### Vessel Type and LOA
- **SeaArk Dauntless 34**: 10.4 m (34 ft)
- **Motomarine**: 12.5 m (41 ft)
- **Scully**: 11.6 m (38 ft)

### Engine
- 2x Yanmar 6LY (diesel)
- 2x Volvo 435 D6 (diesel)
- 2x Iveco FPT Power Train (diesel)

### Power
- 2x 370 hp @ 3,300 RPM
- 2x 435 hp @ 3,500 RPM
- 2x 330 hp @ 3,000 RPM

### Transmission
- 2x ZF280 Ratios: 1:1
- 2x BAM 1350 Ratios: 1:1
- 2x BAM 1350 Ratios: 1:1

### Ideal Stern Drive
- 2x Konrad 620 Ratios: 1.74:1
- 2x Konrad 660 Ratios: 1.23:1
- 2x Konrad 680 Ratios: 1.74:1

### Performance
- 36 kts (41 mph)
- 53 kts (61 mph)
- 28 kts (32 mph)

### Weight
- 9 metric tons (20,000 lbs)
- 6.8 metric tons (15,000 lbs)
- 14.5 metric tons (32,000 lbs)

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**When Strength, Performance, and Reliability are what you need...**

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**COMMERCIAL-GRADE PROPULSION SYSTEMS**

**600 SERIES PRODUCT LINE**

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**Celebrating 20 Years of Excellence 1991 - 2011**

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600 SERIES

With the introduction of its Series 600 Stern Drive product line, Konrad Marine has once again 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 challenge, and to exceed the expectations of applications across the globe.

Konrad’s unwavering commitment to quality has led to a very significant investment – the most modern bow gear cutting machine in the world. Since 1984 Phoenix® 600HC digital 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 for marine applications - up to 2 times stronger than other gears in the industry.

Konrad gears significantly reduce forces on the bearings, optimally distribute the load, and provide unparalleled shock absorption 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 amplitude and reduces the noise of the entire gear train – from input shaft to prop.

HTGT optimizes the balance of your drives, minimizes gear noise and 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 comparable performance. This advanced technology is so unique that no other drive offers comparable performance.

Konrad’s manufacturing standards have always surpassed the status quo, which is why the drive onboard and outboard anything in its class.

Konrad stern drives have become known as: “The Toughest Stern Drives in the World.”

VISIT US ONLINE AT www.konradmarine.com

OPTIONS

• Propellers
• Trim Control Systems
• Steering Systems (Internal & External)
• Transmissions
• Drive Shafts
• Lifting Brackets
• Spacer Kits

FAST

For performance driven applications, such as extreme government patrol or sports leisure boating, the 660 is built to meet your demand for speed. With dual, counter rotating 16-inch (41 cm) propellers, this drive is designed for 7 - 15 meter (21 - 50 foot) vessels with speeds up to 60 knots (70 mph).

DURABLE

Considered the workhorse of the fleet, the 620 is a dependable, robust drive. By combining Konrad’s proven, single 20 inch (51 cm) propeller technology with stronger shafts and gears, the 620 has set a new standard for stern drive durability.

STONG

Engineered with the largest, strongest gears in the industry, the 680 gives you efficient carrying capacities up to 7.7 metric tons (17,000 lbs.) per drive. This model operates with extreme efficiency in the 40 knot (46 mph) range and sports dual 20 inch (51 cm) counter rotating propellers.

TECHNICAL INFORMATION

MATERIAL AND MANUFACTURING SPECIFICATIONS

Bearings Tapered roller bearings, speed for optimum load carrying capabilities support the shafts
Casters Manufactured from high strength, heat treated aluminum
Shafts Six inch, high strength, heat treated alloy steel utilizing high performance marine technology
Shields 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, and Recreational
Corrosion Protection Multiple anodes, all castings chromatized and layered with powder coatings
Engine Type Diesel or Petrol/Gasoline
Gear Ratios 660: 1.23:1, 1.45:1, 1.65:1, 1.76:1, 1.98:1
600: 1.07:1, 1.23:1, 1.31:1, 1.43:1, 1.50:1, 1.67:1, 1.74:1, 1.94:1
Propeller Diameters 600: 16 inch (41 cm) – or - 20 inch (55 cm) depending on drive model
Steering Range 56°
Trim/Lift System 4° to 10° (trim)
10° to 40° (lunch)
Shifting Reversing transmission required
Water Pick Up None

TECHNICAL INFORMATION