

Romic Consulting Limited is proud to be able to offer:

15 x Standard Gauge 2-Car Diesel Multiple Unit for Sale



Unit shown is an example of units available and is offered subject to prior sale.

The Class 142 Pacer diesel multiple unit is well proven on the UK rail network, having been in service since 1985. The class has seen a number of improvements over its operational lifetime; vehicles were fitted with new Voith transmission by late 1991, and new Cummins engines between 1993 and 1996. Various of the class were refurbished between 1997 – 2003 and 2008 – 2017.

Lightweight, with an axle loading of 12.5 tonnes, the units are made with a steel underframe and aluminium alloy body and roof.

Each unit has a seating capacity of any number between 102 and 121 passengers per two-car set, some seats having been removed for additional wheelchair access on some vehicles. Vehicles are connected by a flexible diaphragm (within unit only), have a public address system, and one toilet per unit is provided.

Class 142 Pacers are interoperable with other Sprinters, Pacers and Turbostars.

Brief Specification

Type	2-Car DMU
Built	1985 - 1987
Maker	BREL
Wheel arrangement	(1A) (A1)
Specification	UK
Maximum Speed	75mph / 120km/h
Transmission	Diesel Hydraulic
Gauge	1,435mm
Car Length	15,550mm
Weight	49.5t
Seating Capacity	102-121 (per unit)

Please send expressions of interest to:

Robert Coleman: robert@romic.co.uk 07538 382 401 (+44 7538 382 401)

Simon Lowe: simon@romic.co.uk 07922 751 250 (+44 7922 751 250)

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Additional Photographs



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Technical Specification

Type	Regional Passenger DMU
Class	142
Operator	Various UK
Manufacturer	BREL
Fleet Size	96 x 2-car units
Build year	1985 -87
Construction	Steel underframe. Riveted steel body, steel outer roof and aluminium center roof.
Gauge	1,435 mm (4'8.5")
Length	15,550 mm (51'1/4")
Width	2,800 mm (9'2 1/4")
Height	3,860 mm (12'8")
Overall weight	24.5t (DMS) 25.0t (DMSL)
Transmission	Diesel Hydraulic - Voith T211r hydraulic and SCG RF420i final drive
Engines	Cummins LTA 10-R, 225 HP at 1950 RPM
Maximum speed	120 km/h (75 mph)
Couplers	BSI outer ends / bar couplers within unit
Brakes	Tread
Seating	Combination of 2+2 SCIX Richard & Shaw seating, 3+2 As built and 3+2 individual Chapman Urban 6 seating
Gangways	Flexible diaphragm, within unit only
Doors	Folding bi-parting, 3 per side per unit at ends and centre
Other features	Public address
Route availability	1
Interoperability	Other Sprinters, Pacers and Turbostars
Formation	Operate as 2-car units (DMS-DMSL) with toilet in one vehicle
Seating capacity	102 – 121 per unit

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