

## Technical Data Tilting Diesel Multiple Unit VT610



Photograph: [https://commons.wikimedia.org/wiki/User\\_talk:Actuell37](https://commons.wikimedia.org/wiki/User_talk:Actuell37)

Platform heights for boarding	350 mm ... 760 mm
Doors per side, per unit	4
Door design	single panel sliding-plug doors
Door control	correct side door enabling by train driver
Number of first class seats per unit	16
Number of second class seats per unit	114
Number of fold-up seats per unit	6
Layout of passenger area	centre aisle
WCs	1
Type of WC	Vacuum
Windows	fixed and sliding windows
Approved	in Germany
Multiple heading	up to four
Maximum operating speed	160 km/h
Bogie	FIAT Ferroviaria S.p.A.
Wheel base in bogie	2 450 mm
Traction wheel diameter	890 mm
Carrying wheel diameter	890 mm
Distance between bogie pivots	17 500 mm
Axle arrangement	2' (A1)' + (1A)'(A1)'
Diesel engine	MTU (TU 12V 183 TD 12)
Capacity diesel engine	2x 485 kW
Fuel tank	2x 1 000 litres
Total weight	95.35 t
Maximum axle load	15.5 t
Length over buffers	51 750 mm
Coach width	2 852 mm
Brake type	load-dependent pneumatic disc brake with electromagnetic track brake (KE-R-A-Mg)
Batteries	separate on-board electrical system batteries and starter batteries (all 24V)
Coupler	Scharfenberg automatic centre coupler