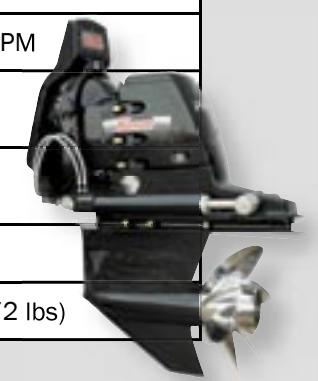




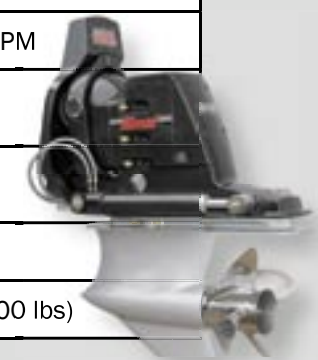
Vessel Type and LOA	SeaArk Dauntless 34 10.4 m (34 ft)
Engine	2X Cummins 6BTA 5.9L-M3 (diesel)
Power	2X 380 hp @ 3,000 RPM
Transmission	2X Twin Disc MG5075 SC Ratio 0.8:1
Stern Drive	2X Konrad 520 Ratio 1.57:1
Performance	36 kts (41 mph)
Weight	8 metric tons (17,600 lbs)



Vessel Type and LOA	Cougartek 1500 Pursuit 14.6 m (48 ft)
Engine	3X Innovation (petrol)
Power	3X 550 hp @ 5,000 RPM
Transmission	3X Huber HM 1200 Ratio 1:1
Stern Drive	3X Konrad 540 Ratio 1.50:1
Performance	60 kts (69 mph)
Weight	7.8 metric tons (17,172 lbs)



Vessel Type and LOA	Cigarette Top Gun 11.6 m (38 ft)
Engine	2X Chevy 468 (petrol)
Power	2X 700 hp @ 5,600 RPM
Transmission	2X Huber HM 925 Ratio 1:1
Stern Drive	2X Konrad 540 HP Ratio 1.51:1
Performance	73 kts (84 mph)
Weight	5.4 metric tons (12,000 lbs)



Vessel Type and LOA	Wellcraft Excalibur 45 13.7 m (45 ft)
Engine	2X Cummins QSB 380 (diesel)
Power	2X 380 hp @ 3,000 RPM
Transmission	2X ZF280 Ratio 0.814:1
Stern Drive	2X Konrad 560 Ratio 1.67:1
Performance	39 kts (45 mph)
Weight	7.3 metric tons (16,000 lbs)



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*The "Working Drive"
Defined...*

500
SERIES PRODUCT LINE



COMMERCIAL-GRADE PROPULSION SYSTEMS

500 SERIES

The 500 Series is the flagship product line of Konrad Marine. In 1997, the Model 520 was released giving definition to the term "working drive". For nearly two decades, Konrad's 520 has set the standard for endurance, reliability, and performance for stern drives. The drive continues to exceed expectations in a wide array of commercial and military applications worldwide, including water taxis, crew boats, fishing vessels, charters, and patrol vessels.

As the Model 520's reputation for exceptional durability became well established, customers began requesting to use Konrad stern drives for additional applications. High quality, reliable drives were needed for military pursuit vessels, to replace obsolete or failing drives, and for applications such as high performance racing. Konrad met these requests by adding 6 new models to the product line throughout the next decade.

Konrad uses the largest u-joints in the industry. They are connected to one-piece hardened steel shafts. The drives are manufactured with precision machined super alloy gears - larger than the industry has ever seen. These features plus thick walled castings, oversized bearings, and one piece propeller shafts, all contribute to the strength and durability of Konrad stern drives.

Konrad's manufacturing standards have always surpassed the status quo, which is why the drives outwork and outlast anything on the water. No wonder Konrad stern drives have become known as:

"The Toughest Stern Drives in the World".

PACKAGES & OPTIONS

INCLUDES

- 500 Series Upper Housing
- LH or RH Lower Housing Assembly (520 & 540 only)
- Counter Rotating Lower Assembly (560 only)
- Gimbal Assembly
- Carrier Bearing or Tailpiece
- Anti-ventilation Plate
- Trim Pump Assembly

OPTIONS

- Propellers
- Steering Systems (Internal & External)
- HD Upper Assemblies
- Trim Control Systems
- Anti-ventilation Plate Extensions
- Compact Direct Coupled Rear Mount Assembly
- Transmissions
- Drive Shafts
- Lifting Brackets
- Vertical Drive Extensions
- Prop Guard (520 only)
- HP Nose Cone Lower (540 only)
- XFactor Lower (540 only)



DURABLE

Konrad's industry leading Model 520, is a strong and reliable stern drive. Introduced to a receptive market in 1997, the 520 continues to fill the need for a hardworking, dependable drive that continuously delivers even under the most demanding circumstances.



FAST

For applications demanding hard work and high speed, such as police rescue, military intercept or high performance racing, Konrad's Model 540 outperforms and outlasts the competition. Two models, Standard and High Performance, are available to meet even the most extreme requirements.



EFFICIENT

Konrad's 560 dual prop technology operates with exceptional efficiency and significantly reduces stress on the gears. Better fuel economy and less maintenance save you time and money. Built with two, one piece stainless steel prop shafts, bigger u-joints, bearings, and gears, the 560 is extremely durable, maximizing the life and value of your investment.



520

540

560

DUTY CLASSIFICATIONS



520/560 Recreational and 540 High Performance

This classification includes private, non-commercial, non-charter, sport/leisure craft. Standard Warranty. (No Warranty for Racing Applications)



Military and Light Commercial Performance

This classification includes light commercial charter/sport activity craft, patrol, intercept and crew boats. Standard Warranty.



Medium Duty Commercial Performance

This classification includes charter and commercial craft. These applications must be approved by the factory.

MAXIMUM OPERATION

Stern Drive	Torque Nm/lb. ft.	Hours/Year	Gross Weight/Horsepower
520 Recreation	1000 Nm 738 lb. ft.	250	15.2 kw/kg (25 lbs/hp)
540 Racing	N/A for Racing	100	12.2 kw/kg (20 lbs/hp)
540/560 Recreation	1000 Nm 738 lb. ft.	250	12.2 kw/kg (20 lbs/hp)

MAXIMUM OPERATION

Stern Drive	Torque Nm/lb. ft.	Hours/Year	Gross Weight/Horsepower
520	755 Nm 557 lb. ft.	1000	21.3 kw/kg (35 lbs/hp)
540	755 Nm 557 lb. ft.	500	12.2 kw/kg (20 lbs/hp)
560	755 Nm 557 lb. ft.	500	12.2 kw/kg (20 lbs/hp)

MAXIMUM OPERATION

Stern Drive	Torque Nm/lb. ft.	Hours/Year	Gross Weight/Horsepower
520	678 Nm 500 lb. ft.	2000	Factory Approval Req'd
540	Contact Factory	Contact Factory	Factory Approval Req'd
560	Contact Factory	Contact Factory	Factory Approval Req'd

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	Large, 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, and High Performance
Corrosion Protection	Multiple anodes and continuity cables All castings chromate conversion treated and powder coated
Engine Type	Diesel or Petrol/Gasoline
Gear Ratios	520: 1.43:1, 1.57:1, 1.79:1, 1.97:1 540: 1.21:1, 1.33:1, 1.51:1, 1.67:1 560: 1.21:1, 1.33:1, 1.40:1, 1.51:1, 1.67:1, 1.75:1, 1.94:1
Propeller Diameters	520: Up to 20 inches (51 cm) 540: Up to 16 inches (41 cm) 560: 16 inches (41 cm) forward and 15.25 inches (39 cm) aft
Steering Range	56° total range
Trim/Lift System	Trim -6° to 10° and Lift 10° to 46°
Shifting	Reversing transmission required
Water Pick Up	None

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