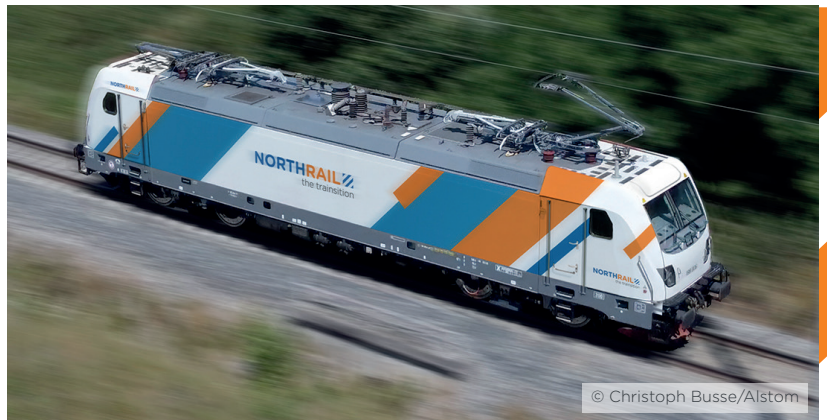


DATA SHEET

# Traxx 3 MS

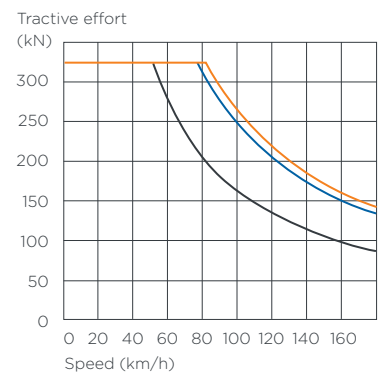
Multi-system locomotive for freight and passenger traffic in the European corridor



Alstom's Traxx 3 MS multi-system locomotive, equipped with ATLAS ETCS, enables seamless cross-border traffic at higher speeds and frequencies on the railways. At speeds of up to 160 km/h, the locomotive can travel through Germany, Austria, Belgium, France, Luxembourg and Poland, making it suitable for freight and passenger transport. The last-mile option also allows the locomotive to be used in shunting operations.

Technical data	Traxx 3 MS
Manufacturer	Alstom
Locomotive type	Electric locomotive with multi-current system
Power at the wheel	6,400 kW (15 kV AC/25 kV AC) 6,000 kW (3 kV DC) 4,000 kW (1.5 kV DC)
Starting tractive effort	max. 320 kN Multiple traction: 600 kN
Operating speed	160 km/h 140 km/h until January 2026 120 km/h in LU
Locomotive weight	86-89 t
Wheelset load	21.5-22.3 t
Length over buffers	18,900 mm
Minimum curve radius	80 m with $V < 10$ km/h
Homologation	DE, AT, BE, FR, LU, PL
Miscellaneous	ATLAS ETCS Baseline 3.6, LZB, PZB, SHP, TBL1+, KVB, RPS (ATESS), multiple traction, rear-view camera Optional: Last-mile diesel engine (230 kW/260 kN), RRC Optional from mid 2027: Last-mile battery, RRC

## Tractive effort on wheel



- AC (Pmax = 6.4 MW)
- 3 kV DC (Pmax = 6 MW)
- 1.5 kV DC (Pmax = 4 MW)

Source: Alstom