Welcome to Bühler’s news on rice processing.

As a leading technology partner in rice processing, we are committed to serving rice processors worldwide, focusing on high capacity, energy-efficient processing solutions that deliver the ultimate in product quality and safeguard food safety. This newsletter brings you the latest in Bühler’s market developments, successful installations, product development and provides an insight into the trending issues affecting the industry today.

Discover more at:
4th International Rice Congress
28th Oct - 1st Nov, 2014, Stand D3, BiTEC Thailand

Best regards,
Nick Wilkins

MARKET DEVELOPMENTS: Bühler Centre of Competence, India

Opened in 2013, the Bühler Centre of Competence in Bangalore, India is a state-of-the-art facility for rice research, product and application trials. The location was aptly chosen as the Centre of Competence for rice because of its strategic location. Regionally, customers and prospects seeking to trial or conduct an application need not have far to travel.

The centre also houses some of the world’s experts in rice, researching on rice programs and on new technologies leading to newer applications and innovations.

Also, vital to this location is our application centre. Equipped with our complete rice milling portfolio, this set-up not only allows Bühler researchers, product designers and engineers easier access to test new innovations and conduct trials on new products, but customers can now visit our dedicated facilities to see live demonstration of our equipment before committing to purchase.

MARKET DEVELOPMENT: Bühler on sustainable and profitable rice processing.

With rice being the staple diet of 40 - 50% of the world’s population, there already exists a strong imperative to gain maximum yield from every hectare of paddy. Moreover, given that the world’s population is predicted to increase, that imperative will be even greater in the coming years.

The pressure is arguably greater on rice processors, charged with delivering a consistent quality of product to an ever growing, ever more demanding market place. Processors need to become more efficient; returning maximum head rice yields from paddy grain and adopting an energy-efficient processing line.

At Bühler, our researchers and product developers are constantly trying to develop new products to resolve these issues - to process rice in the most sustainable, hygienic and safe manner; maximizing yield, improving quality and reducing the use of energy and other resources.

Visit www.buhlergroup.com for full article or email: sujit.pande@buhlergroup.com for further information.
**CUSTOMER SUCCESS: Sri Krishna Metcom, Ranchi, India.**

The company Sri Krishna Metcom Ltd. started out as rice traders and later entered the production business with two Bühler lines of capacity eight tonnes per hour each.

With growing business needs, Bühler was approached to construct a new rice mill, in the shortest possible time with a capacity of 16 tonnes per hour in a single line, to deliver super silky finish rice which should set a new quality benchmark in the market.

The new mill was to be built in the Eastern region of India, in the middle of paddy fields with no industrial development in the vicinity which added to the challenges.

The result is a rice mill equipped with state-of-the-art processing technology that is engineered to maximise rice yield, minimise product breakage and deliver consistent product quality - further consolidating Sri Krishna’s leadership positioning in the market.

**INNOVATIONS: UltraLine - High capacity, energy-efficient rice processing solutions for the 21st century.**

Introducing Bühler UltraLine rice processing solutions. A technological triumph of modern rice processing for today’s mills.

Driven by Bühler’s commitment to encouraging sustainable rice milling, the UltraLine portfolio ushers in a revolution in high capacity energy-efficient processing.

With three new machine innovations featuring all-new multiple international patents – SORTEX S UltraVision™ optical sorter, UltraWhite™ whitener and UltraPoly™ polisher, the UltraLine has been industry-proven to deliver unprecedented levels of processing capacity (up to 16 tonnes per hour) and premium product rice quality whilst driving down the processing cost per tonne.

**INNOVATIONS: Maximising product value through deep processing.**

A Bühler breakthrough in innovative solutions - maximising yields through by-product processing.

To meet the needs of a growing population, nutrition and increasing food safety requirements, rice for human consumption has to evolve.

Our rice researchers working on programs in Bühler facilities located in the heart of South Asia and China have developed a complete range of solutions for the processing of by-products.

Bühler’s successful research has resulted in a range of solutions including rice fortification, reconstituted rice and rice flour that deliver significant returns on investment for processors.
THE BÜHLER FACTOR.
Leading in rice research, analysis and sustainability.

Commitment to Research and Development
Innovation is the key and driver of our success. We continuously invest an average of 4-5% of our turnover into research and development. Our world-class facilities and laboratories house some of the best experts in rice and by working in partnership with customers, we set the standards, deliver the innovations and services to help our customers realise their processing potential.

Encouraging sustainability in processing
Bühler’s focus on sustainability is to generate lasting success for our customers – ensuring that every grain that is processed on a Bühler equipment is utilised to the full. By adopting the Smart Processing approach, Bühler generates added value by rolling out increasingly efficient and effective production processes throughout every processing stage while also ensuring that they comply with strict food safety standards and quality of product finish.

Presence in over 140 countries offering local support and service sites
Bühler operates in all major rice production markets. So, wherever you are in the world, our local Bühler operating companies provide you with a window to our comprehensive global rice and by-product processing capabilities including rice fortification, bran stabilization and rice flour.

1 Bühler Centre of Competence for rice, Bangalore, India.
2 New standard for plant sanitation resulting in less cleaning and longer maintenance intervals.
3 Bühler rice research laboratory, Uzwil, Switzerland.

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