

ENGINE SERVICES

ENGINE SERVICES

OVERHAULS | RECONDITIONING | PRODUCTS | PARTS



MOTOR-SERVICES HUGO STAMP, INC.

Authorized Distributor and Service Center

www.mshs.com



ENGINE SERVICES

With more than 30 years of experience, **MSHS** is a recognized service partner for the Maritime, Offshore, and Power Generating industries. **MSHS** operates under ISO 9001 certification and services marine diesel engines used on commercial, pleasure craft, and government vessels. **MSHS** is a trusted service partner for stationary power equipment at diesel powered facilities worldwide. From full-service locations in South Florida, the Gulf Coast, and the Bahamas, as well as a network of local representatives throughout the Americas and the Caribbean, **MSHS** will service your equipment needs.

PROJECT MANAGEMENT

MSHS offers a diverse range of services unmatched in our industry. As an authorized distributor and service center for many of the world's major diesel engine, turbocharger, and propulsion system manufacturers, we provide comprehensive turnkey project management, including:

- Retrofits & upgrades of existing equipment
- Crankshaft removal / replacement
- Top & bottom standard overhauls
- Deck machinery & steering gear services
- Short turnaround times for emergency service
- Customized & emergency repair solutions

WORKSHOP SERVICES

The **MSHS** workshop facility takes pride in providing high-quality workmanship and dedication to 24/7 customer service. The machine shop is equipped with the latest in advanced machining, grinding, and calibration equipment.

Our team includes highly-skilled horizontal boring mill operators and state-of-the-art computerized equipment that accurately and efficiently machines cylinder heads, cylinder liners, pistons, and connecting rods.



COMPREHENSIVE ENGINE RECONDITIONING & REPAIRS

MSHS can manage your welding, fabricating, machining, and assembly needs. **MSHS** services include bearing babbitting, Azipod bearing housing modifications, stationary honing of liners and grinding of entablatures, polishing of cranks shaft, journals, engine block machining, and precision horizontal boring and milling.

- Lube oil & water pumps
- Vibration dampers
- Air starters
- Piston crowns & connecting rod heads assembly
- Charge air cooler & heat exchangers
- Deck machinery & hydraulic equipment
- Refurbishment of certain engine components to original dimensions & restoring of surfaces
- Fuel Pumps, Pipes, Injectors
- Rocker arm assembly
- Cylinder head assembly
 - ▶ Exhaust / intake valve & safety valve
 - ▶ Air starting & indicator valve
 - ▶ Exhaust/Intake valve cage

FIELD SERVICES

- Repair, recondition, overhaul engine components
- Alignment & chock fastening
- Vibration analysis, engine dock & sea trials
- Filtration & separation service & retrofits
- Oil mist detector service & retrofit
- Borescope & video inspection
- Diagnostic & troubleshooting

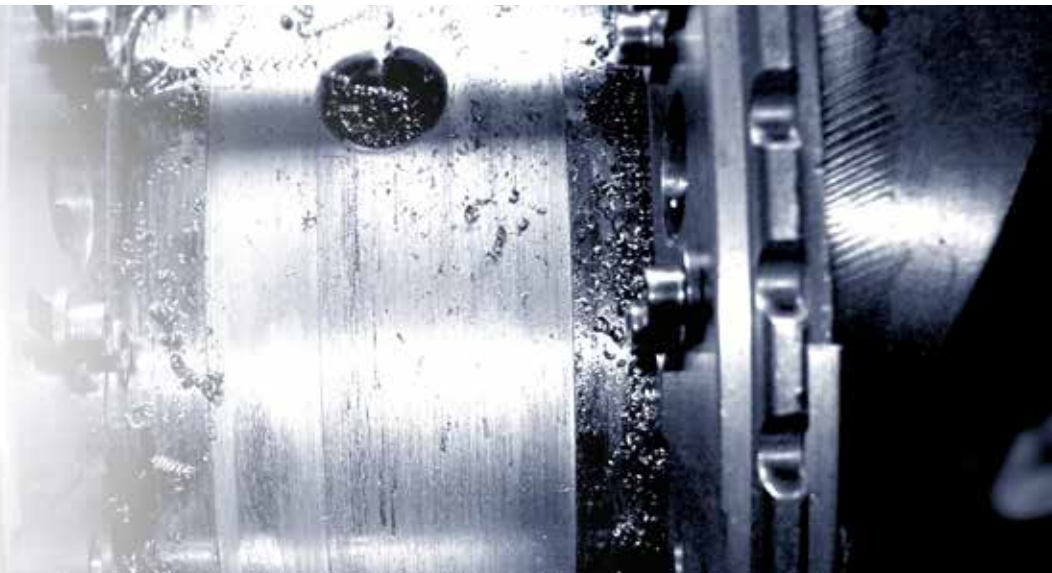
ON SITE MACHINING SERVICES

Onsite/In-Situ Machining repair services by **MSHS Metallock Engineering USASM** eliminate costs and saves time. Disassembly, removal and transport of damaged parts is not necessary. Maintenance and mechanical machining is performed on site by experienced personnel to minimize asset downtime thus reducing costs significantly.

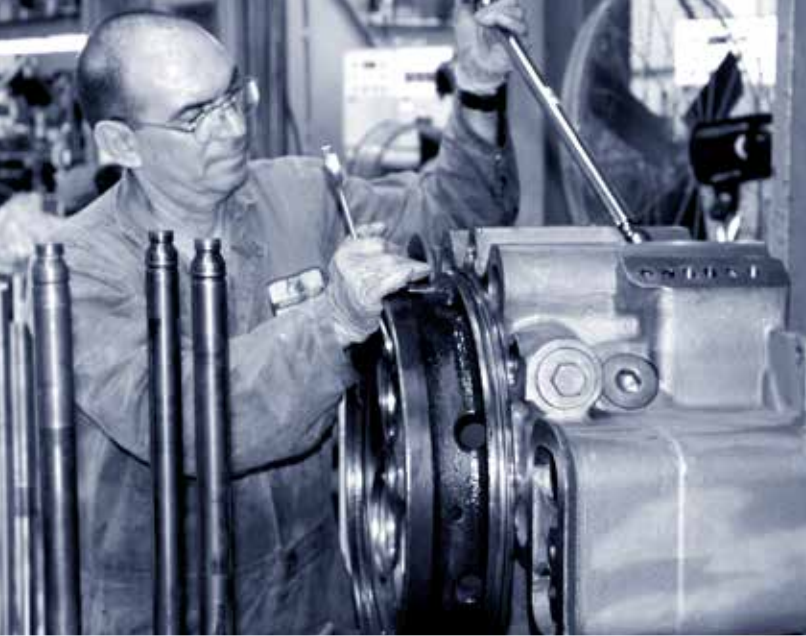
Servicing 2- and 4-stroke engine crankshaft journal repairs for diameters from 170 to 1010 mm with our customized advanced tooling for:

- Any make & type of diesel engine
- 24/7 emergency repairs
- Marine & stationary power

- **LINE BORING**
- **BORING**
- **FLANGE FACING**
- **MILLING**
- **DRILLING**
- **INSERTS**



YOUR TRUSTED SERVICE PARTNER



EXCHANGE PROGRAM

As a cost-effective alternative, **MSSH** inventories reconditioned exchange components. Purchasing reconditioned components may speed up overall turnaround time while saving you money.

- Cylinder heads
- Connecting rod heads
- Exhaust valve assemblies
- Exhaust valve cage
- Piston crowns
- Liners
- Fire land rings
- Water & oil pumps



SPARE PARTS

MSSH services are supported by an extensive inventory of spares for crankshafts, cylinder liners, connecting rods, nozzle components, injection pump components. A close relationship with our OEM supply chain allows us to offer competitive pricing and minimal turnaround times.

MSSH provides turnkey solutions for the maritime and stationary power industries. Through innovative products and services, **MSSH** specializes in the testing, maintenance, repair and overhaul of diesel engines, turbochargers, waterjets, filtration, separation systems, safety, control, and automation systems.

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