

## **Sandvik cone crusher - CH550**

The new generation of compact cone crusher from Sandvik provides customers with optimum performance and good cubical shape, whilst ensuring the lowest operating cost per ton for a wide range of materials and applications.

The all new patented Sandvik CH550 is based on the proven HYDROCONE™ design, with the CH550 combining the ability to produce excellent shaped products, in fewer crushing stages, thereby making it adaptable to ever-changing customer requirements.

The CH550 crusher from Sandvik Construction has been developed in response to customer demands, building on the rock solid foundation of the HYDROCONE™ concept. This new range of crushers establishes Sandvik as market leaders in the design and development of cone crushers that have been developed to deliver exceptional rates of productivity and efficiency.

The CH550 crusher has the ability to be configured for either secondary or tertiary crusher applications.

It also has a wide performance range and with its unique, patented design the CH550 provides customers with unparalleled adaptability and flexibility.

### **Excellence in quality and performance**

In order to facilitate greater reduction ratios, efficiency and productivity than have been previously obtainable, the new CH550 comes with market leading features:

Sophisticated design with remarkable capacity in relation to size.

The CH550 is versatile; one of three eccentric bushings will cover 90% of the application range.

The Automatic Setting System, ASRi, is included as standard to guarantee safe usage as well as optimal material reduction and shape.

The wear parts have been adapted ensuring a longer lifetime per ton produced.

Effective power transfer capability thanks to new drive arrangements that gives a precise lining of the V-belts, and more than five times prolonged life time.

### **A greener choice**

In order to minimize negative environmental impact, and to produce safer working conditions, the CH550 comes with no plastic backing; furthermore the motor has the highest energy efficiency classification, resulting in less power consumption, thereby minimizing Co2 emissions.

Compared to earlier models, these features enable the crusher to reduce emissions by approximately 30 tons each year; equivalent to six persons annual emissions Annual Co2\* consumption in Sweden , as well as saving's on operating power, thereby reducing total power consumption during the crushers operational lifetime.

### **Safe Operation**

In order to safely maximize operational uptime the CH550 comes with Sandvik's leading ASRi fitted as standard.

This Automatic Setting System - ASRi - enables the crusher to run at maximum performance levels, the ASRi adjusts automatically to the variations in feed conditions for an ideal final product.