



## CLASS 450

### DATA

<b>Year</b>	2003	<b>Seats/unit</b>	
<b>Track gauge</b>	1435mm	1st class	24
<b>Number of cars</b>	4	2nd class	240
<b>Configuration</b>	DMOS2 + TOCL + TOSLWB + DMOS2	<b>Tare weight</b>	175.71 t
<b>Length</b>		<b>Line voltage</b>	750 V DC
Overall	81600 mm	<b>Maximum power</b>	1500 kW
Car with coupler	19.6 m	<b>Starting tractive effort</b>	200 kN
Car without coupler	19.7 m	<b>Max. acceleration</b>	10 % g
		<b>Max. speed</b>	160 km/h

### PASSENGER EQUIPMENT

- Doors are at 1/3 and 2/3 positions along the bodyside.
- Overhead luggage racks
- Fully compliant with the RVAR (Rail Vehicle Accessibility Regulations) 2000.
- Wheelchair access
- Each train has 2 toilets – one being accessible for passengers in wheelchairs. (Compliant with RVAR.)
- Air conditioned saloon and cab
- Security closed circuit television (CCTV) in the saloon
- Audio Visual Passenger Information System (PIS) within each vehicle.
- Emergency exit handles internally and externally at each doorway, along with passenger alarms.
- 2 bicycles can be stored in a multi-purpose area.
- A TMO (Train Managers Office) is available on each 4/5-car unit.

### NETWORK

- Leased to South West Trains for operation over their 750V DC Third Rail Network.

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# SIEMENS

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