

## Comparison of new metro train fleets in Brisbane, Melbourne and Sydney

CITY	BRISBANE	MELBOURNE	SYDNEY
<b>MANUFACTURE</b>			
Train name	<b>New Generation Rollingstock (NGR)</b>	<b>High Capacity Metro Trains (HCMT)</b>	<b>Alstom Metropolis</b>
Status	Being delivered	Preferred tenderer identified	On order
Manufacturer	Bombardier	Evolution Rail Consortium (Downer EDI Ltd, CRRC, Plenary)	Alstom
Country of manufacture	India (ltd Aust. Content)	Australia 60%, China 40%	India (ltd Aust. Content)
<b>SPECIFICATIONS</b>			
Carriage type	Single deck	Single deck	Single deck, driverless
Number trains/cars	75 / 450	65 / 455	22 / 132 (stage 1 only)
Train length	147m	160m	120-140m (estimate)
Number of cars per train	6	7 (initially)	6
Number of seats per train	454	552 (est)	378
Total crush capacity	964	1,100-1,380 (est)	1,100
Percentage seated	47%	40-50% (est)	34%
Seats per car (average)	76	79 (est)	63
Capacity per car (average)	161	157 (est)	183
Seating style	Mixed, mainly transverse	Mixed	100% Longitudinal
Doors per car (each side)	2	3	3
Places for the disabled	Yes – 12 per train	Yes – number unknown	Yes – number unknown
Toilets	Yes - 1	No	No
<b>DEPLOYMENT</b>			
Lines	All lines	Cranbourne/ Pakenham-Sunbury via Metro Rail Tunnel when complete	Sydney Metro Stage 1 Cudgegong Rd-Chatswood when complete + Stage 2 Chatswood-Bankstown via CBD when constructed
Longest possible trip to CBD (distance - based on line assumptions)	Varsity Lakes – CBD (89km - current distance)	Pakenham – CBD (57km - current distance)	Cudgegong Road – CBD (47km - when both stages complete)
Longest trip to CBD (am peak fastest - based on line assumptions)	81 minutes (current timetable)	79 minutes (current timetable)	51 minutes (estimated - when both stages complete)
Estimated peak hour frequency (average each way, at opening)	Not known	17 (at CBD stations - 15 from west / 19 from east)	15 (stage 1)
Est. seat capacity peak hour (avg each way at opening)	Not known	9,384 (est)	5,670 (stage 1)
Est. crush capacity peak hour (avg each way at opening)	Not known	18,700 – 23,450 (est)	16,500 (stage 1)