



Application and Usage	Military, Harbor Patrol 1,000 hours annually
Engine	2X Cummins QSB
Power	2X 355 hp @ 2,800 RPM
Transmission	2X ZF280-1
Ideal Stern Drive	2X Konrad 620
Performance	32 kts (37 mph)
LOA and Weight	15 m (49 ft) 9.5 metric tons (20,944 lbs)



Application and Usage	Military 200 hours annually
Engine	2X Yanmar
Power	2X hp @ RPM
Transmission	2X <b>CLASSIFIED</b>
Ideal Stern Drive	2X Konrad 660
Performance	kts ( mph)
LOA and Weight	m ( ft) metric tons ( lbs)



Application and Usage	Pilot Transport 1,500 hours annually
Engine	2X Cummins QSB
Power	2X 425 hp @ 3,000 RPM
Transmission	2X ZF280-1
Ideal Stern Drive	2X Konrad 680
Performance	34 kts (39 mph)
LOA and Weight	12.8 m (42 ft) 9.0 metric tons (19,841 lbs)



**More Power.  
Longer Life.**

**600B**

SERIES PRODUCT LINE



*Manufacturing with Innovation and Excellence for 25 Years*

1421 HANLEY ROAD, HUDSON, WISCONSIN 54016 U.S.A.  
715-386-4203

COMMERCIAL-GRADE PROPULSION SYSTEMS



# 600B SERIES

With the introduction of its Series 600 Stern Drive product line, Konrad Marine *once again* has set the standard for excellence in designing and manufacturing stern drive propulsion solutions.

Building upon a solid foundation of twenty years experience, and the unparalleled success of its predecessor, the Series 600 is engineered to meet the challenges and exceed the expectations of applications across the globe.

Konrad's unwavering commitment to quality has led to a very significant investment – the most modern bevel gear cutting machine in the world – a Gleason Phoenix® II 600HC. A digital free form machine, whose specialized programming makes it 1 of only 3 in the world with its unique capabilities.

Combining this state-of-the-art technology with decades of knowledge and experience, Konrad produces the largest, strongest gears possible for marine applications; up to 2 times stronger than other gears in the industry.

Konrad gears significantly reduce force on the bearings; optimally distribute the load; and provide extraordinary shock absorption; thus increasing the life of your components, and ultimately your entire drive system.

Every drive in the Series 600 is designed with Konrad's exclusive Harmonically Tuned Gear Train (HTGT) technology which reduces the harmonic frequency amplification and resonance of the entire gear train – from input shaft to propeller(s).

HTGT optimizes the balance of your drives, minimizes drive vibrations, and improves overall synchronization of internal components, providing a significantly smoother running system. This advanced technology is so unique that no other drive offers anything comparable.

Konrad's manufacturing standards have always surpassed the status quo, which is why the drives outwork and outlast anything in the water... and why Konrad stern drives have become known as:

*"Serious Sterndrive Solutions."*

## PACKAGES & OPTIONS

### INCLUDES

- 600B Series Assembly
- Integrated Steering
- Exclusive HTGT Technology
- Gimbal Assembly
- Compact Direct Mount Kit with Tailpiece Assembly
- OR
- Remote Mount Kit with 9" U-Joint Shaft, Carrier, and Transom Plate

- Alignment Tool
- Electric or Mechanical Shift Transmission
- Bellhousing Adapter
- Flywheel Coupling
- Trim Control and Trim Pump Assembly
- Isolator Mounts
- Water Pickup Kit
- Propeller(s)

### OPTIONS

- Joystick Control
- Extension Kits
- Standoff Box



## 620B

### DURABLE

Considered the workhorse of the fleet, the 620B is a dependable, robust drive. By combining Konrad's proven, single propeller technology with stronger shafts and gears, the 620 has set a new standard for stern drive durability.

Prop range 17.25 (43.8 cm) to 20 inch (51 cm).



## 660B

### FAST

For performance driven applications, such as extreme government patrol, the 660B is built to meet the demand for speed. With dual, counter rotating propellers, this drive is designed for 7 - 15 meter (23 - 50 foot) vessels with speeds up to 60 knots (70 mph).

Prop range 13.25 (33.7 cm) to 16 inch (40.6 cm).



## 680B

### STRONG

Engineered with the largest, strongest gears in the industry, the 680B gives you efficient carrying capacities up to 8.4 metric tons (over 18,500 lbs.) per drive. This model operates with extreme efficiency in the area of 40 knots (46 mph).

Prop range 15 (38 cm) to 18.5 inch (47 cm).



## DUTY CLASSIFICATIONS



### Recreational Performance

This classification includes private, non-commercial, non-charter, sport/leisure activity craft. Standard 1 year warranty; 500 hours or less.



### Military and Government Service

This classification includes light commercial charter/sport activity craft, patrol and crew boats. Standard 1 year warranty; 1,000 hours or less..



### Medium Duty Commercial Performance

This classification includes charter and commercial craft. Standard 1 year warranty; 1,500 hours or less.

## WARRANTY

Standard warranty is 1 year. Maximum allowable hours will be determined by duty classification as well as application specific factors such as: vessel type, weight, usage, speed, horsepower, torque, gross weight to horsepower ratio, time weighted average load, ratio of full power to cruise and idle, etc. Every application must be approved by the factory and each application will be assigned an appropriate Maintenance Schedule based upon usage characteristics. Extended warranties may be available for purchase.

## MATERIAL AND MANUFACTURING SPECIFICATIONS

Bearings	Tapered roller bearings, spaced for optimum load carrying capabilities support the shafts
Castings	Manufactured from high strength, heat treated aluminum
Gears	Six inch, high strength, heat treated alloy steel utilizing high performance marine technology
Shafts	Manufactured from high alloy, heat treated steel
U-Joints	Industry leading size for increased load carrying capacity and extended life

## INSTALLATION AND OPERATIONAL SPECIFICATIONS

Application	Commercial, Military, Recreational
Corrosion Protection	Multiple anodes, all castings chromated and layered with powder coatings
Engine Type	Diesel or Petrol/Gasoline
Gear Ratios	620B: 1.27:1, 1.45:1, 1.55:1, 1.78:1, 1.98:1 660B: 1.07:1, 1.23:1, 1.31:1, 1.43:1, 1.50:1, 1.67:1, 1.74:1, 1.94:1 680B: 1.24:1, 1.43:1, 1.52:1, 1.74:1, 1.94:1
Propeller Diameters	16 inch (41 cm) - or - 20 inch (51 cm) depending on drive model
Steering Range	50°
Trim/Lift System	-6° to 10° (trim) 10° to 40° (lift)
Shifting	Reversing transmission required
Water Pick Up	Separate

VISIT US ONLINE

[www.konradmarine.com](http://www.konradmarine.com)

CALL US 715-386-4203  
or contact your local Dealer