

4x 3.915MW Wärtsilä W9L34SG

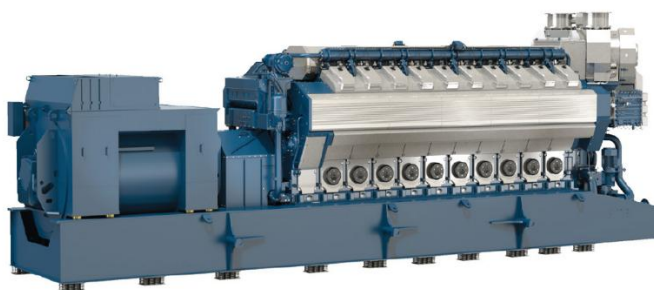
Natural Gas Generator Package

Total Plant Capacity: 15.66 MW

✓ ZERO OPERATING HOURS • ✓ NEW SURPLUS WITH ANCILLARIES
Manufactured 2009 • Stored in Brazil

AVAILABLE: 2 MONTHS

New Surplus with Ancillaries



CONTACT

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Site visit's available

Package Overview

This complete power generation package includes four (4) Wärtsilä W9L34SG natural gas engines with generators, plus comprehensive auxiliary systems, spare parts, maintenance tools, and control systems. The engines were manufactured in 2009 and have zero (0) operating hours – they have never been run since arriving at the installation site.

Parameter	Value
Engine Model	Wärtsilä W9L34SG
Quantity	4 units
Power Output (each)	3,915 kW (5,249 hp)
Total Capacity	15,660 kW (15.66 MW)
Fuel Type	Natural Gas (Spark Ignited)
Rated Speed	720 rpm
Running Hours	0 hours (unused)

Year of Manufacture	2009 (May & September)
Configuration	9-cylinder, In-line
Rotation Direction	Counter-clockwise (CCW)
Sale Price	Contact
Price per kW	\$939/kW
Availability	2 Months

Individual Engine Details

Engine #1

Engine Serial Number	PAAE135261
Engine Type	W9L34SG
Spec. No.	174121
Power Rating	3,915 kW
Speed	720 rpm
Manufactured	May 2009 (5/2009)
Running Hours	0

Engine #2

Engine Serial Number	PAAE135262
Engine Type	W9L34SG
Spec. No.	174121
Power Rating	3,915 kW
Speed	720 rpm
Manufactured	May 2009 (5/2009)
Running Hours	0

Engine #3

Engine Serial Number	PAAE135263
Engine Type	W9L34SG
Spec. No.	174121
Power Rating	3,915 kW
Speed	720 rpm

Manufactured	September 2009 (9/2009)
Running Hours	0

Engine #4

Engine Serial Number	PAAE135264
Engine Type	W9L34SG
Spec. No.	174121
Power Rating	3,915 kW
Speed	720 rpm
Manufactured	September 2009 (9/2009)
Running Hours	0

Equipment Included

This comprehensive package includes all equipment necessary for a complete power plant installation:

Main Equipment

- 4x Wärtsilä W9L34SG gas engines with generators (gensets)
- 4x NA307 Turbochargers (with spare parts)
- 11x Complete cylinder heads (service/spare)
- 2x Charge air coolers (2-stage)
- 2x Cylinder liners (spare)

Auxiliary Systems

- 4x Oil mist separator modules (Alfa Laval CC200 ALVENT)
- 4x Expansion vessels (300L each)
- 1x Lube oil transfer pump unit (mobile, 5.8 m³/h)
- 2x Exhaust gas ventilation units
- 2x Air filter systems (ASC III) with Panel Pak filters
- 3x Gas regulating units
- 1x Compressed air unit (Wärtsilä WD18B43CE, 440V/60Hz)
- 1x Starting air bottle (3m³)
- 1x Starting air unit (2x HL2/160)

Cooling System (Radiators)

- 3x Complete 1-circuit radiator assemblies
- Includes diagonal members, feet, brackets, and all mounting hardware
- Complete handrails and ladders for radiator access

Exhaust System

- 2x Exhaust gas silencers (NS 800/35dB(A))
- 2x Charge air silencers (NS 600/35dB(A))

- 14x Rupture discs (DN800 PN6) with flanges and bolts
- 4x DN400 Exhaust gas bellows
- 4x DN400 Compensators

Electrical & Control Systems

- LV switchgear (BFA 901) - complete panels
- 4x Frequency converters
- DC power systems (24VDC and 110VDC) with rectifier modules
- 25x PowerSafe 12V92F lead acid batteries
- Control panels (CFA901, CFC011-041)
- 2x Engine auxiliary units (MOD 011, MOD 021) in 20' containers
- WOIS workstations (Dell OptiPlex390) with monitors
- UPS system (Eaton 9130i1500T-XL)
- Networking equipment (Simatic NET optical cables, Ethernet)

Platforms & Structural Components

- Complete engine platform frames and legs
- Spring packages (vibration isolation)
- Grating sections (various sizes)
- Handrails with kickplates (multiple configurations)
- Stairs and stair platforms
- 1x Lifting device for W6L32 EG-Set

Maintenance Tools & Spare Parts

Engine Maintenance Tools (Complete Set)

The package includes comprehensive Wärtsilä maintenance tooling:

- Hydraulic cylinders and tools (M27, M42, M56)
- Lifting tools for cylinder heads, pistons, cylinder liners
- Mounting/dismounting tools for connecting rods, camshaft bearings
- Hooning equipment for cylinder liners
- Torque wrenches (20-100Nm, 730/4)
- Valve tools (presser, grinding, clearance gauges)
- Deflection indicator
- Complete hand tool cabinet
- Tools for NA307 turbocharger

Spare Parts Inventory

- 18x Exhaust valves (40 degree, Stellite)
- 18x Inlet valves (20 degree)
- Lubricating oil pump (CWR engine)
- 2x Water pumps (CWR engine)
- Connecting rod components (upper/lower parts, bearings)
- Pistons with ring sets
- Guide blocks and gudgeon pins
- Extensive gasket and seal inventory
- Spark plugs for pre-chamber (68 units)
- Electronic units (ESM-20, PDM-20, IOM-10, WDC-10, MCM-11)

- Sensors (speed, temperature, pressure, knock)
- Gas admission valves (SOGAV105)
- Ignition coils with flying leads
- Flexible hoses and rubber compensators

Commissioning Spare Parts

- Sealing sets for cylinder head overhaul
- Multiduct gaskets and screws
- Pre-chamber modification parts
- Lubricant for spark plug installation

Condition & Documentation

Based on the 2019 Wärtsilä inspection report, the equipment is in excellent preservation condition:

- Engines have zero running hours
- Internal components protected with Tectyl 502C preservation coating
- Silica gel desiccants installed internally and externally
- Engines mounted on original spring isolation systems
- Equipment stored in protective wooden cases and containers

Available Documentation

- Complete packing lists for all packages
- Wärtsilä Service Work Report (inspection from November 2019)
- Single-line electrical diagrams
- General arrangement / layout drawings
- Equipment manuals and specifications

*For detailed specifications, additional photos, and pricing inquiries, please contact us.
Site visits can be arranged for qualified buyers.*