

Industrial

# Series 900

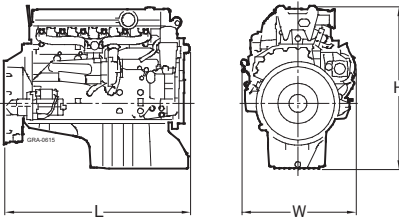
for Stationary Industrial Applications  
with EPA 2/EU II Certification



### Dimensions and Masses

Engine	Dimensions (LxWxH) mm (in)	Mass, dry kg (lbs)
904 S	830x645x925 (33x25x36)	395 (871)
906 S	1080x665x950 (42x26x37)	530 (1168)
926 S	1080x665x950 (42x26x37)	530 (1168)

All dimensions are approximate, for complete information refer to the installation drawing.



### Engine Model

Bore/stroke	mm (in)	904/906: 102/130 (4.0/5.1); 926: 106/136 (4.2/5.4)
Cylinder configuration		In-line
Displacement/cylinder	l (cu in)	904/906: 1.06 (65); 926: 1.20 (73)
Displacement, total	l (cu in)	904: 4.2 (256); 906: 6.4 (391); 926: 7.2 (439)
Fuel specification		EN 590, Grade No.1-D/2-D

Engine Type	Rated Power ICFN			Peak Torque			Optimization
	Model	kW	bhp	rpm	Nm	lb-ft	
<b>Application</b>	<b>Heavy/Medium duty operation (4A/4B)</b>						
<b>904 S</b>	75	101	2200	400	295	1200-1600	③ ⑤
	90	121	2200	470	345	1200-1600	③ ⑤
	100	134	2200	520	385	1200-1600	③ ⑤
	110	147	2200	580	430	1200-1600	③ ⑤
	130	174	2200	675	500	1200-1600	③ ⑤
<b>906 S</b>	150	201	2200	750	555	1200-1600	③ ⑤
	170	228	2200	810	595	1200-1600	③ ⑤
	180	241	2200	900	665	1200-1600	③ ⑤
	190	255	2200	1000	735	1200-1600	③ ⑤
	205	275	2200	1100	810	1200-1600	③ ⑤

Optimization

③ Exhaust emission EPA 40 CFR 89/Tier 2

⑤ Exhaust emission EU 97/68 EC/Tier II



Power. Passion. Partnership.

Engine Type	Rated Power ICFN			Peak Torque			Optimization
	Model	kW	bhp	rpm	Nm	lb-ft	
<b>Application</b>	<b>Heavy/Medium duty operation (4A/4B)</b>						
<b>926 S</b>	<b>220</b>	<b>295</b>	2200	1200	885	1200-1600	③ ⑤
	<b>240</b>	<b>322</b>	2300	1300	960	1200-1600	③ ⑤

Optimization      ③ Exhaust emission EPA 40 CFR 89/Tier 2      ⑤ Exhaust emission EU 97/68 EC/Tier II

Application	Power definition	
4A	Continuous operation w/100% load	Load factor: ≥ 60 %, Operating hours: unrestricted, Overload: Fuel stop (ICFN)
4B	Continuous operation w/variable load	Load factor: < 60 %, Operating hours: unrestricted, Overload: Fuel stop (ICFN)

Power output within 5% tolerance at standard conditions. Power definition according to ISO 3046 (ratings also correspond to SAE J 1995 and SAE J 1349 standard conditions) Consult your MTU distributor/dealer for the rating that will apply to your specific application.

Standard Equipment	
Starting System	Electrical starter 24 V, Alternator 28 V/80 A
Fuel Oil System	High pressure fuel injection with electronically controlled unit injection pumps, Fuel filter
Lube Oil System	Oil filter
Exhaust Gas System	Three valve cylinder head design
Coolant System	Turbocharging with charge-air cooling
Flywheel/Housing	SAE 2/SAE 1
Engine Mounting	Resilient
Electronics and Instrumentation	Industry leading electronic engine management

Optional Equipment	
on request	

Reference conditions:  
 > Intake-air temperature: 25°C (77°F)    > Ambient air pressure: 1000 mbar    > Altitude above sea level: 100 m (328 ft)  
 Subject to change without notice. Customization possible. Engines illustrated in this document may feature options not fitted as standard to standard engine.