

# Traxx 3 MS

The powerful Traxx 3 MS multisystem locomotive with Last Mile module is suitable for freight and passenger transport on European corridors.



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Thanks to ETCS, the four-axle **Traxx 3 MS** electric locomotive from Alstom enables seamless cross-border operation at speeds of up to 160 km/h. It can operate in Germany, Austria, Belgium, France, Luxembourg and Poland. Its Last Mile module, featuring an additional auxiliary diesel engine, also makes it suitable for shunting operations and non-electrified sections of track.

|                          |                                                                                                    |
|--------------------------|----------------------------------------------------------------------------------------------------|
| Manufacturer             | Alstom                                                                                             |
| Locomotive type          | Electric locomotive with a multi-current system                                                    |
| Traction power at wheel  | 6,400 kW (15 kV AC/25 kV AC)<br>6,000 kW (3 kV DC)<br>4,000 kW (1.5 kV DC)                         |
| Starting tractive effort | max. 320 kN<br>Mehrfachtraktion: 600 kN                                                            |
| Operating speed          | 160 km/h<br>120 km/h in LU                                                                         |
| Tare weight              | 89 t                                                                                               |
| Wheel set load           | 22.3 t                                                                                             |
| Length over buffers      | 18,900 mm                                                                                          |
| Minimum curve radius     | 80 m mit V < 10 km/h                                                                               |
| Train Control System     | ATLAS ETCS Baseline 3.6, LZB, PZB, SHP, TBL1+, KVB, RPS (ATESS)                                    |
| Miscellaneous            | Multiple traction, reversing camera, Last-mile diesel engine (230 kW/260 kN), radio remote control |
| Homologation             | DE, AT, BE, FR, LU, PL                                                                             |

