



NSB CLASS 74/75

Vehicle data			Technical features
Description	Long Local	Short Regional	Long Local / Short Regional
Lines operated	S-Bahn Oslo	Southern Norway	Bright, passenger-friendly interior with customized design
Gauge	1'435 mm	“	Power outlets for all passengers
Catenary supply voltage	15kV, 16.7 Hz	“	WLAN
Axle arrangement	Bo' 2' 2' Bo' + 2' 2' Bo'	”	Enhanced coverage for cell phones
Number of vehicles	26	24	New PIS system
Service start-up	2012-2013	2012	Air-conditioned passenger and driver compartments
Seating capacity	295	263	Vacuum toilet system, also suitable for the disabled
Floor height	Low floor 760mm High floor 1'180 mm	“	Low floor section 69%
Door width	1'300 mm	“	Spacious multipurpose area in entrance section
Longitudinal strength	1'500 kN	“	Air-suspended bogies
Overall length	105.5 m	“	Ergonomically designed driver's cab
Vehicle width	3'200 mm	“	3 redundant traction chains with water-cooled IGBT power converters
Vehicle height	4'380 mm	“	Vehicle control system with train bus and diagnostic computer
Tare weight	212,496 t	213,840 t	Train concept prepared for long distance design
Bogie wheelbase	Power bogie 2'500 mm Trailer bogie 2'750 mm	“	
Powered wheel diameter	920 mm	“	
Trailer wheel diameter	920 mm	“	
Maximum output at wheel	4500 kW	“	
Starting tractive power	240 kN	“	
Maximum speed	200 km/h	“	
General			
Reliability	NSB Flirt is built on proven technology that is tested in operation in several countries. Further changes have been made to adapt to Norwegian climate		
Safety	New fire norm prCEN/TS 45545 for enhanced fire safety of the train. Safety front designed for possible accidents (Crash Worthiness) according to prEN 15227		