

MARINE HIGH / MEDIUM SPEED 4-STROKE ENGINE SERVICES AND SUPPORT

MSHS Pacific Power Group (PPG) understands how important efficient vessel operation time is. MSHS PPG's maintenance and repair services for marine High and Medium Speed 4-Stroke engines allow vessels to operate at peak performance. MSHS PPG's service teams are trusted partners for global operators who rely on technical expertise and state-of-the-art technology to keep their businesses moving forward. Discover how MSHS PPG can be the right MRO partner for you.

OEM ENGINE BRANDS WE SERVICE

- Bergen Engines*
- CAT
- Cummins
- Daihatsu*
- Detroit Diesel
- Deutz/MWM
- Doosan/MAN
- FPT*
- Fairbanks Morse
- GE
- *Authorized
- GMT
- Hyundai HiMSEN
- MaK
- MAN/STX
- mtu
- S.E.M.T. Pielstick
- Stork Werkspoor
- Volvo Penta
- Wartsila
- Yanmar

MACHINING SERVICES

- Broken Stud Removal
- Flange Facing
- Line Boring
- Liner Honing
- Ridge Wear Removal

SALES, MAINTENANCE & REPAIR SERVICES

- Charge air coolers
- Component exchange and swing sets
- Component overhaul and repair (piston/liners, conrods, safety valves)
- Coupling alignment
- Crankshaft deflection measurements and assessments
- Cylinder head and liner measurement and reconditioning
- Electric motor/generator repairs
- Field service
- Filtration/separation and fluid management
- Fuel injection
- Fuel measuring and monitoring
- Gearboxes
- Major engine overhauls
- Oil system flushing
- Performance assessments
- Rental of engine service specialty tools
- Replacement, block exchange, and crankshaft exchange
- Retrofits
- Rubber and steel expansion joints
- Turbochargers: KBB, Napier, Hedemora, MET, Mitsui, ABB/ Accelleron, MAN, PBS, and CAT.

STANDARD SERVICES

- Component rebuild and Polyflake application
- Corrective, preventive, and predictive maintenance
- Emergency vessel down mobilizations
- Testing, troubleshooting and fault finding
- Operating data analysis & report
- Installation & Commissioning
- Borescope inspection
- Technical advisory
- Specialty repairs
- 24/7 support



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SPECIALTY SERVICES

- Field service calls 24/7/365 and in-field service
- Engine surveys: sea trials, load profile, error log files
- Engine maintenance and sub-assemblies built in-house
- Dyno testing: up to 4500 BHP and up to 1000 GPM for raw water-cooled engines
- Engine electronics vessel controls: install, troubleshoot, adjust, commission, and training
- Marine hybrid solutions
- Marine reduction gears
- Major engine overhauls
- Application engineering
- Marine coupling & shafting solutions
- Emergency parts & service 24/7

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MSHS PPG IS THE OEM AUTHORIZED DISTRIBUTOR AND DEALER FOR:



MSHS PPG Technicians are trained and experienced in all leading engine brands



From Land to Water to National Security, we specialize in designing, selling, and servicing power and propulsion systems **MSHS Pacific Power Group (PPG)** is here to keep your business and the world moving forward.

