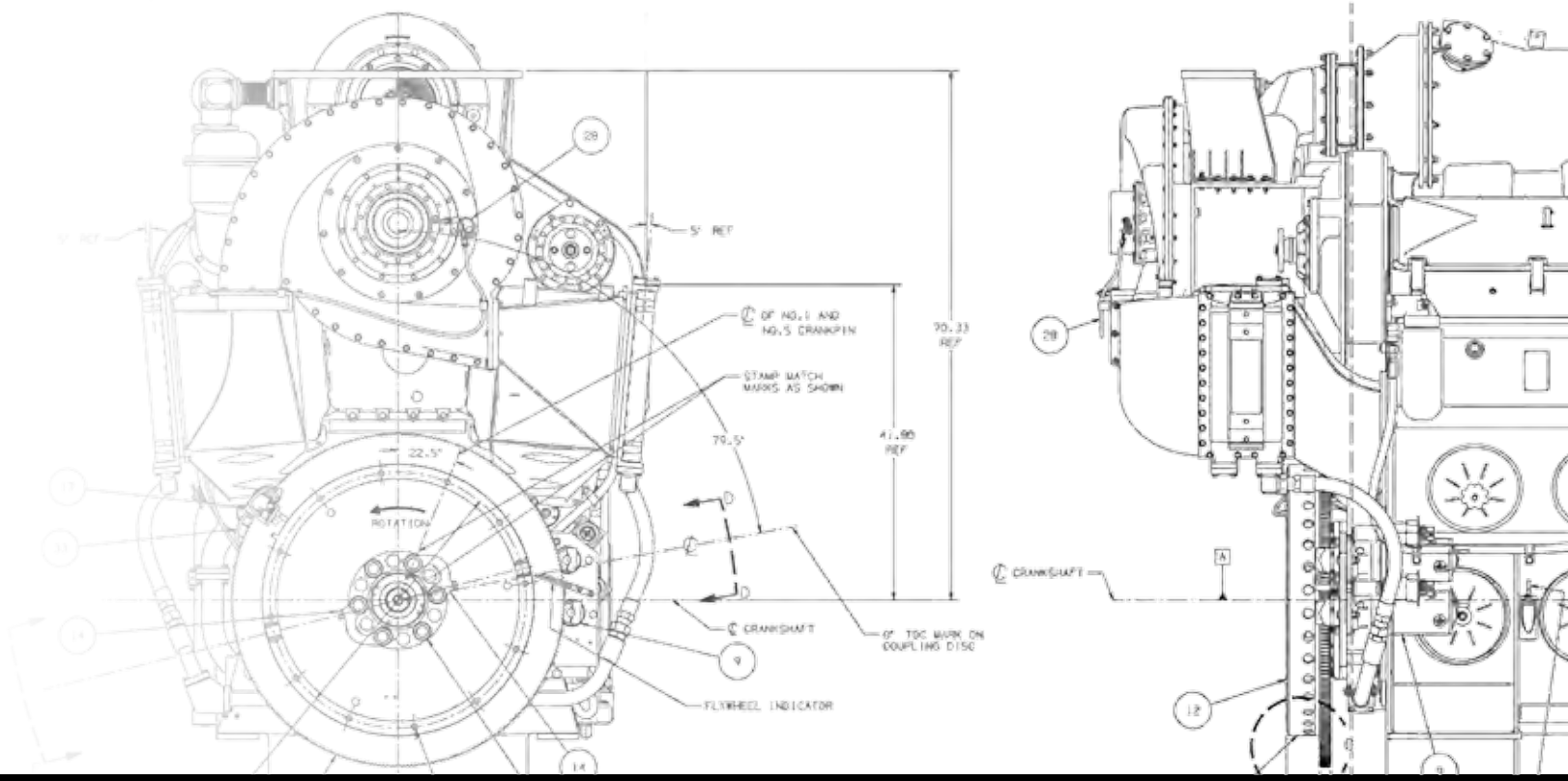
- Familiar components enhance serviceability at existing maintenance points
- EMD 710 series diesel engine
- Engine shaft driven air compressor
- AC motors for auxiliaries including fuel pump and turbocharger soakback pump
- Light weight fabricated bogies
- 6-year engine overhaul period (based on medium duty cycle)

EM2000™ Microprocessor Control System

- Excitiation and load control
- Adhesion control
- Engine control
- Diagnostic system
- Archived unit history data

GT38AC Technical Details

Locomotive Type	Narrow Gauge 6-axle Diesel Electric / AC Traction
Height	4.15 Meters
Overall Length	19.34 Meters
Horse Power	2000 HP / 1491 Kw
Maximum Speed	80 Km/h
Continuous Tractive Effort	400 kN
Starting Tractive Effort	600 kN
Dynamic Braking Effort	235 kN
Adhesion	38% Continuous / 57% Starting
Fuel Capacity	3,800 Liters (approx.)
Cooling Water Capacity	662 Liters
Engine	8-710G3A
Maintenance Interval	184 Days
Nominal Weight	108 Tonnes



Electro-Motive is owned by
Progress Rail Services, A Caterpillar Company