



**FOR IMMEDIATE RELEASE**



## Crisp Barriers Announces **SurTorque**<sup>™</sup> Gate Operator. Performance. Environmentally Friendly. High Security.

**Oak Ridge, Tennessee, September 25, 2008:** Crisp Barriers, Inc., a leader since 1984 in design and manufacture of robust anti-vehicle and perimeter security solutions, has introduced **The Crisp SurTorque<sup>™</sup> Gate Operator**, one of a new family of robust, environmentally friendly high security gate and barrier operators.

The **Crisp SurTorque Gate Operator** is designed for extended life, unsurpassed reliability and environmental friendliness in the most challenging military, diplomatic, industrial, transportation and logistical environments.

**Highest Performance.** Smooth and easy to operate during normal traffic patterns, the Crisp *SurTorque* Gate Operator can deploy a crash-rated drop arm gate in 8 seconds. These crash-rated gates are designed to meet or exceed the U.S. Department of State's severest K12 rating category — stopping a 15,000 lbs. vehicle impacting head-on at 50 mph (80 kph) within one meter. Built in **Emergency Fast Operate** mode permits full 90° gate travel 30% faster than normal deployment.

**Robust Design.** The robust new Crisp SurTorque Gate Operator is designed for crash-rated Drop Arm Gates protecting wide entrances, up to 24 feet, and gate arms requiring up to 9000 inch-pounds of torque under daily, frequent use duty cycles

**Environmentally Friendly.** By eliminating use of hydraulic fluid, the new SurTorque Gate Operator reduces use of hazardous materials, polluting spills and risk of personal injury, and

may qualify for points in LEED<sup>1</sup> or other rating systems, a growing requirement for new and refurbished facilities owned by federal, state and municipal government entities, large and small businesses and others.

**Increased Reliability and Durability.** The 100% electric powered SurTorque Gate Operator operates on either 240VAC single-phase or 208/230/460 three-phase power to supply all operator components, including an induction motor for increased efficiency. The SurTorque Gate Operator programmed electric operator offers managed torque with true soft start/stop action that dramatically increases reliability, durability and robustness of the drop arm gate system, compared to current models. Network ready out of the box, the new operator can be used in hierarchical networks using CC-Link, RS-485 or Ethernet protocols. Updatable firmware and simplified network wiring reduce installation and maintenance costs.

**More Safety Features.** **Warn Before Operate** is a standard safety feature to protect personnel during normal gate operation (bypassed in emergency fast deployment mode). An integral, **through-the-door power disconnect** is mounted on the control enclosure. The control panel features separate compartments for 24VDC controls and for power circuits. Options include capability to support traffic lights, traffic control ground loops, magnetic locking of drop arm in down position, local and remote operating panels and access control devices

**Availability.** Crisp Drop Arm Gates with the advanced SurTorque Gate Operator are available for order immediately for delivery in September 2008. The SurTorque Gate Operator is supported by the Crisp One Year Warranty and off the shelf replacement parts.

**Crisp Barriers, Inc.** was originally founded in 1984 as Barrier Concepts, Inc. by Bill Crisp, an originator of the crash-rated perimeter security industry. Today the company offers more than 20 crash-rated, anti-terrorist vehicle barriers, gates, fences and bollards used around the world to protect military and diplomatic facilities, air and seaports, petrochemical installations, stadiums and other high value assets. Crisp supports every product with genuine Crisp engineering and maintenance services, and available on-site installation, components and off-the-shelf spare parts.

For additional information and engineering assistance, please call 865/481-2280 or visit [www.CrispBarriers.com](http://www.CrispBarriers.com) for products data sheets and access to design drawings, pricing and delivery.

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<sup>1</sup> LEED is a trademark of the US Green Building Council.

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• For Immediate Release—August 1, 2008

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