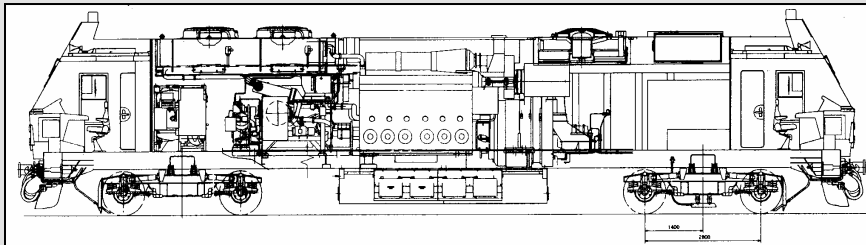


Diesel-Electric Locomotives

JT42 BW

Customer: IR (Israel)
 Contract Date: 1996-2006
 Number of units: 10+10+5+11+6+6



Basic Characteristics

Locomotive	
Axle arrangement	Bo' Bo'
Gauge	1.435 mm
Locomotive Weight	90 Tn
Maximum speed	140 km/h
Nominal power	UIC 3000 HP
Brake system	Electropneumatic
Number of cabs	2
Max.tractive effort	244 kN
Cont. Tractive effort	158 kN at 44 km/h
Min. Curve negotiable	80 m
Fuel capacity	6000 l
Multi unit control	Yes
Diesel Engine	
Manufacturer	GM
Model	12N710G3B
UIC rated output	3200 HP
Number of cylinder	V 12 (45°)
Bore and stroke	230,19 mm x 279,4mm
Rated speed	900 rpm
Electrical Transmission	
Traction generator	AR10JBA
Auxiliary generator	Rated 25 kW
Traction Motor	D43 / FM
T. Motor connection	4P
Dynamic brake	700 Amp.