

SORTEX R500: FOR PREMIUM RICE QUALITY

A rice specialist, designed for the toughest challenges in rice.



Time-proven Bühler quality to maximize rice yield.

Autonomous operation for easy performance and profit.

Innovations for a **better world.**

BÜHLER

Embrace new levels of rice purity with SORTEX R500, our new rice specialist sorter, bringing up to 18% improved reject concentration on previous SORTEX models.

That's THOUSANDS of saved tons of rice per year to take to market. R500 gives you the sortexed rice quality you need for higher performance, and higher profit.

Powered by 75 years of proven rice experience with the SORTEX brand, the R500 removes the need for constant tweaking and maintenance. Set up, start, and profit.

“I am very proud to have orchestrated the development and launch of this new rice sorter, which will enable our valued customers to produce rice to a standard not previously possible, and knowing this will be the case for decades to come.”

— **Neil Dyer**, Product Manager | SORTEX R500





Amplify your rice profit



The SORTEX R500 has been built from the ground up for rice. Every part is optimized to give you maximum rice yield for more profit. From the defect detection to the sorting algorithms, SORTEX R500 gives you the quality and control needed to grow your business.

Autonomous rice sorting with less labor costs



Say goodbye to human error with the SORTEX R500, an optical sorter that is so self-sufficient, you don't have to worry about training and skilled labor shortages. Enjoy peace of mind with less operator interaction and training, while still receiving high-quality rice every time.

The industry benchmark



There is a reason why the industry calls it sortexed rice. We have been setting the standards for rice sorting for four generations of our products. Now, we've gone one step further. Get the benefit of 75 years of rice leadership, with the most trusted brand in rice sorting.

SORTEX R500: Core features



Unrivalled rice quality

Every component in the R500 is built to thrive in rice. From the lighting angles to the automation, customers are receiving the optimal rice yield



Improved inspection system

R500 brings higher defect detection than previous sorters, achieving higher throughput quality



Auto Calibration

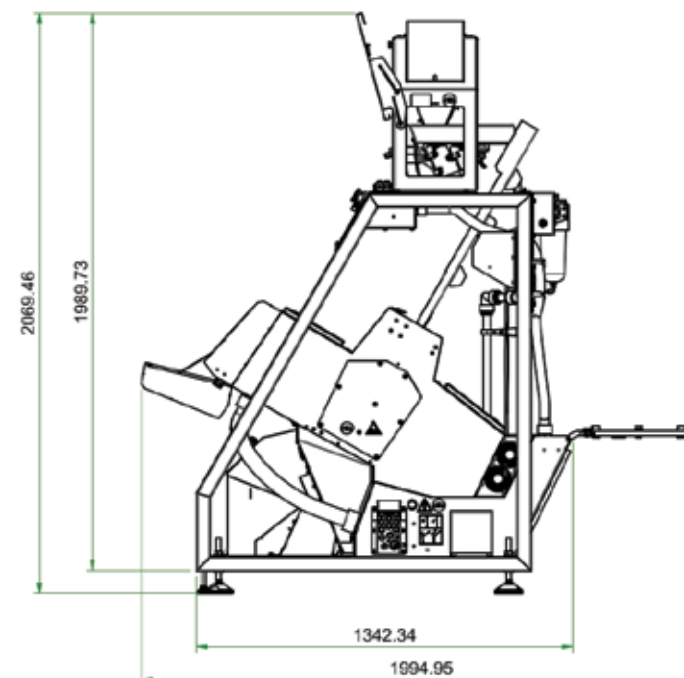
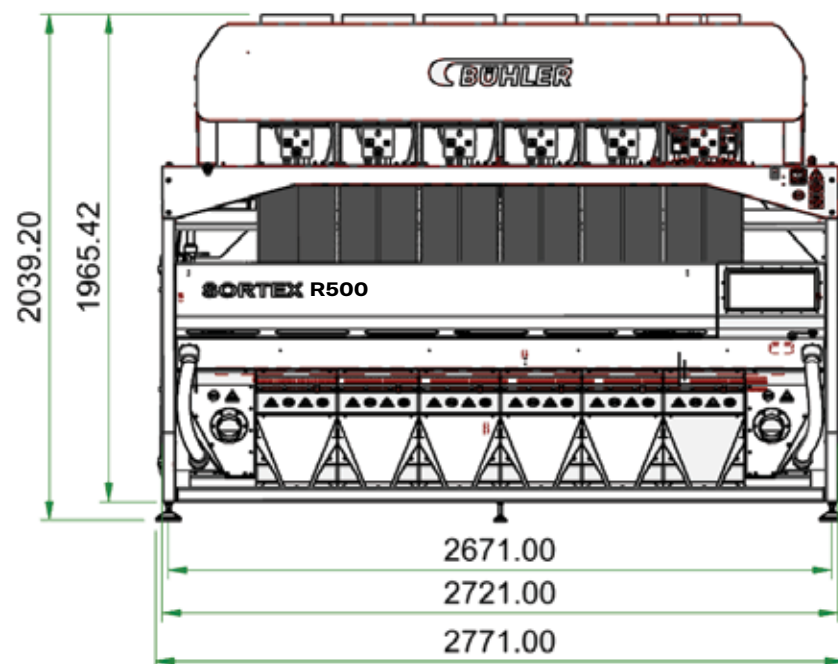
Remove human error with self-adjusting modes and yield improvement over time



10+ years of non-stop sorting

Bühler machines are known for endurance. The R500 is equipped for future challenges with a resilient and lasting design

Technical Details



	Weight kg	Width mm	Depth mm	Height mm	Air pressure psi	Air consumption ltrs/sec	Power consumption kW
R500 5	1230	2771	1342	2069	73~102	18.0	3.0
R500 6	1270	2771	1342	2069	73~102	21.6	3.4



Clear, frosted
and abraded glass



Immature and
rotten grain

Paddy and
foreign seed



White belly
and chalky



Pale to
dark yellow



Spots and
microspots



Twigs and
stones



Peck and
black tips



The definition of rice purity



**Get in touch today to take your
performance and profit to the next level**

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