



COLOR | SIZE | SHAPE

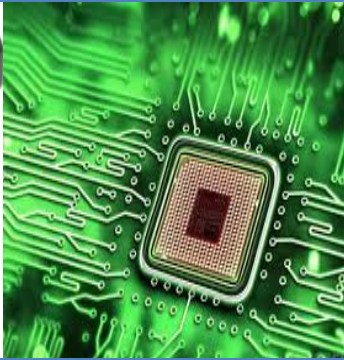
NOVA MAX SERIES SORTER AND GRADER



IDEAL FOR **SORTING**, **SIZING** AND **GRADING** OF CASHEWS

 +91 950 213 6160

novasorters@windledesigns.com



NOVA MAX SERIES

High performance cashew sorter In the market

NOVA MAX Series is a Color Sorter for cashew offering input capacity up to 1 ton per hour. It uses the most innovative vision and detection systems in optics with HD Mono and RGB Sensors and algorithms giving you high speed and consistent performance throughout its operation. Our Sorters also feature advanced algorithms for Sizing and Shape detection.

RELIABLE EJECTORS

High performance and high quality ejectors specially designed for sorting.

ANY APPLICATION CHUTE

Designed for high capacity material flow and specially coated for long life usage.

INDUSTRIAL HMI PANEL

Built with a water and dust proof HMI Panel, which is best suited for sorting environments.

LED LIGHTING

Long life LED lights giving consistent luminescence for enhanced defect detection.

STORED USER SETTINGS

User can store up to 20 custom settings with custom program names.

PRODUCT RUGGEDNESS

Highly reliable electronics and build quality designed by in-house R&D assuring lowest field failures.

HIGH RESOLUTION CAMERA

Custom designed high resolution RGB+Mono cameras to detect micro defect types.

SIZE AND SHAPE

Advanced algorithms for Sizing and Shape to enable users to customize feed size or shape for acceptance.

BEST SORTING, SIZING AND GRADING PERFORMANCE FOR CASHEW WHOLES, JH, K AND BABY BITS.

FLEXIBILITY TO CONFIGURE ACCEPT AND REJECT OPTIONS FOR SORTING AND SIZING.

KEY BENEFITS

SORT AND SIZE MODE

Designed to operate in **Sorting** or **Sizing** mode or **both together** giving flexibility to set **desired** output.

GRADING BASED ON SHAPE

Can grade W180, W210, W240, W320 & W400 kernels. Built in **shape detection** feature rejects out-of-shape kernels or splits with **high accuracy**.

OUTPUT CAPACITY

Choice to **purchase model size, based on output capacity required** ranging from 150kgs to 1000kgs per hour.

ACCEPT AND REJECT

Freedom of choice to select **accept materials** of any Color or Size based on mix ratio in the input material.

SIZING

Sizing options available from **W180 grade to Baby Bits**. Size limit can be set by the user.

SOFT LANDING

Built with **food grade, soft landing material** to minimize cashew breakage.

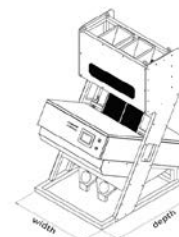
MODELS AND CAPACITY

Model	Channels	Input Capacity* (Kgs/Hr)	Voltage (Volts)	Power (KWs)	Air Capacity (HP)
NOVA M	18	100-150	220, 50Hz	0.8	3.5
NOVA M1	36	200-250	220, 50Hz	1.0	5.0
NOVA M2	50	350-400	220, 50Hz	1.2	5.0
NOVA M3	63	450-600	220, 50Hz	1.5	7.5
NOVA M4	100	700-900	220, 50Hz	2.0	10

- Capacity depends on the input feed contamination ratio
- Above capacity is based on 5% contamination by count

MECHANICAL DIMENSIONS

Model	Weight (Kgs) (Indicative)	Height (mm)	Width (mm)	Depth (mm)
NOVA M	200	1750	360	1150
NOVA M1	210	1750	360	1150
NOVA M2	300	1750	600	1150
NOVA M3	400	1750	980	1150
NOVA M4	500	1750	980	1150



ABOUT NOVA SORTERS

NOVA SORTERS is a brand of WINDLE DESIGNS. NOVA SORTERS is a technologically leading company in food processing and grading of grains, seeds and other bulk products. We develop products & solutions for quality and sustainable food supply. Our products are focused on cutting-edge vision and image processing technologies using reputed, highly reliable vision sensors and high-end computers adaptable to regional produce variations.

NOVA SORTERS is a product of In-house R&D Excellence. Our experienced professionals are capable of developing, customizing and providing industry best product solutions in food process industries and assure quick service support and product upgrades. The key strength of NOVA SORTERS is our capability to offer optimized products for your throughput needs to maximize utilization, minimize capital and operational investments.

NOVA SORTERS offers its customers:

- Scalable yet optimum product design with highest quality standards
- High performance products that stem from deep design knowledge in vision and image processing
- Quick service support in anywhere in India
- Continuous Commitment to Innovation, Efficiency and process improvements in food processing industry

NOVA SORTERS

(A Brand of Windle Designs LLP)

WINDLE DESIGNS LLP

(LLPIN: AAK-9633)

6-13/1/A, Sai Nagar, HS Darga,
Hyderabad – 500008, Telangana

novasorters@windledesigns.com

www.novasorters.com

© WINDLE DESIGNS LLP, WINDLETEK and NOVA SORTERS

CONTACT NOVA AT +91 9502136160



Scan this QR
code to visit
our website

