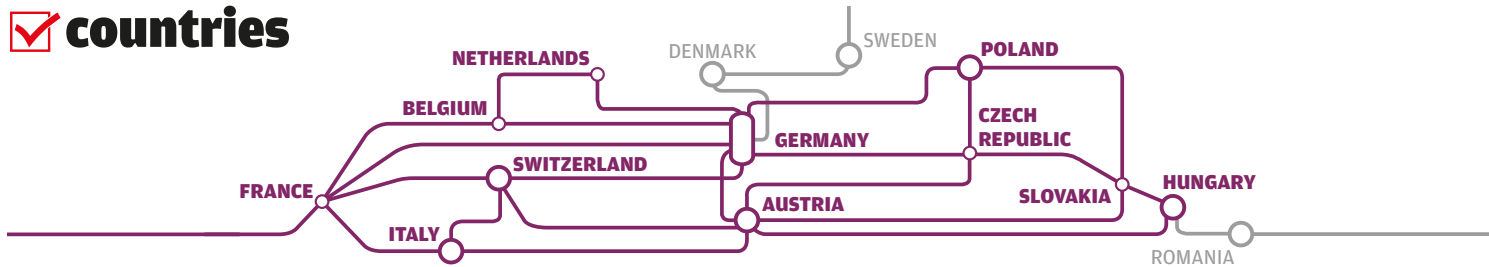


BR 186

TRAXX MS

✓ countries



✓ main technical data

Manufacturer	Bombardier						
Continuous rated power	5,600 kW (15/25 kV AC and 3 kV DC) 4 MW (1.5 kV)						
Maximum speed	140 km/h						
Starting tractive effort	300 kN						
Continuous tractive effort	258 kN at 78 km/h						
Weight in working order	87 t						
Wheel arrangement	Bo'Bo'						
Clearance gauge	UIC 505-1						
Length	18.900 m						
Traction motors	4 asynchronous motors						
Electric braking	15/25 kV AC: 5.6 MW at the wheels (regenerative) 1.5/3 kV: 2.6 MW at the wheels (regenerative/ rheostatic depending on the corridor)						
Multiple unit operation	Yes						
Homologations	D-A-PL-NL-CZ-SK-HU (B in option)	D-A-CH-I	D-A-B-NL	D-A-CH-I-NL-B	D-A-I	D-B-F	D-A-PL
Year of construction	2017	2018	2017	2018	2017	2009-2014	2014
Electric power supply	15/25 kV AC 1.5/3 kV DC	15/25 kV AC 3 kV DC	15 kV AC 1.5/3 kV DC	15/25 kV AC 1.5/3 kV DC	15 kV AC 3 kV DC	15/25 kV AC 1.5/3 kV DC	15 kV AC 3 kV DC
Safety systems	<ul style="list-style-type: none"> • GSM-R radio • ETCS L1, L2 (A, NL, & B in option) • PZB, LZB (D, A) • SHP (PL) • ATB-vV (NL) • Mirel VZ1 (CZ, SK, HU) • TBL1+ (B in option) 	<ul style="list-style-type: none"> • GSM-R radio • ETCS L1, L2 (A, CH) • PZB & LZB (D, A) • SCMT (I) 	<ul style="list-style-type: none"> • GSM-R radio • ETCS L1, L2 (A, NL, B) • PZB & LZB (D, A) • ATB-vV (NL) • TBL1+ (B) 	<ul style="list-style-type: none"> • GSM-R radio • ETCS L1, L2 (A, NL, B) • PZB & LZB (D, A) • ATB-vV (NL) • TBL1+ (B in option) • SCMT (I) 	<ul style="list-style-type: none"> • GSM-R radio • ETCS L2 (A) • PZB & LZB (D, A) • SCMT (I) 	<ul style="list-style-type: none"> • KVB • RPS • TBL1+ 	<ul style="list-style-type: none"> • GSM-R radio • PZB • LZB & SHP

✓ tractive effort - speed curve

