



SMART

PRECISE

SAFE

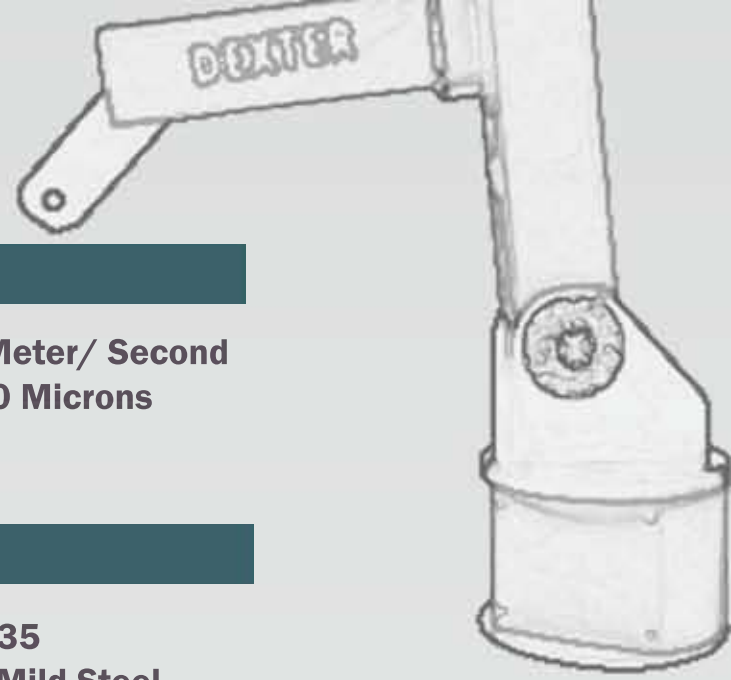


GRIDBOTS
COLLABOTS



DEXTER

ARTICULATED 6 AXIS ROBOT



PERFORMANCE

Payload Capacity : 5/10/20 Kg
Axes : 6
Reach : 1000 mm[5kg], 1300 mm[10 kg], 1500 mm [20 kg]

Tip Speed : 1 Meter/ Second
Motion Precision : 100 Microns

SPECIFICATIONS

Noise Levels : 70 dB
Robot Weight : 25 Kg
Controller Box : 15 Kg Weight [400x400x500 mm]

IP Rating : 35
Built Material : Mild Steel
Paint/Coating : Powder Coating

Motion Range: Base: $\pm 360^\circ$ Shoulder: $\pm 180^\circ$ Elbow: $\pm 180^\circ$ Forearm : $\pm 180^\circ$ Wrist 1: $\pm 180^\circ$ Wrist 2: $\pm 360^\circ$

POWER

Power Consumption : 200W [Typical] , 600W [Max]
Motor Voltages : 24/48 V DC
IO Ports : 9 [3 Ana Out] [3 Digital In][3 Digital Out]

Power On IO Ports/ TCP : 50W
Signal Output : Profibus

SAFETY

Torque Limit : All Joints
Impact Sensor : Tool Center Point
Safety Curtains : Optional

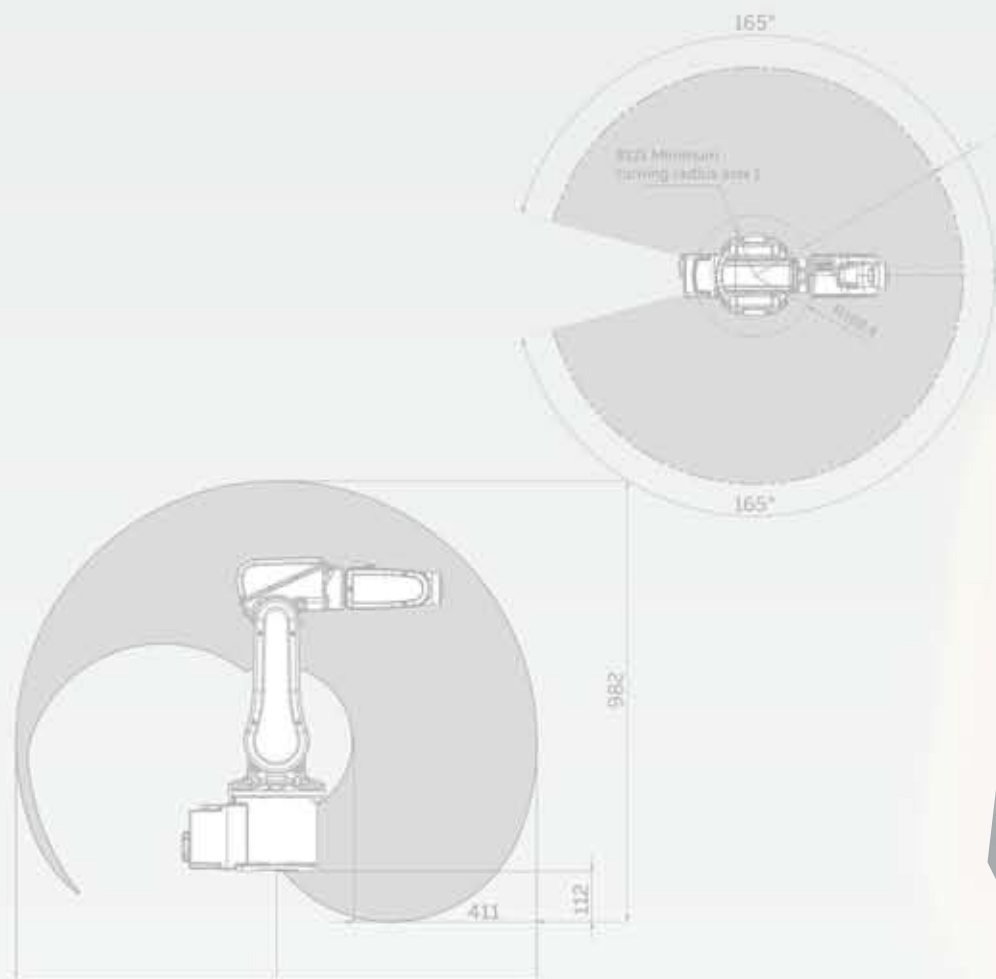
AI Camera : Optional - 3D Sensing Around
E-Stop : 2x
Impact Sensor : 1x

TEACH PENDANT

On Board Computer : Intel
Screen : 10 Inch
Motion Control : Grid-Motion Software
Aux Controller : ARM-32 Bit - Inbuilt

ENVIRONMENTAL

IP RATING : 50
Temperature : 0-60 Degrees
Humidity : 95% , Non-Condensing



GRIDBOOTS COLLABOTS

HIGH SPEED DELTA ROBOTS

PERFORMANCE

Payload Capacity : 1/3/5 Kg
Axes : 4
Reach : 250 mm[1kg], 450 mm[3 kg], 600 mm [5 kg]

Tip Speed : 1 Meter/ Second
Motion Precision : 100 Microns

SPECIFICATIONS

Noise Levels : 70 dB
Robot Weight : 25 Kg
Controller Box : 15 Kg Weight [400x400x500 mm]

IP Rating : 35
Built Material : Mild Steel
Paint/Coating : Powder Coating

Motion Range: Base Joints: $\pm 100^\circ$ Vertical Motion: 200 mm Wrist: $\pm 360^\circ$

POWER

Power Consumption : 200W [Typical] , 600W [Max]
Motor Voltages : 24/48 V DC
IO Ports : 9 [3 Ana Out] [3 Digital In][3 Digital Out]

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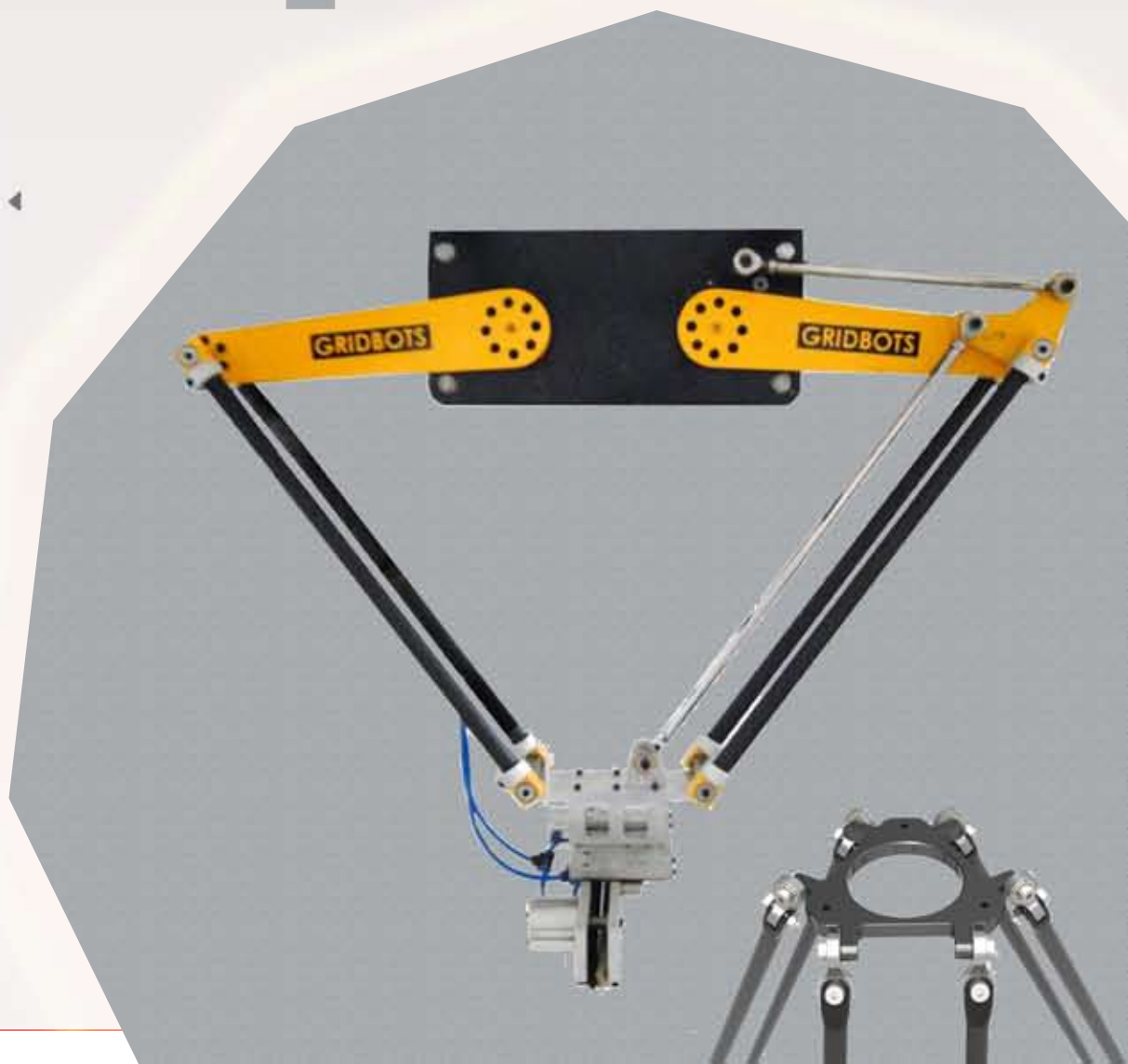
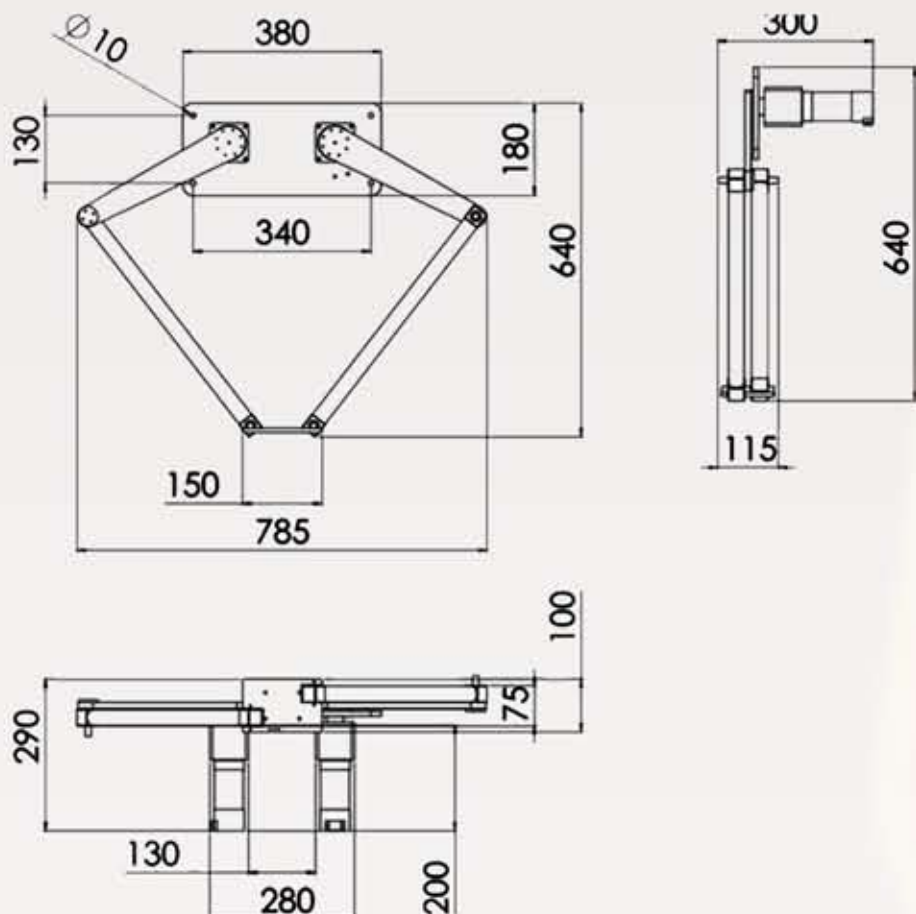
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THE COMPANY >>>

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 !



Factory Address

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