

HIGH PERFORMANCE MARINE REDUCTION GEARBOXES



Power
Transmission
Systems
Division

the CATERSHIP GROUP COMPANY



INNOVATION

The Cincinnati-based Turbine's leadership team has developed a gas turbine technology expertise to provide our customers with the most innovative gas turbine designs for a wide variety of high performance marine propulsion applications.

The marine industry has recognized the proven reliability of gas turbines with the space and weight savings they offer.

Cincinnati-based has pioneered the development of standard high performance marine gas turbine systems, specifically for gas turbines.

ONE specialist in marine turbocharged diesel gas turbine systems and auxiliary shaft power for operations in the propulsion systems for over twenty years, ONE has designed, manufactured and installed these systems for these applications, including diesel high performance marine gas turbine systems and integrated systems.

These systems are built to meet high performance, high reliability, low noise gas turbine designs for demanding gas turbine systems, torque outputs and requirements.

Cincinnati-based provides the solutions.

EXPERIENCE . . .

PROVEN LEADERSHIP High power density pointing to the new standard for innovative propulsion industry and Commercial Users is leading the way. Through innovation and OEM's performance and proven powertrain marine propulsion engineering.

A **PROVEN** non-invasive gas measurement system (VDO) gas engine is a solution for the marine design yard.



The **VDO** gas engine, built from advanced, reliable, proven components (VDO) gas engine, is the most proven solution for the marine design yard. These are the most advanced, reliable, proven components gas engine in the world.



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Marine Propulsion Experience

Application	Power Range	Power Density	Power (kW)	Output (HP)	Efficiency (%)
Commercial	100-1000	100-1000	1000	100	95-98
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*This is an approximate value of power density (kW/m³).

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Series...MDD



Diesel powered marine propulsion reduction gearboxes from 8,000 to 40,000 horsepower for cargo vessels, tankers, ferries and military sealift ships

The MDD Series was developed based upon Cincinnati Gear's extensive experience with diesel and gas turbine marine gearing.

Combining state-of-the-art technology, performance based internal and modular assembly, MDD gearboxes provide maximum efficiency and reliability in versatile, highly versatile designs.

The MDD series has been developed to meet the demanding requirements of today's market for quality, performance, reliability and system support.

Cincinnati Gear is committed to meeting all of your needs for diesel marine applications.



Standard Diesel (horsepower)

1 to 20,000 hp

Model	A inches	B inches	C inches	D inches	E inches	F inches	Weight lb/kg
MDD-80	361.000	34.750	871.000	361.000	361.000	75.000	75,000/34,019
MDD-100	381.000	35.000	871.000	381.000	361.000	85.000	85,000/38,541
MDD-125	381.000	35.000	871.000	381.000	361.000	95.000	95,000/43,063
MDD-150	381.000	35.000	871.000	381.000	361.000	105.000	105,000/47,619
MDD-175	381.000	35.000	871.000	381.000	361.000	115.000	115,000/52,175
MDD-200	381.000	35.000	871.000	381.000	361.000	125.000	125,000/56,731
MDD-225	381.000	35.000	871.000	381.000	361.000	135.000	135,000/61,287
MDD-250	381.000	35.000	871.000	381.000	361.000	145.000	145,000/65,843
MDD-275	381.000	35.000	871.000	381.000	361.000	155.000	155,000/70,399
MDD-300	381.000	35.000	871.000	381.000	361.000	165.000	165,000/74,955
MDD-325	381.000	35.000	871.000	381.000	361.000	175.000	175,000/79,511
MDD-350	381.000	35.000	871.000	381.000	361.000	185.000	185,000/84,067
MDD-375	381.000	35.000	871.000	381.000	361.000	195.000	195,000/88,623

The Cincinnati Gear Company

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The
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CRANES

Proven Performance. Superior Service.



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