

NEW



New 10 kW to 138 kW EU Stage 3B and EPA Tier 4 compliant compact and reliable engines



Common rail



Turbocharger

Applications

- Construction
- Agriculture
- Material handling
- Forestry and many more

Features

- Built to last
- Easy to maintain
- Highly compact engine design
- Ideal for a wide range of applications
- Wide output from around 10 kW to 138 kW

Specifications

- 3CJ, 4CJ, 4EG and 6FRC engine models
- EU Stage 3B and EPA Tier 4 compliant power unit solutions
- Equipped with high-performance proprietary turbochargers

technical information

	3CJ	4CJ	4EG	6FRC
Type	4-cycle, water-cooled diesel engine	4-cycle, water-cooled diesel engine	4-cycle, water-cooled diesel engine	4-cycle, water-cooled diesel engine
Aspiration	Turbocharged	Turbocharged	Turbocharged	Turbocharged
Number of cylinders	3	4	4	6
Bore and stroke mm	86 x 95	86 x 95	94 x 120	102x130
Displacement cc	1655	2207	3331	6400
Combustion system	Direct injection	Direct injection	Direct injection	Direct injection
Max. gross output (ISO 3046) kW/rpm	36 / 2500	44 / 2500	74 / 2000	138 / 2100
Fuel system	Common rail system	Common rail system	Common rail system	Common rail system
Charging alternator V - A	12 - 50	12 - 50	24 - 50	24 - 50
Starting system V - kW	12 - 2,0	12 - 2,0	24 - 3,2	24 - 6,5
Fuel	Diesel fuel EN 590	Diesel fuel EN 590	Diesel fuel EN 590	Diesel fuel EN 590
Dry weight kg	235	270	360	560
Flywheel	SAE # 4	SAE # 4	SAE # 3	SAE # 3
Flywheel Housing	SAE # 7,5	SAE # 7,5	SAE # 11,5	SAE # 11,5
After treatment	DOC / DPF	DOC / DPF	DOC / DPF / SCR	DOC / DPF / SCR
Emission compliance	EU stage 3B / EPA TIER 4	EU stage 3B / EPA TIER 4	EU stage 3B / EPA TIER 4	EU Stage 3B
Dimensions mm L x W x H	534 x 505 x 651	631 x 505 x 651	715 x 625 x 750	1131 x 746 x 1037

Release of compact diesel engines compliant with emission regulations

The new 3CJ, 4CJ, 4EG and 6FRC models provide regulation compliant solutions for the 19 kW to 138 kW output range, making the total lineup 10 kW to 138 kW.

All new engine models are equipped with high-performance turbochargers. **Mitsubishi Turbocharger and Engine Europe b.v.**'s turbochargers are manufactured at the same plant in which the engines are produced. This close proximity of design and production results in the ideal turbocharger match for each engine, maximizing overall performance.

The size of our engines had made us highly esteemed by customers for over 100 years. Minimizing the size of our engines makes it easier for you to install them in your applications. This

combined with a relentless focus on Japanese product quality and production management makes us a reliable partner for our OEM's.

Construction

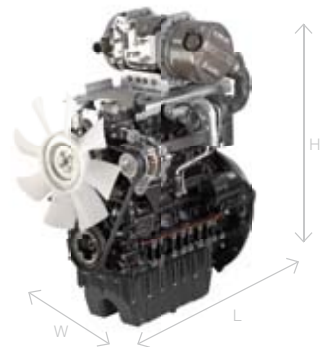
The Mitsubishi Lineup of Emission compliant engines covers the class of Hydraulic Excavators from 1.5t to 30t making us the only supplier able to do this.

Agriculture

The Mitsubishi Lineup of Emission compliant engines covers tractors with outputs from 10 kW to 75 kW.

Material Handling

For the important class of 2.5t Forklifts Mitsubishi offers new emission compliant engines.



CJ-series



EG-series



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