



GRIDBOTS
DELTA-4

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HIGH SPEED PICKING ROBOT

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

Pick & Place Robot Supplier from India

50+

Projects Completed

100+

Robots Delivered

15

Components Per AMR



DELTA-4

HIGH SPEED PICKING ROBOT



LOAD CAPACITY
UPTO 5.0kg



TCP SPEED
1.0m/sec



REACH
0.8/1.13m



REPEATABILITY
0.1mm



USAGES



WAREHOUSE



FOOD & BEVERAGE



AUTOMOTIVE PARTS



PHARMA



ELECTRONICS PARTS



COSMETIC



CLOTHES

VARIANTS

Payload Capacity	Upto 5.0 Kg
Number of Axis	6
Repeatability	0.1 mm
Reach	0.8/1.13 Meter
TCP Speed	Up to 1 M/sec
Power Rating	500/700/1200/2000 Watts
Robot weight	10/20/30kg

JOINTS RANGE

J1	-
J2	-
J3	-
J4	720
J5	300
J6	720

JOINTS SPEED

J1	-
J2	-
J3	-
J4	1700
J5	1700
J6	1700

I/O PORTS

Digital In	12
Digital Out	12
Analog In	4
Analog out	4

MOMENTS/INERTIA

J4 Moment/Inertia	4
J5 Moment/Inertia	4
J6 Moment/Inertia	4

SAFETY

TOF Sensors	6x
E-Stop	2x
Impact Sensor	1x

ENVIRONMENTAL

IP Rating	54
Temperature	0°C to 55°C
Humidity	95%, Non- Condensing

COMPUTER

On Board Computer	i7 [11'th Gen]
GPU	nvidia - 1080
RAM	16 GB
Aux Controller	ARM-32 Bit



GRIDBOTS TECHNOLOGIES PVT. LTD.

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