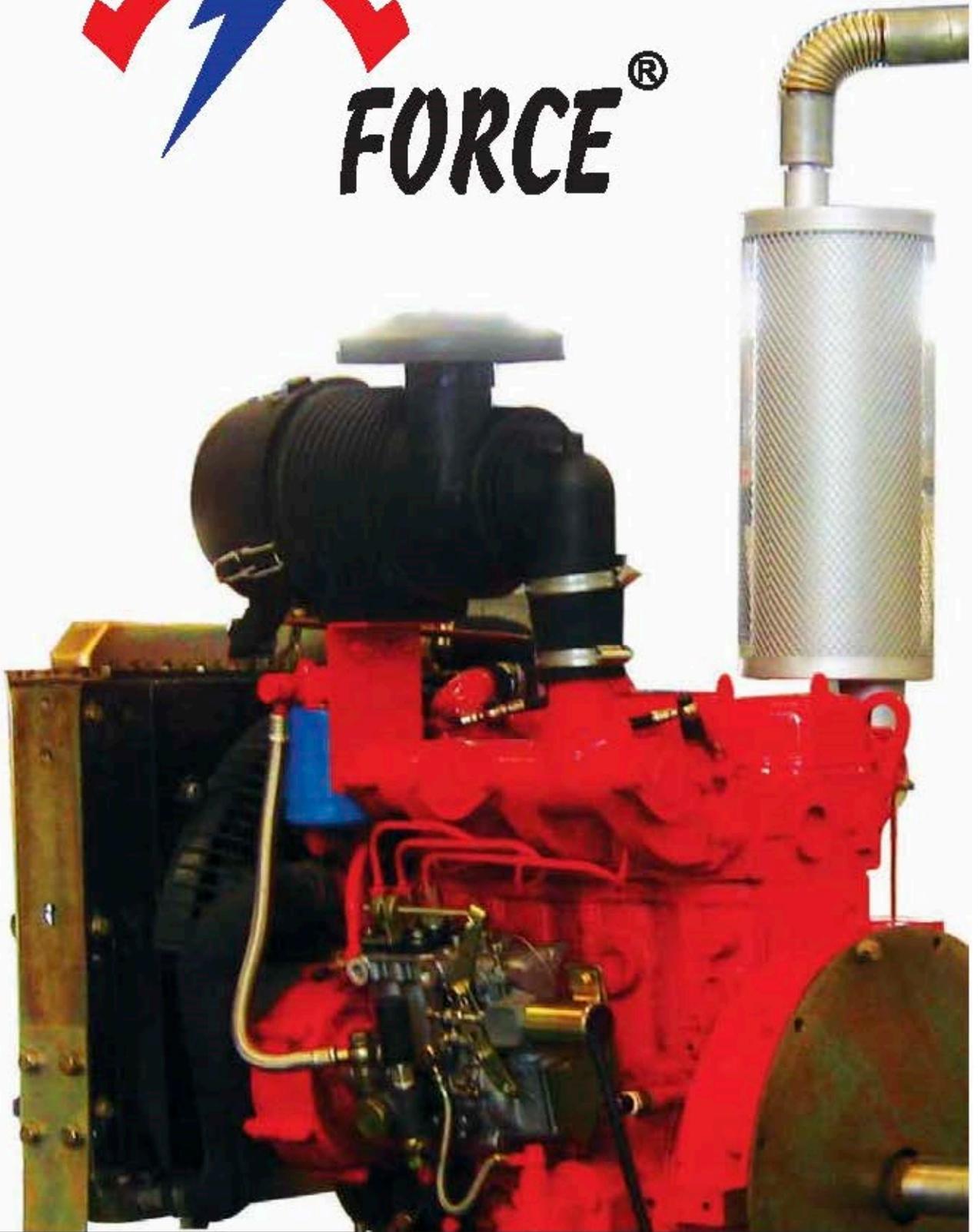


**MEGA**



**FORCE<sup>®</sup>**

**DIESEL ENGINES & EQUIPMENTS**



# GENERAL SPECIFICATIONS

## BASIC ENGINE COMPONENTS

Flywheel Housing S.A.E  
Flywheel  
Fire Resistant Fuel Pipes  
Rigid Mounts  
Fresh Water Circulating Pump  
Thermostat  
Fuel Pump Governor Rating 4.5% Rating  
Fuel Lift Pump  
Full Flow Fuel Filters  
Full Flow Lub. Oil Filters  
Exhaust Manifold - Dry Type  
Exhaust Manifold Adaptor  
Dry Type Air Cleaner  
Use and Maintenance Manual  
Belt Guards  
Flexible Engine Mounts  
Stop Lever

## COOLING SYSTEM

Radiator  
Heat Exchanger  
Air Cooled

## STARTING SYSTEM

Electric Starter Motor  
Starter Solenoids - Auto

## INSTRUMENTATION & PROTECTION SYSTEM

Instrument Panel  
Oil Pressure Gauge  
Water Temperature Gauge  
Starter Lock Out Module  
Engine Running Lamp  
Wiring Loom

## EXHAUST SYSTEM

Exhaust Silencer  
Flexible Exhaust Bellows  
Flexible Exhaust Pipe  
90° Bend

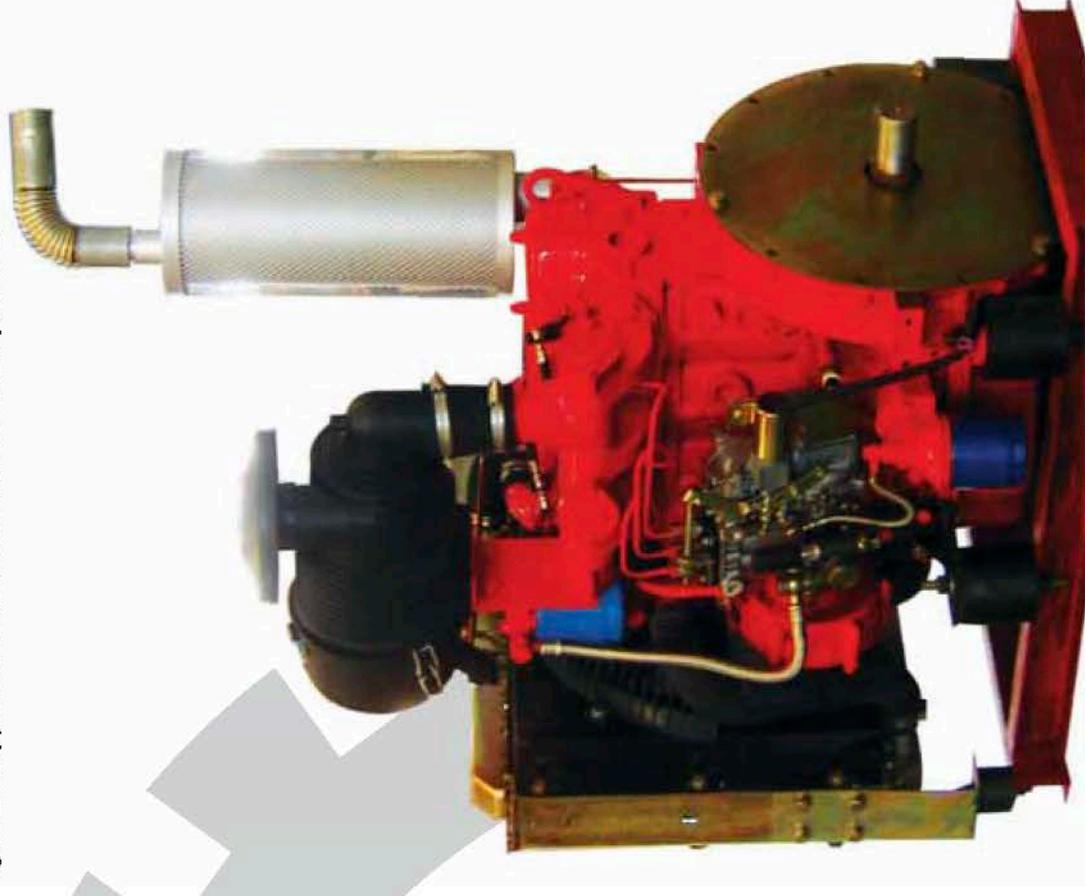
ECONOMICAL | RELIABLE  
EASY TO SERVICE | SYSTEM FUNCTIONAL

DURABLE | ENVIRONMENTALLY ACCEPTABLE  
FLEXIBLE

**MEGA FORCE Diesel Engines** are specially tailored to meet the customer's specification and optimum performance, thus guaranteeing the product best suited to the application.

Engine Fuel Systems calibrated to specific power and speed requirements, ensure **MEGA FORCE Diesel Engines** for maximum efficiency

**MEGA FORCE Diesel Engines** have long periods of idleness, coupled to routine testing at maximum speed and at times with no load, necessitates a power unit of exceptional qualities. The range offers from small cylinder engine giving an output of 19kW @ 2900rpm to a high powered configured engine of 400kw. All power units are manufactured to comply with strict control procedures (ISO 9001) and fully tested against the applicable standards in line with client requirements



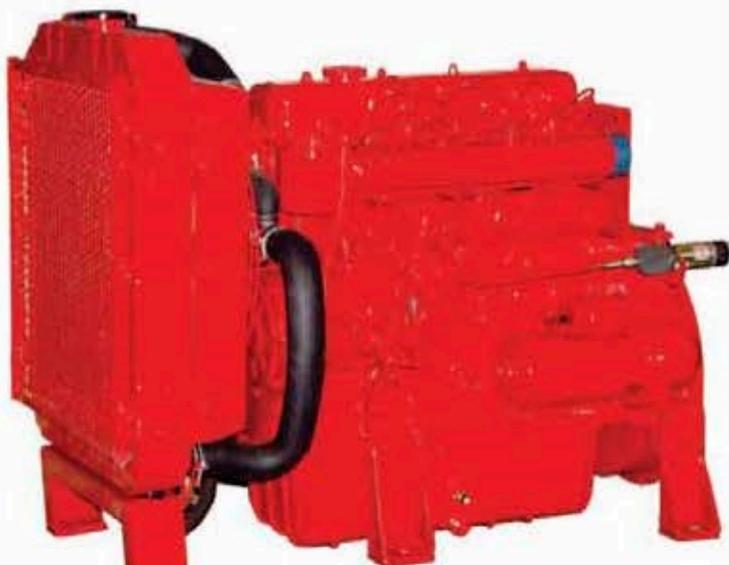
# TECHNICAL SPECIFICATIONS

Legend: NA - Naturally Aspirated

T: Turbo Charged

Diesel Engines of High Capacities is available as per Customer Requirements

MODEL	RATING [kW (HP)]	RPM	CONFIGURATION	BORE x STROKE (mm)	DIAMETER (mm)	LENGTH (mm)	WIDTH (mm)	HEIGHT (mm)
MFS 25	19 (25)	3000	3 Cylinder/4 Stroke/Inline	80 x 90	42	600	515	608
MFS 40	30 (40)	2900	4 Cylinder/4 Stroke/Inline	85 x 95	48	735	515	645
MFS 60	45 (60)	3000	4 Cylinder/4 Stroke/Inline	95 x 100	48	735	515	650
MFS 85	63 (85)	3000	4 Cylinder/4 Stroke/Inline	102 x 118	60	810	695	780
MFS 110	82 (110)	3000	4 Cylinder/4 Stroke/Inline	113 x 125	60	920	595	800
MFS 130	97 (130)	3000	6 Cylinder/4 Stroke/Inline	113 x 120	60	1280	700	985
MFS 150	112 (150)	3000	6 Cylinder/4 Stroke/Inline	115 x 125	60	1280	700	985
MFS 180	134 (180)	3000	6 Cylinder/4 Stroke/Inline	115 x 125	60	1280	700	995
MFS 220	164 (220)	3000	6 Cylinder/4 Stroke/Inline T	126 x 130	70	1520	950	1180
MFS 270	201 (270)	3000	6 Cylinder/4 Stroke/Inline T	126 x 130	70	1520	950	1180
MFS 300	224 (300)	3000	6 Cylinder/4 Stroke/Inline T	126 x 140	70	1520	950	1180
MFS 320	239 (320)	3000	6 Cylinder/4 Stroke/Inline T	126 x 140	70	1520	950	1180
MFS 350	261 (350)	2900	6 Cylinder/4 Stroke/Inline T	126 x 140	70	1520	950	1180
MFS 375	280 (375)	2900	6 Cylinder/4 Stroke/Inline T	126 x 155	70	1520	950	1200
MFS 425	317 (425)	2900	6 Cylinder/4 Stroke/Inline T	135 x 169	100	1497	904	1233
MFS 475	354 (475)	2900	6 Cylinder/4 Stroke/Inline T	135 x 169	100	1497	904	1233
MFS 536	400 (536)	2900	6 Cylinder/4 Stroke/Inline T	135 x 169	100	1497	904	1233



With a power range from 19 kW to 400 kW and running speeds desired to meet the requirements of approved pump ends,

**MEGA FORCE Diesel Engines** are the most comprehensive engines in the world.