

**WELCOME
TO**

TEDOM®

GAS ENGINES



**THE PRECISION OF EUROPEAN
CRAFTSMANSHIP & TECHNOLOGY**



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TEDOM®

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Whether you're the owner, operator or field hand, the bottom line is getting product into the pipeline. More uptime means more profits...and downtime is just not tolerated.

Oil patch tough! Oil patch ready! From one of Europe's premier manufacturers of heavy duty industrial natural gas engines and packagers of cogeneration equipment - we are pleased to introduce this powerful series. From the blistering sands of the Sahara to the frozen Siberian tundra, TEDOM engines have met the challenge in hundreds of installations. Whether bio-gas or natural gas, with more than 14 years field experience, the proven TEDOM performance of this range brings a new standard of rugged reliability to your operations.

Maybe it's time to start thinking about an engine company of a different breed...An engine company that is focused on your success...your uptime.

WELCOME TO TEDOM.

Confidence...The TEDOM 3-Step Warranty 1

- 1. STANDARD - 12 Months / Unlimited Hours
- 2. STANDARD Major Components
Crankshaft, Pistons, Connecting Rods, Camshaft...
- 3 Years / 15,000 Hours, Whichever Comes First.

Crankcase
- 6 Years / 30,000 Hours, Whichever Comes First.
- 3. OPTIONAL - Extended Warranty

Ratings based on ISO standard conditions according to DIN ISO 3046-1.

Technical data based on natural gas heating values of 35, 8 MJ/Nm3 and a methane No.>80.

General dimensions not to be used for installation. For details, see specific dimensional drawings.

Engine photos shown with optional equipment.

Features & specifications are subject to change without prior notice.

1 - See Distributor For Details

THE TEDOM® RANGE

STANDARD SPECIFICATIONS

- 6 Cylinder Inline, 4-Stroke, Double Cylinder Heads w/ Stellite Faced Exh. Valves
- Centrifugal Oil Filter Combined With Replaceable Full Flow Oil Filter
- Oil Cooler Integrated In Engine Block
- Water-Cooled Exhaust Manifold
- Water Pump, Thermostat & Housing, Pulleys and Belt Tensioner
- Closed Crankcase Breather With Oil Separator
- Deep Oil Sump
- SAE #1 Flywheel Housing, SAE 14 Flywheel, Standard Rotation
- Engine Support Mounting Brackets
- Operating RPM Range - 1000~1800 rpm
- Oil Change Cycle - 1000 Hours
- Fuel - Natural Gas
- Turbocharged Models With Water-Cooled Bearing Housing
- Bore x Stroke - 130mm x 150mm
- Displacement - 11.95 Liter
- Compression Ratio - 11:1

NATURAL GAS

Engine Type	Mechanical Output @ 1800 rpm kW / HP	Aspiration	Combustion Type	Dimensions mm (inches)			Dry Weight lbs.
				Length	Width	Height	
TG 86 GV NX 86	96 / 129	Natural	Lean Burn	1491 (58.7)	715 (28.1)	1186 (46.7)	2002
TG 105 GV TX 86	123 / 165	Turbo	Lean Burn	1400 (55.1)	872 (34.3)	1186 (46.7)	2057
TG 124 GV NX 86	139 / 186	Natural	Stoichiometric	1491 (58.7)	715 (28.1)	1186 (46.7)	2002
TG 158 GV TW 86	181 / 243	Turbo-I/C	Lean Burn	1529 (60.2)	1010 (39.8)	1185 (46.6)	2176
TG 168 GV TW 86	192 / 258	Turbo-I/C	Lean Burn	1529 (60.2)	1010 (39.8)	1185 (46.6)	2176

OPTIONAL EQUIPMENT

- CSA Approved MotorTech Ignition System, Complete w/ Wiring Harness, Controller and Installation Hardware.
- Class I, Group D, Div 2 Electronic Governor.
- Unshielded Ignition System Available
- Ingersoll-Rand Air/Gas Starter Available
- VariFuel Digital Controlled Mixer Body by MotorTech
- MotorTech Oil Lever Controller w/ Sight Glass
- 24V Electric Starter Motor
- Belt Driven 24V Battery Charging Alternator



2 - Other Fuel Mixer Options TBD