



**GRIDBOTS**  
**BAG-CHECK**  
ROBOTIC BAG INSPECTION SYSTEM

# GRIDBOTS BAG-CHECK

ROBOTIC BAG INSPECTION SYSTEM

Gridbots Bagcheck is an integrated machine vision solution for small and large woven PP and other fabric bags.

The system automatically checks item for dimensions, surface defects, printing defects and fabric defects using twin high resolution camera's from top and bottom.

It has two linear robots - one for automatic pick and place of bags from a bag stack and bring to the vision inspection table, other robotic arm to pickup bags from inspection table and put in accept or reject stacks. The cycle time is 2 seconds and it can inspect around 30,000-40,000 bags per day.

✔ Individual Bag Measurement

✔ Individual Bag Weight

✔ Print Inspection

✔ Front & Back Inspection

✔ Fabric Quality Inspection

✔ Sticking Defect

## SPECIFICATIONS

**Machine Dimensions [LxBxH]**  
6000x2000x2000 mm

**Build Material**  
Powder Coated MS

**Supported Bags Size**  
Length:400 to 1000 mm  
Width:100 To 800 mm

**Vaccum Gripper**  
Silicone Suction Cups

**Bag Size Machine adjustment time**  
Less Than 1 Minute

**Feed Weight Capacity**  
Upto 300 Gms per Bag [Maximum]

**Robotic Mechanism**  
High Speed Linear Robots

**Electrical Characteristics**  
Single phase  
[230 V A.C. - 1 HP]

**Health Checking**  
Inbuilt IOT and Alert Mechanism

**Machine Weight**  
500 KG

**Surface Finish**  
Matt - Grey

**Machine Vision System**  
Integrated GPU Based  
Processing System

**HMI Panel for Control**  
21 Inch HMI

## AUTOMATIC WOVEN BAG INSPECTION SYSTEM





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