

# GRIDBOTS AUTOSORT

360 DEGREE INSPECTION SYSTEM



- SORTING
- GRADING
- INSPECTION



*gridbots*

# GRIDBOTS AUTOSORT

360 DEGREE INSPECTION SYSTEM



IOT ENABLED  
SYSTEM



LOWEST POWER CONSUMPTION  
IN ITS CLASS



MULTIPLE VEGETABLES &  
FRUITS SUPPORTED



1 MM ONWARDS  
DEFECT DETECTION



SMALLEST  
FOOTPRINT



VARIOUS SURFACE  
DEFECTS ANALYSIS



Gridbots Autosort™ is a realtime high speed sorting and grading system which can sort more than 1 lakh items per hour.

AutoSort™ uses advance machine vision to sort food items like cashews, potatoes, chips, french fries, potato flakes, dehydrated vegetables or Individual Quick Frozen (IQF) foods such as carrots or peas at very high speeds.

Most cost effective solution for your sorting, grading, foreign material and stones removal and packing needs. Operation can be based on item color, texture, size or appearance.

Multistation and nested sorting can be done based on above parameters.

High resolution cameras and multi spectral sensors are used with Gridbots gridEYE™ technology to detect defects at high speeds. Relieves client of manpower issues during season while delivering high quality product sorting at exceptional value.

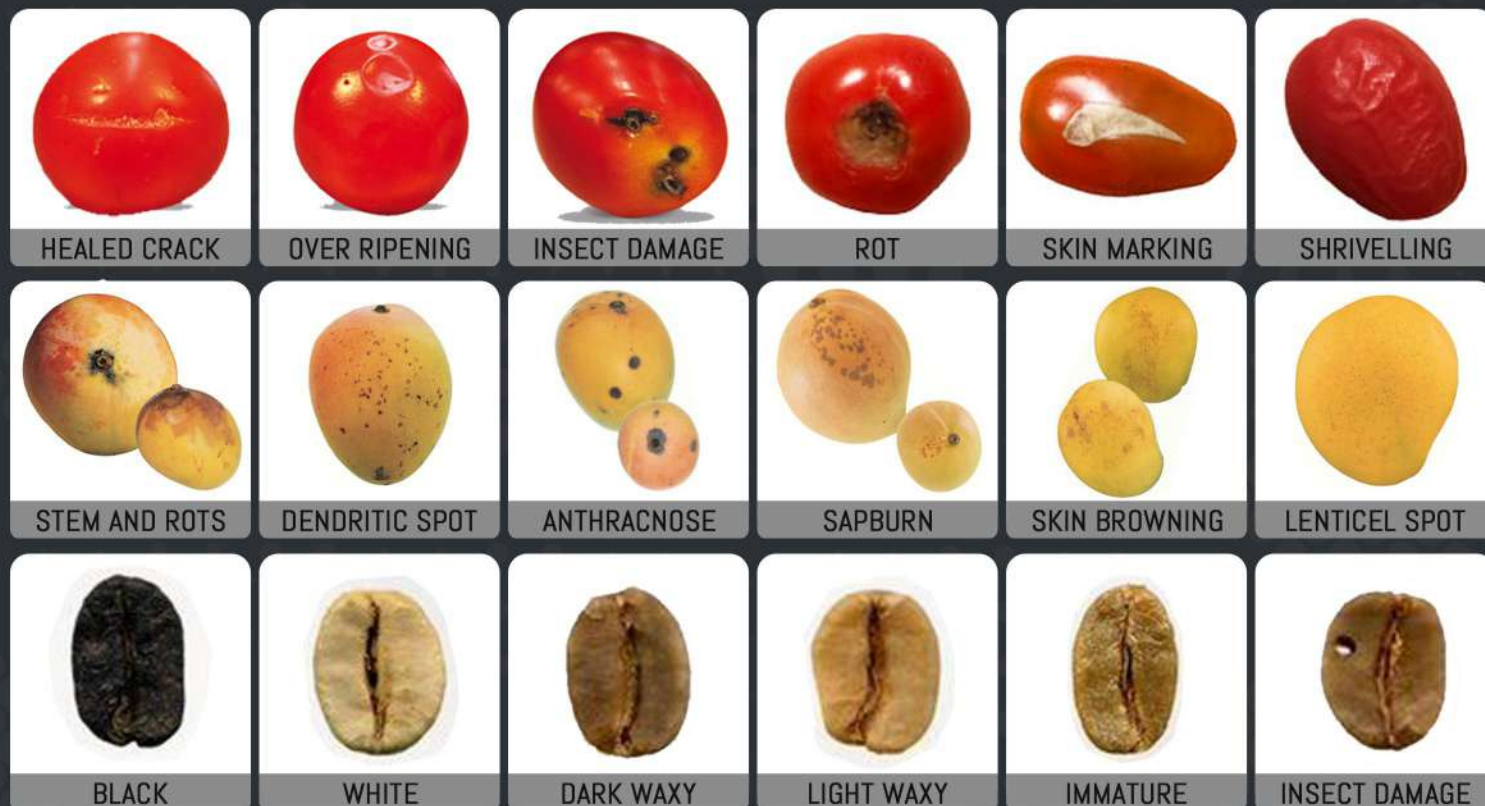
## OUR SORTING SOLUTIONS

# FEATURES

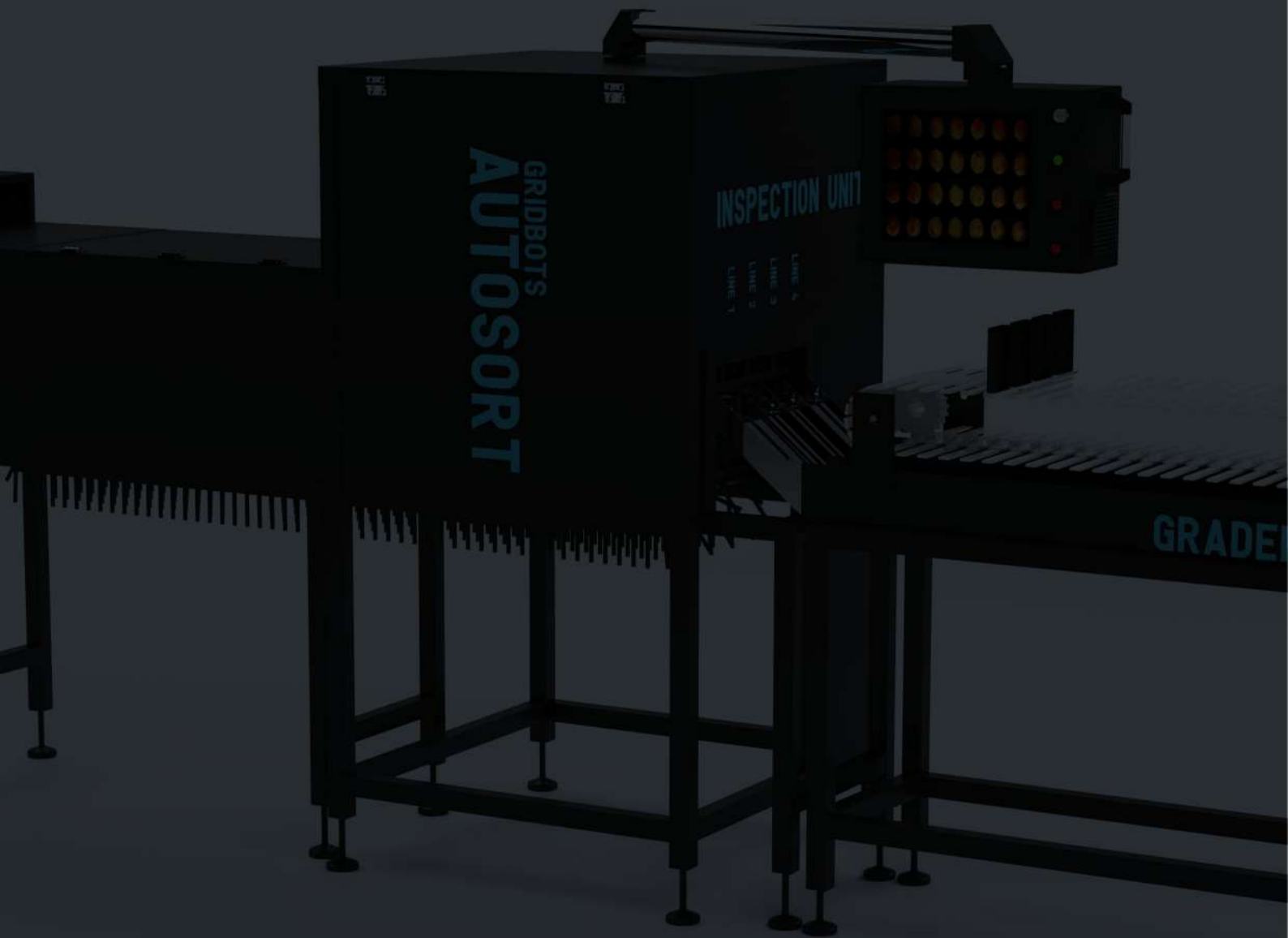
- GPU enabled high speed compute
- Foreign Material Removal
- Internal quality inspection
- Grade on Color, Size, shape
- Multiple Fruits/Vegetables Inspection/Grading on single machine
- Multistation Sorting and Grading
- 2D and 3D Cameras
- Select models works on solar power

# CONSISTENT FOOD QUALITY

## DEFECTS



VEGETABLES	WEIGHT	SIZE	COLOR	EXTERNAL QUALITY	INTERNAL QUALITY
 TOMATO	✓	✓	✓	✓	✓
 POTATO	✓	✓	✓	✓	✓
 ONION	✓	✓	✓	✓	✓
 CARROT	✓	✓	✓	✓	✓
 CUCUMBER	✓	✓	✓	✓	✓
FRUITS	WEIGHT	SIZE	COLOR	EXTERNAL QUALITY	INTERNAL QUALITY
 APPLE	✓	✓	✓	✓	✓
 CHERRY	✓	✓	✓	✓	✓
 ORANGE	✓	✓	✓	✓	✓
 PEAR	✓	✓	✓	✓	✓
 POMEGRANATE	✓	✓	✓	✓	✓
 KIWIFRUIT	✓	✓	✓	✓	✓
DRY FRUITS	WEIGHT	SIZE	COLOR	EXTERNAL QUALITY	INTERNAL QUALITY
 ALMOND	✓	✓	✓	✓	✓
 CASHEWNUTS	✓	✓	✓	✓	✓
 FIGS	✓	✓	✓	✓	✓
BEANS	WEIGHT	SIZE	COLOR	EXTERNAL QUALITY	INTERNAL QUALITY
 COFFEE	✓	✓	✓	✓	✓
 FIRJOL	✓	✓	✓	✓	✓



**GRIDBOTS TECHNOLOGIES PVT. LTD.**

**Main Office Address**

Office #306, Maharana Pratap Complex, Behind V.S. Hospital,  
Ashram Road, Ahmedabad - 380006, Gujarat, India.

**Factory Address**

59, MahaGujarat Industrial Estate, Behind Surbhi Dining Hall,  
Sarkhej Bavla Road, Moraiya, Ahmedabad - 382213, Gujarat, India.

**Contact**

M. :+919924826584

Email Id : [contact@gridbots.com](mailto:contact@gridbots.com)

Website : [www.gridbots.com](http://www.gridbots.com)

