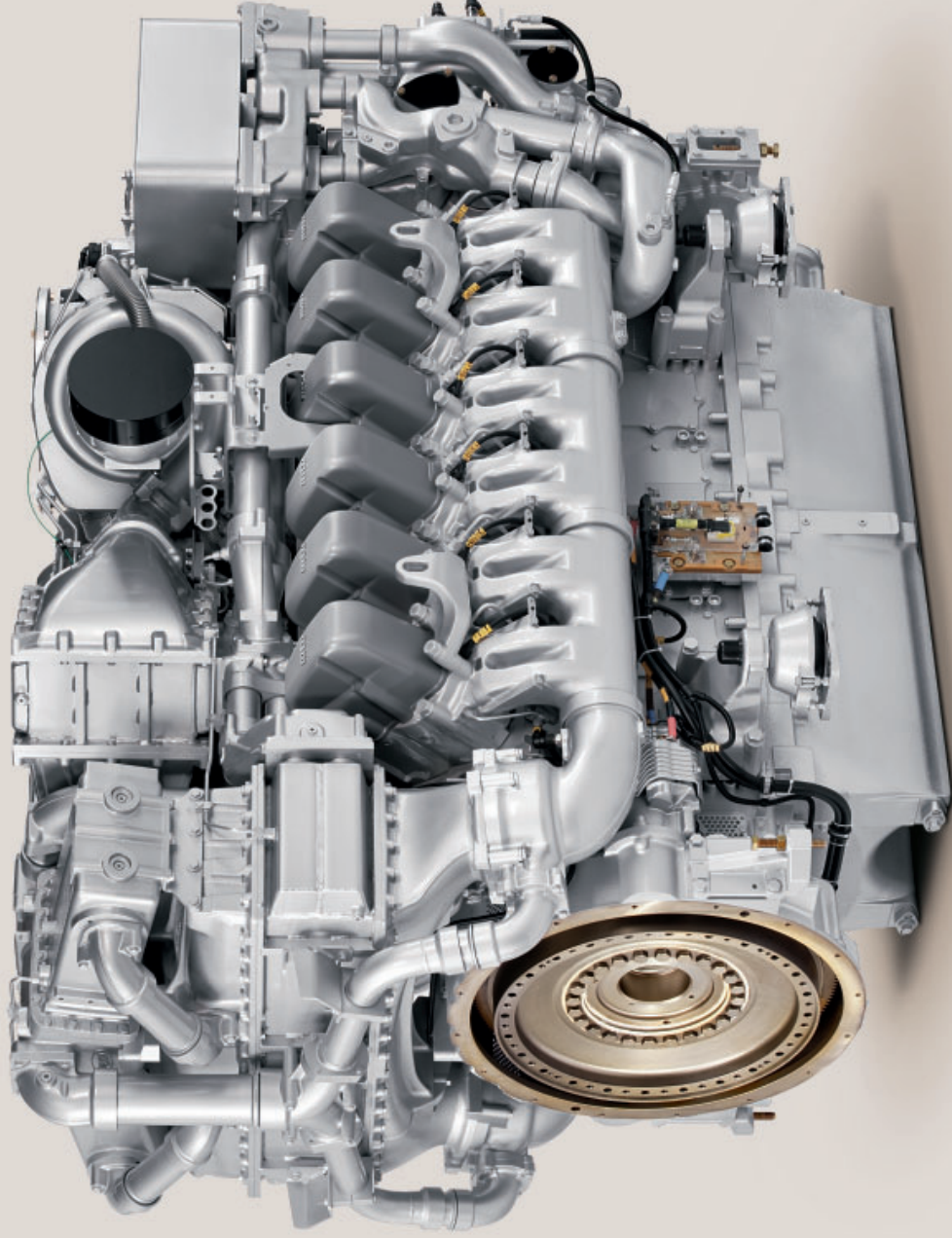


Engines for Push-Pull Trains, Shunting Multi-Purpose and Mainline Locomotives, Engine Room Installation,  
**Series 4000**



Series	4000
Engine model	4000 R41
Cylinders	8V 12V 16V
Power output	kW 850 - 1100 1380 - 1650 1700 - 2200
bhp	1140 - 1475 1851 - 2213 2280 - 2950
Speed	rpm 1500 - 1860
Emissions certification	UIC II

Series	4000
Engine model	4000 R4.3
Cylinders	8V 12V 16V 20V
Power output	kW 1000 - 1200 1500 - 1800 2000 - 2400 2700 - 3000
bhp	1341 - 1609 2012 - 2414 2682 - 3218 3621 - 4023
Speed	rpm 1800
Emissions certification	EU IIIA compliant / UIC IIIA

Series	4000
Engine model	4000 R53
Cylinders	20V
Power output	kW 3150
bhp	4224
Speed	rpm 1800
Emissions certification	EU IIIA compliant / UIC IIIA

Series	4000
Engine model	4000 R64
Cylinders	12V 16V 20V
Power output	kW 1500 2000 2200 1800 2400
bhp	2012 2682 2950 2414 3218
Speed	rpm 1800
Emissions certification	EU IIIB / UIC IIIA

Series 4000-04 engines portfolio meeting EU IIIB / UIC IIIA will be completed with 8V / 20V models.