

GLASSO

INSPECTING EVERYTHING IN GLASS

ABOUT GRIDBOTS

We are a Technology company from India and work in the field of Robotics - Artificial Intelligence and Machine Vision. Founded in August 2007 by young and passionate innovator Mr. Pulkit Gaur [TED Fellow and MIT Young Innovator of the year]. We today are a team of more than 50 people- Head quartered in Ahmedabad and having offices in Pune and Delhi.

We design and develop ultra high performance systems which are used in the industry for defect detection - dimension measurement - sorting applications - grading application and many other ways. With our machine vision and robotic solutions we are helping our clients achieve digital factory goals in a time bound manner.

We would be glad to hear about your industry 4.0 adaptation strategy and would love to get in touch with you to explore the synergies in working together !

NO.1

Market Share In Solar Glass Inspection in India

12+

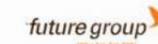
Glass Projects Completed

10+

Research Team

200+

Components Used per Machine



GLOBAL PRESENCE



**HEAD OFFICE
INDIA**

01

ROBOTRIK SYSTEMS.
CANADA

02

DIGITAL OCEANIC.
SF

03

DAIT COMPANY.
RUSSIA

04

ATM.
DAMMAN

05

ZARP LABS.
INDIA

07

ENCODE SYSTEMS.
SINGAPORE

06

SIGNET SYSTEMS.
AUSTRALIA

01

ROBOTRIK SYSTEMS.
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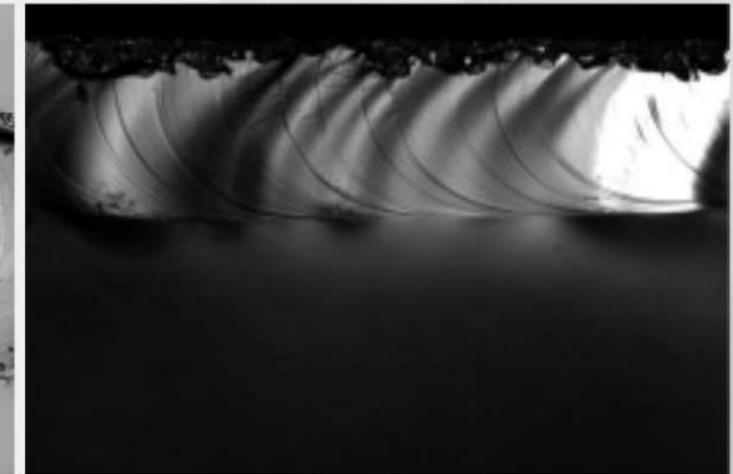
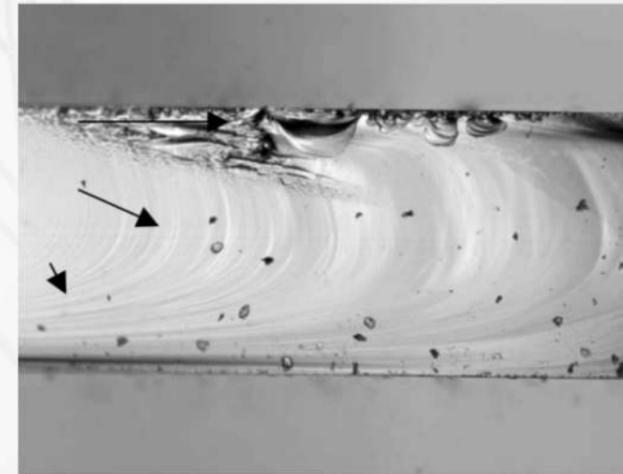
GLASSO EDGESCAN

ANNEALED GLASS EDGE INSPECTION
AND PROFILING SYSTEM

THE INDUSTRY STANDARD
FOR PRECISE EDGE
INSPECTION

GLASS INSPECTION SYSTEM

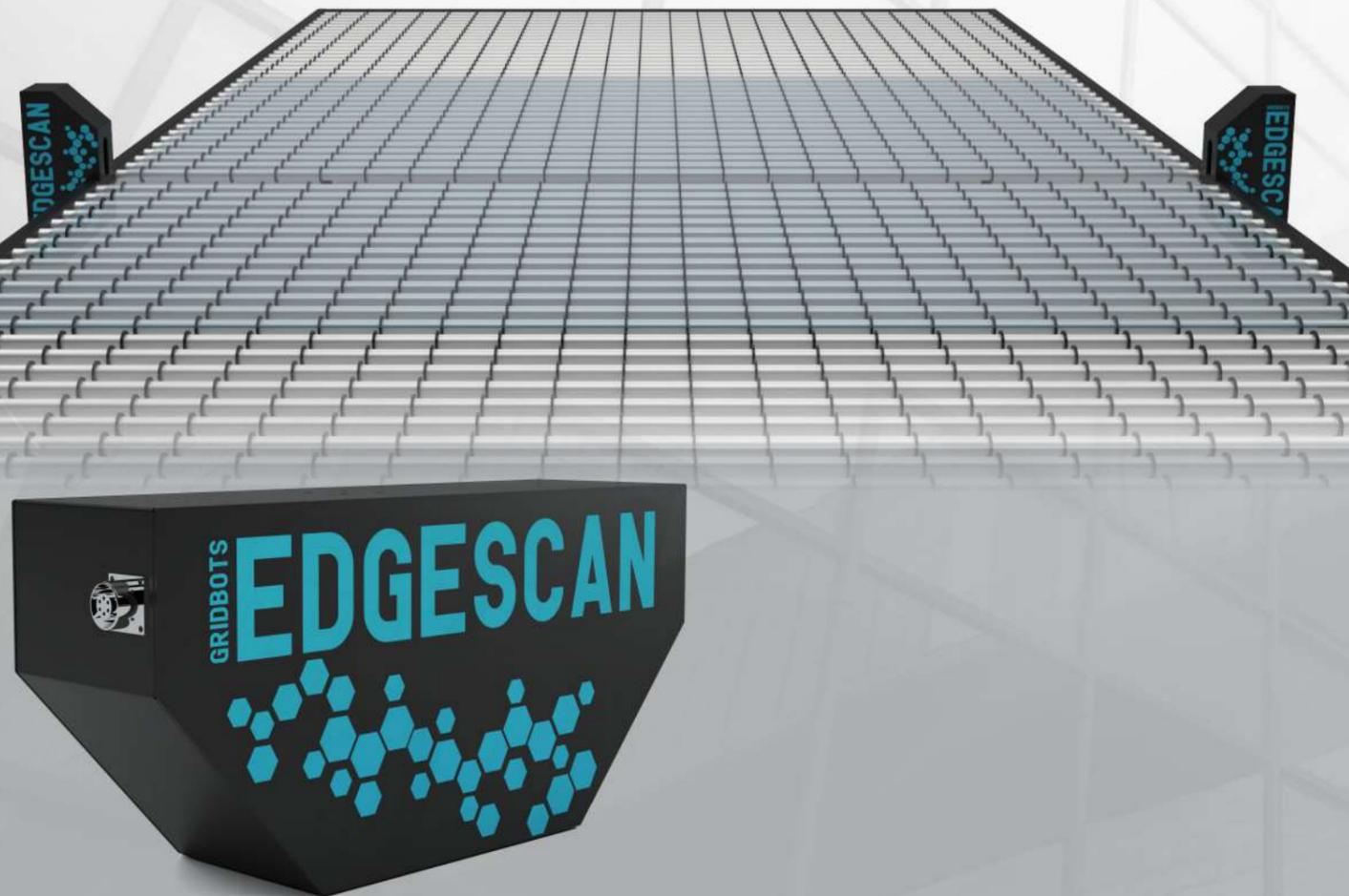
EDGE DEFECTS



SPECIFICATIONS

Measurement Resolution	0.05 mm
Compatibility	Solar Glass, Float Glass, Low E Glass, Patterned Glass, Tinned and Dark Glasses
Production Line Compatibility	All Glass production and Tempering Lines.
Scalability /Width / Speed Limitation	Scalable With the speed and width of Glass line
Rugged System	Low maintenance optical - Non Contact System
Compute System	High End Compute System with GPU based real time computation
Easy of Use	Multilingual Intuitive and easy to user interface
Visualisation	3D Data visualisation in real time with 3D maps
Easy integration	Compatibility with more than 99% Glass/ Tempering Lines
Control System + HMI	21" Touch Screen with x64 Architecture
System Controllers	GPU, Multicore systems and FPGA's used
Principle Illuminator	Phase Controller Coherent Lasers
Operating Environment	Non Clean Room, Non-Condensing
Operating Temperature	0-80 degrees
Remote Control and Reprting [IOT]	Remote login & Maintenance - IOT based control and analytics

THE KEY TO SUCCESS AND HIGHEST PRODUCTIVITY



Gridbots Glasso EDGESCAN is a realtime 12 camera based glass sheet edge measurement ,inspection and profiling system which can find almost all kinds of defects on the ground edges of the glass sheets and can provide realtime comparision to the required profile and any variations in it.

The principle of detection of edge defects is polarised light reflection and refraction on glass edges and this enables the system to find even the minutest of the defect or chipping on the edge.

The system comprises of 12 area scan cameras which are directly connected to individual processing units for minimal delays.



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

Website : www.gridbots.com

