

## Powerful new softstarters prevent damage and save energy

CG Drives & Automation presents a new range of Emotron TSA softstarters from 5,5 to 1000kW (16-960A and 200-690V). The range includes the new frame sizes TSA 5 and 6 for the highest powers (470-960A). Designed to ensure operational security and energy efficiency they boast many built-in functions for safety and reliability such as thermal motor protection, intelligent load monitoring, thermistor input and bypass contactor as standard.

Soft torque starts and smart stops are accompanied by a robust and compact design. The TSA softstarter is a cost-efficient motor controller for applications where variable speed is not required.

3-phase torque control gives a higher starting torque and lower starting current levels. Soft torque start and stops and strong vector braking for high inertia loads makes it ideal for many applications such as pumps, saws, conveyors, mixers and centrifuges.

With more than 99.6% starter efficiency from the bypass contactor and full softstarter programmability at your fingertips, the TSA gives every opportunity to save energy.

Product Manager Pär Ölund explains: "A real-time clock allows you to customize functionality and set up a schedule according to your own requirements. The plug-and-play solution and the intuitive user interface means that many of our clients complete the installation and programming entirely on their own."

The new size 5 and 6 have ability to handle heavy loads at the start, commonly required by e.g. conveyor belts and crushers. Torque boost is used to overcome initial torque peaks. The starting capacity is 300% for 30 seconds.

The Emotron TSA offers a lot of versatility in operation. It has the ability to handle several different starting and stopping modes, braking ability for fast stopping, a reverse current brake and slow speed/jog mode. Flexible communication options, smart I/O and a PC-tool for commissioning and parameter monitoring completes the product offer.

"The Emotron TSA softstarter is a true workhorse. It is built for challenging environments with coated boards to withstand the toughest conditions. With over 40 years' experience in the field, we can guarantee strength and power in your application." Pär Ölund concludes.

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## About CG Drives & Automation

CG Drives & Automation has developed, manufactured and delivered efficient and reliable motor control equipment for over 40 years under the brand of Emotron. Since 2011 we form a part of CG Power and Industrial Solutions Ltd., a global pioneering leader in the management and application of electrical energy.

At CG Drives & Automation we use our know-how to create technical solutions that fit your requirements, and our personal commitment to make them work in practice.

Simplicity and reliability are keywords applying to our products and solutions, as well as the service and support that our committed professionals provide.

CG Drives & Automation has five core markets with sites in the Nordics, India, Germany, the Netherlands, MEA and a dedicated partner network worldwide.

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