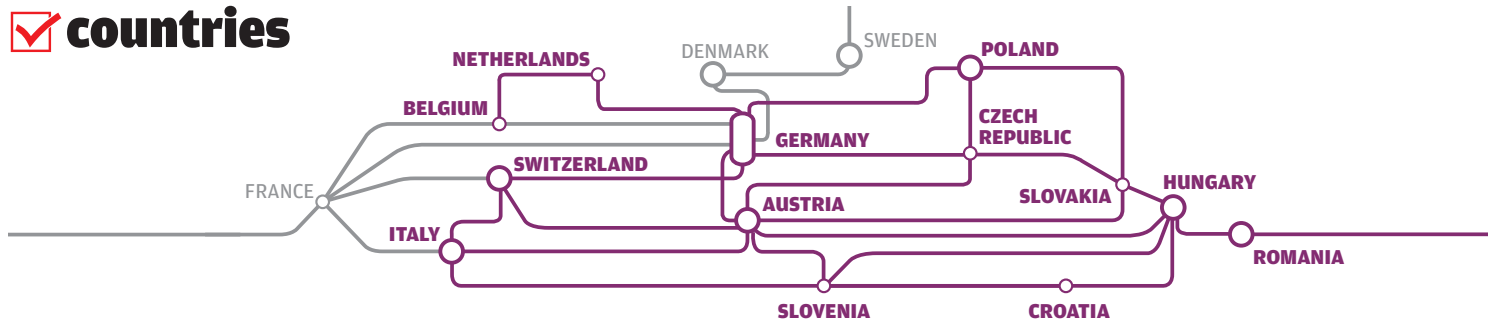


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TRAXX MS3

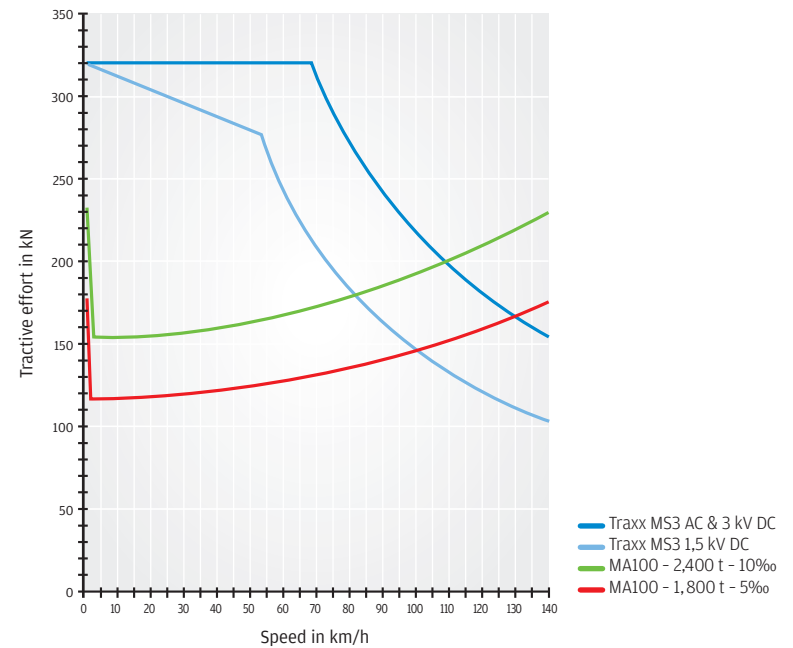
✓ countries



✓ main technical data

Manufacturer	Bombardier
Continuous rated power	6.4 MW/6 MW in continuous (15/25 kV AC, 3 kV DC) 4 MW (1.5 kV DC)
Maximum speed	140/h (electric) 50 km/h (Last Mile Diesel)
Starting tractive effort	320 kN (electric) 300 kN (Last Mile Diesel)
Continuous tractive effort	252 kN at 72 km/h (electric)
Weight in working order	90t
Wheel arrangement	Bo'Bo
Clearance gauge	UIC 505-1
Length	18.900 m
Traction motors	4 asynchronous motors
Electric braking	15/25 kV: 6 MW at the wheels (regenerative brake) 1.5/3 kV: 2.6 MW (brake resistor)
Multiple unit operation	Yes

✓ tractive effort – speed curve



Homologations	I	D-A-I	D,A,I,B,PL,CZ,SK,HU,HR,SLO,RO,CH,NL
Year of construction	2019	2020	
Electric power supply	3kV DC 25 kV AC	15/25 kV AC 3 kV DC	15/25 kV AC 3 kV DC
Safety systems	<ul style="list-style-type: none"> • ETCS L1/L2 • High speed line (Florence-Bologna) with ETCS L2 • SCMT as STM • Radio GSM-R 	<ul style="list-style-type: none"> • ETCS L1/ETCS L1 with Euroloop (in Austria)/ ETCS L2 • High speed line (Florence-Bologna) in Italy with ETCS L2 • SCMT as STM • Radio GSM-R • PZB, LZB 	<ul style="list-style-type: none"> • ETCS L1/L2 • High speed line • ETCS L2 • SCMT as STM • Radio GSM-R • PZB, LZB • MIREL as UNI-STM • TBL1+ • SHP