



# BIT

TECHNOLOGIES

A man with dark hair, wearing a white button-down shirt and khaki pants, stands with his arms crossed in a workshop. The background is filled with shelves of electronic equipment, including oscilloscopes and monitors. In the foreground, a self-driving car chassis is visible, featuring a camera and various sensors.

**€70k**

**VISIONBOT robots**

**\$75k**

**AUTONOMIX Self-Driving Car**

**TIME top 10 most influential teens'13**

**#1 work hard**

**#2 try, try, try**

**#3 connect**

# WORK HABIT





# VisionBOT

**[www.visionbot.net](http://www.visionbot.net)**

**Alexandru Ionut Budisteanu**

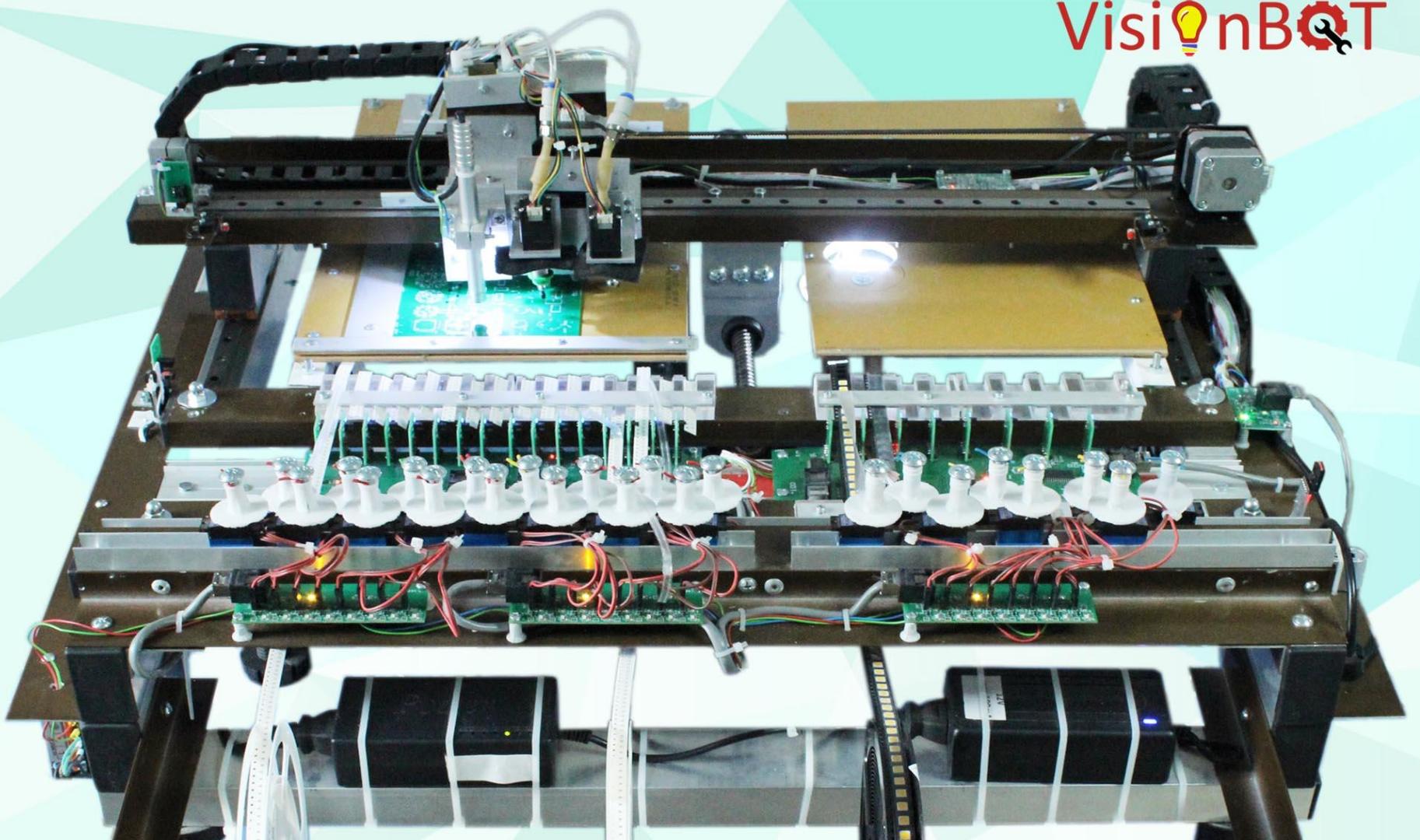
Romania 2015-2017



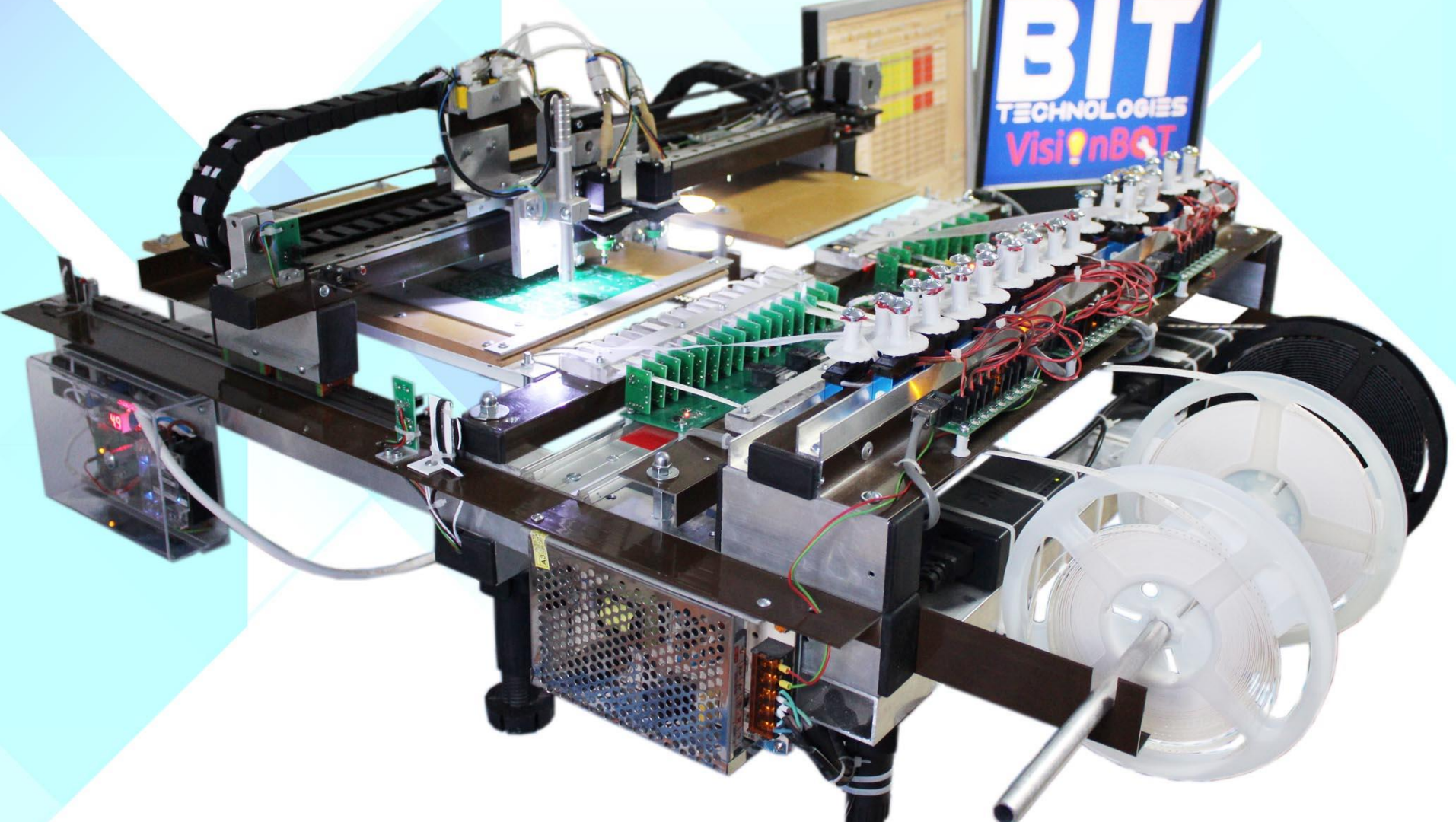
**7.5 MILLION  
ELECTRICAL ENGINEERS**

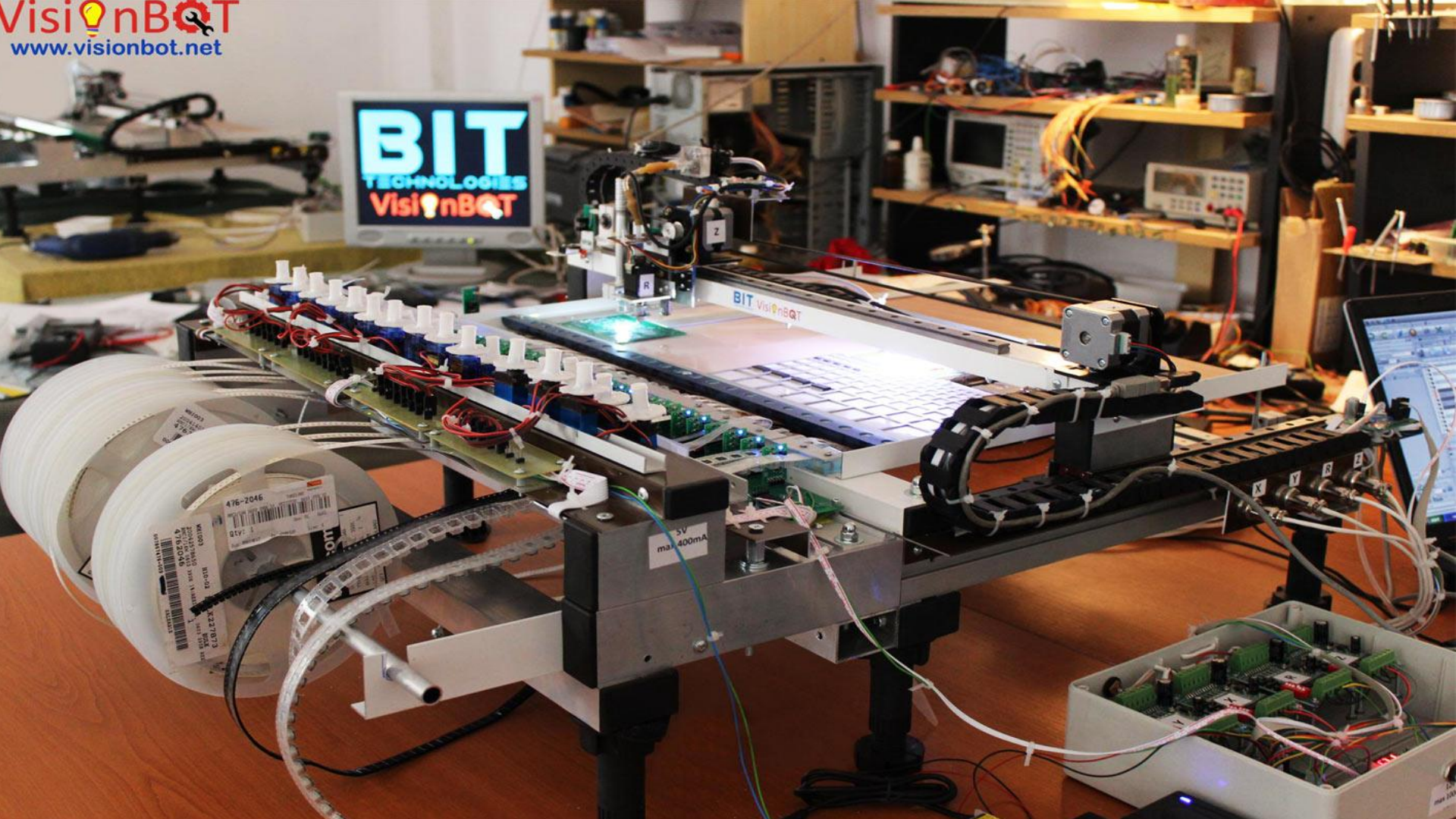
# Chinese factories











BIT  
TECHNOLOGIES  
VisionBOT

Q. Introduction

PICK AND PLACE MACHINE

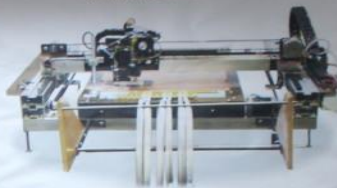
VisionBOT

Using VisionBot Pick and Place machine, millions of electrical engineers and hobbyists, inventors, makers, European students and entrepreneurs can manufacture gadgets and Internet of things devices in their own house.

PICK AND PLACE MACHINE

VisionBOT

[www.visionbot.net](http://www.visionbot.net)



PICK AND PLACE MACHINE

VisionBOT

Competitive Advantages

- Best price worldwide on the market - \$3,000 selling price
- The Machine can place up to 1000 parts/hour
- Dedicated software with Computer Vision & Gerber Editor



A man in a dark suit and blue tie stands behind a table covered with a dark blue cloth. On the table is a laptop. The background is a solid red wall. Large white text with a black outline is overlaid on the image, reading "Presented in Silicon Valley".

# Presented in Silicon Valley

**HULT** International  
Business  
School  
GET PLUGGED IN TO THE WORLD



# GOLD medal National Salon of Inventions



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**2015 - €10k Hyundai Motor**

**2015 - €15k UEFISCDI**

**2016 - €50k SME Instrument**

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# VisionBot Software

VisionBOT

The screenshot displays the VisionBot v 1.0003 software interface. The main window shows a top-down view of a PCB assembly table with a camera and a nozzle. The interface includes a menu bar (Software, System, Tabs, Options, Help), a toolbar with various icons (Undo, Redo, COM, Occupied, GoTo, Stop, Pick&Place, Step by step, Start UnPlace), and a status bar (System Position, X=421s Y=-6984s Z=0s, Rotation=0° Speed=0, Installed Nozzle: Nozzle 1). The main workspace is divided into several panels:

- PCB Productions:** Includes buttons for Welcome, COM, Keyboard, Parts, Python Script, Nozzles, Vacuum, PCBA Projects, Gerber file, Clear, Save, Save As CSV, Load CSV, Config CSV importer, Calculate relative positions, and Automatically.
- Centroids data:** A table showing the following data:

Reference Desi...	Footprint	Part	Feed	Nozzle	Rotation	X	Y	Z
✓ R37	0603	Res 150ohm	Feeder No. 2	Nozzle 1	-90.2...	1725	902	-80...
✓ R34	0603	Res 150ohm	Feeder No. 2	Nozzle 1	-0.28...	4138	1794	-80...
✓ D19	0603	Res 150ohm	Feeder No. 2	Nozzle 1	-0.28...	4389	1796	-80...
✓ R39	0603	Res 150ohm	Feeder No. 2	Nozzle 1	-0.28...	4752	-391	-80...
✓ R46	0603	Res 150ohm	Feeder No. 2	Nozzle 1	-0.28...	4753	-1003	-80...
✓ Part5		Transistor	Transistor	Nozzle 3	179....	4200	103	-84...
✓ Tranz2		Transistor	Transistor	Nozzle 3	179....	4197	1326	-84...
✓ Oct1		Optocuplor	Optocuplor	Nozzle 3	-0.28...	3715	1257	-84...
✓ Oct2		Optocuplor	Optocuplor	Nozzle 3	-0.28...	3718	-17	-84...
✓ Oct3		Optocuplor	Optocuplor	Nozzle 3	179....	3500	1352	-84...
✓ D23	0603	Res 150ohm	Feeder No. 2	Nozzle 1	-0.28...			

The interface also features a 'Bottom Vision' panel on the right, showing a top-down view of the PCB assembly table with a camera and a nozzle. The status bar at the bottom indicates 'Offline CAM' and 'Processing Last InstructionP'.

# VisionBot Software

BIT PCBA

Software Control Tabs Options Help

System Position  
 961s Y=-8364s Z=0s  
 Position=183.02757° Speed=0  
 Nozzle: Nozzle 1

Reset xyzr Status: Vision  
 Machine Pos Set RPos

Top Vision - Microscope  
 Process

Algorithms  
 Algorithm Part Cut Tape Detection  
 Output: Otsu3\_603

Control  
 Use Camera 2 FPS: [30]  
 Align Comp x:0 y:2 a: 0

Offline CAM  
 Processing Last Instruction

PCBA Projects

Centroids

Productions data

PCBA Reports

Gerber Editor

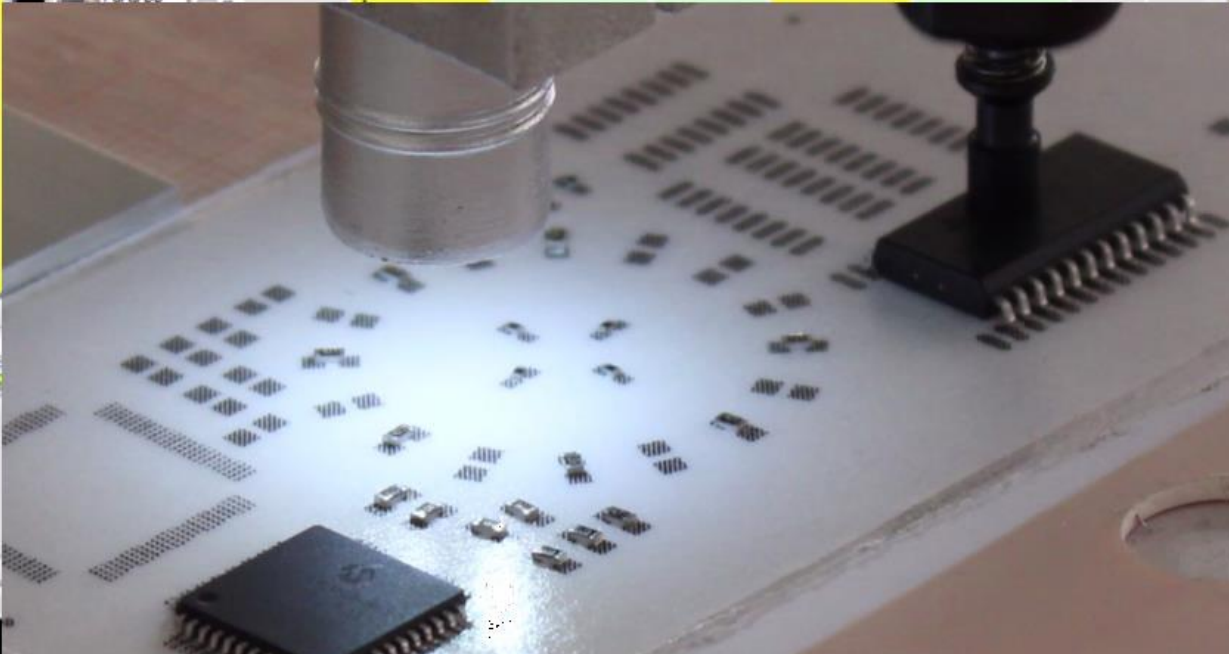
Parts

Parts DB

Centroids data file: .\Gerber\CSV\Altium\AltiumDemoAndAdjustBoard.csv

Auto open .\Gerber\CSV\Altium\AltiumD

Designator	Part	Feed	Nozzle	Vision Type	Vision	Rotation	X
U16	TQFP64_05...			NO PART ASSI...	NO PART ASS...	360....	5657
U15	TQFP64_05...			NO PART ASSI...	NO PART ASS...	270....	6287
U14	TQFP64_05...			NO PART ASSI...	NO PART ASS...	180....	6916
U13	TQFP64_05...			NO PART ASSI...	NO PART ASS...	90.2...	7545
FID4	Fiducial			NO PART ASSI...	NO PART ASS...	90.2...	1619
FID3	Fiducial			NO PART ASSI...	NO PART ASS...	90.2...	-263
FID1	FIDUCIAL r...			FIDUCIAL ALIGN		0	1615



Bottom Vision Camera

Process

Algorithms

Algorithm Component Detection

Settings VisionZoomBlack

Control

Use Camera 0 FPS: [30]

GoTo Align x:0 y:0 a: -0.0587862644783406

Offline CAM

Microscope Computer Vision System

Mouse: Width: 537 Height: 39



# Gerber Editor & easy to use

The screenshot displays the VisionBot v 1.0002 software interface, which is a Gerber Editor. The main window shows a detailed PCB layout with various components labeled, including a PIC microcontroller, resistors (R0603, R1206), and optocouplers (Optocoupler transistor). The interface includes a top menu bar (Software, System, Options, Help), a toolbar with icons for file operations and editing, and a central workspace for the PCB layout. On the left side, there are several panels: 'System Position' (X=0s Y=0s Z=0s), 'Microscope' (with 'Draw', 'Stread', 'Process' checkboxes), 'Parts' list, and 'Feeder hole detection' settings. On the right side, there is a 'Streaming from the vision' window with 'Draw', 'Stread', and 'Process' checkboxes, and a 'Control' panel with 'Auto start FPS: [nan]' and 'Resolution: [nan]' settings. At the bottom, there is a 'Messages' window showing system logs.

Type	Message	Details	Code
✓	The config file was successfully loaded	All your previous options were loaded	
⚠	File C:\Documents and Settings\bebeu\Desktop\Pick and Place\pick_vers02\...	File not found	
⚠	Gerber Editor deleted all the previous elements	The ontainer was cleared	
✓	Gerber File Project was loaded from: C:\Users\jonut\Desktop\Startup - Pick ...		

spStatus System Control Status Machine mode: Normal

**DEMO**

expanding

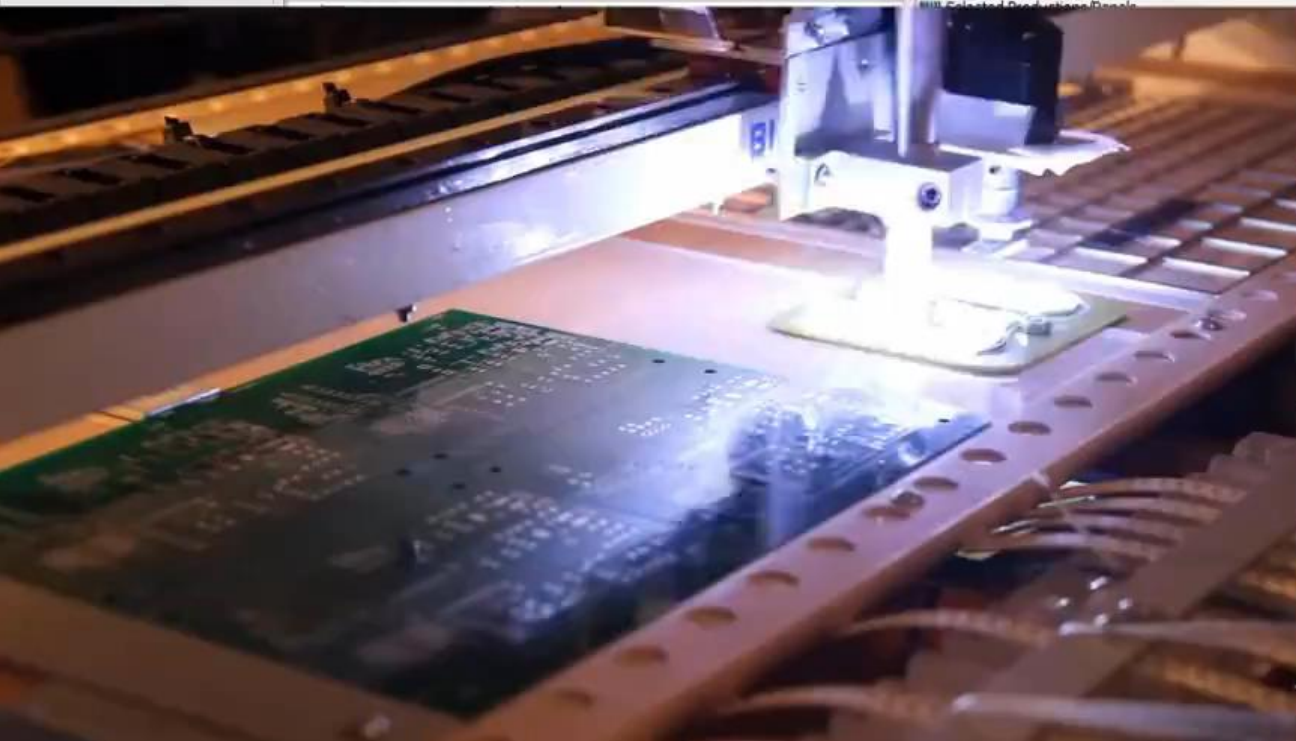
Software System Tabs Options Help

Undo Redo COM Occupied Read GoTo Cfg Align Stop Pick&Place Step by step Start UnPlace

System Position  
X=13623s Y=1388s Z=0s  
Rotation=0° Speed=0  
Installed Nozzle: Nozzle 2  
Reset xyzr Status: Pick  
Units Steps Real Pos Set RPos

Welcome COM Keyboard Parts Feeders Tray Centroids Gerber file  
PCB Productions Temperature Server Python Script Nozzles Vacuum PCBA Projects

PCBA Project Manager  
Projects folder: Selected PCBA  
Selected PCBA Project: Project 1 PIC Motherboard Panelization  
Name: Project 1 PIC Motherboard Panelization



Bottom Vision  
Draw Streatch Process

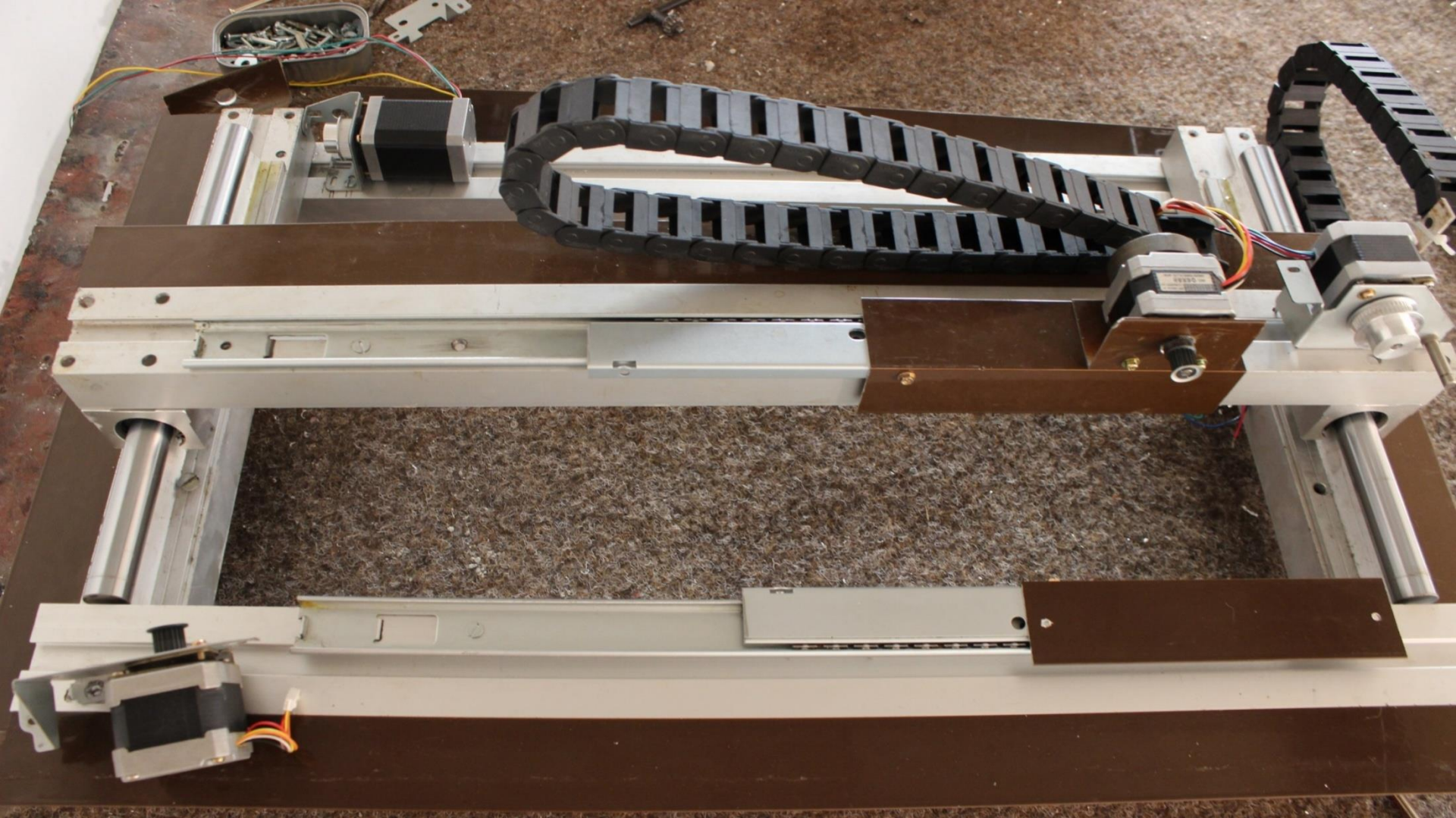
Control Rect Detection  
Res: w=640 x h=480  
Show Histogram  
FPS: [30]  
Use Camera 0  
GoTo Align x:4 y:0 α: -0.273689270019531  
Offline CAM

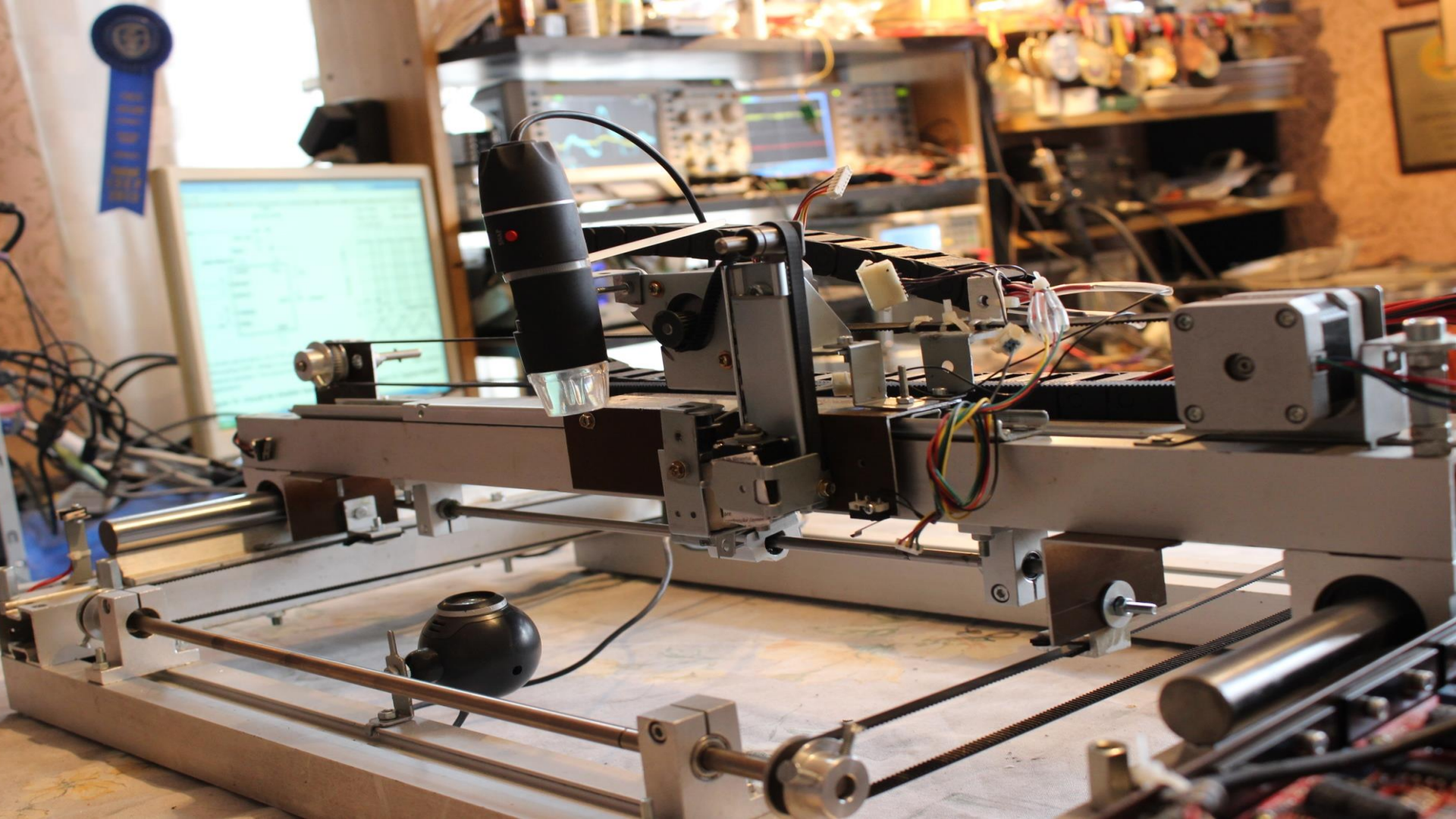
Code  
was set  
was done successfully  
ign Chip Thread had b...

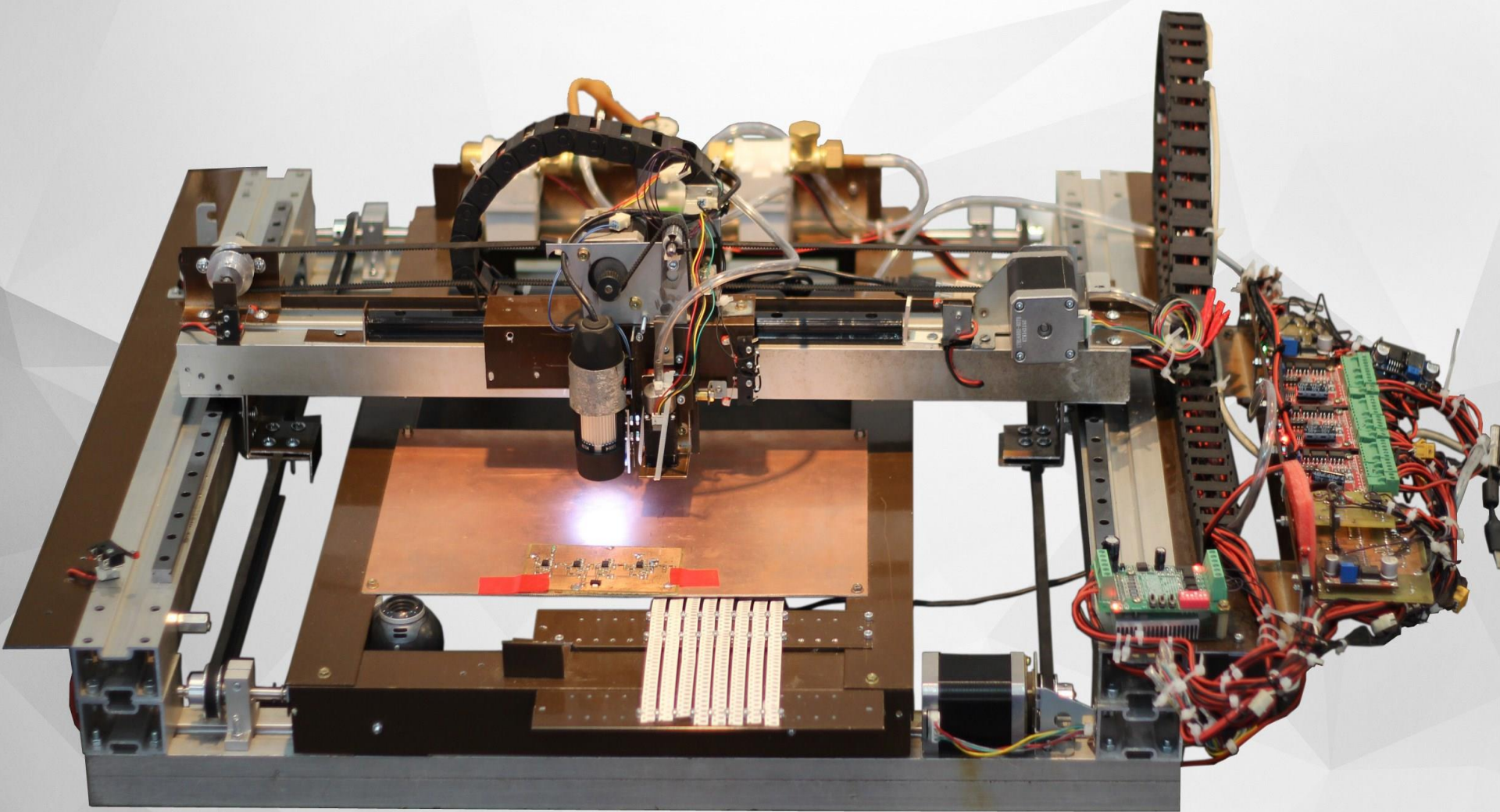
Microscope Computer Vision System

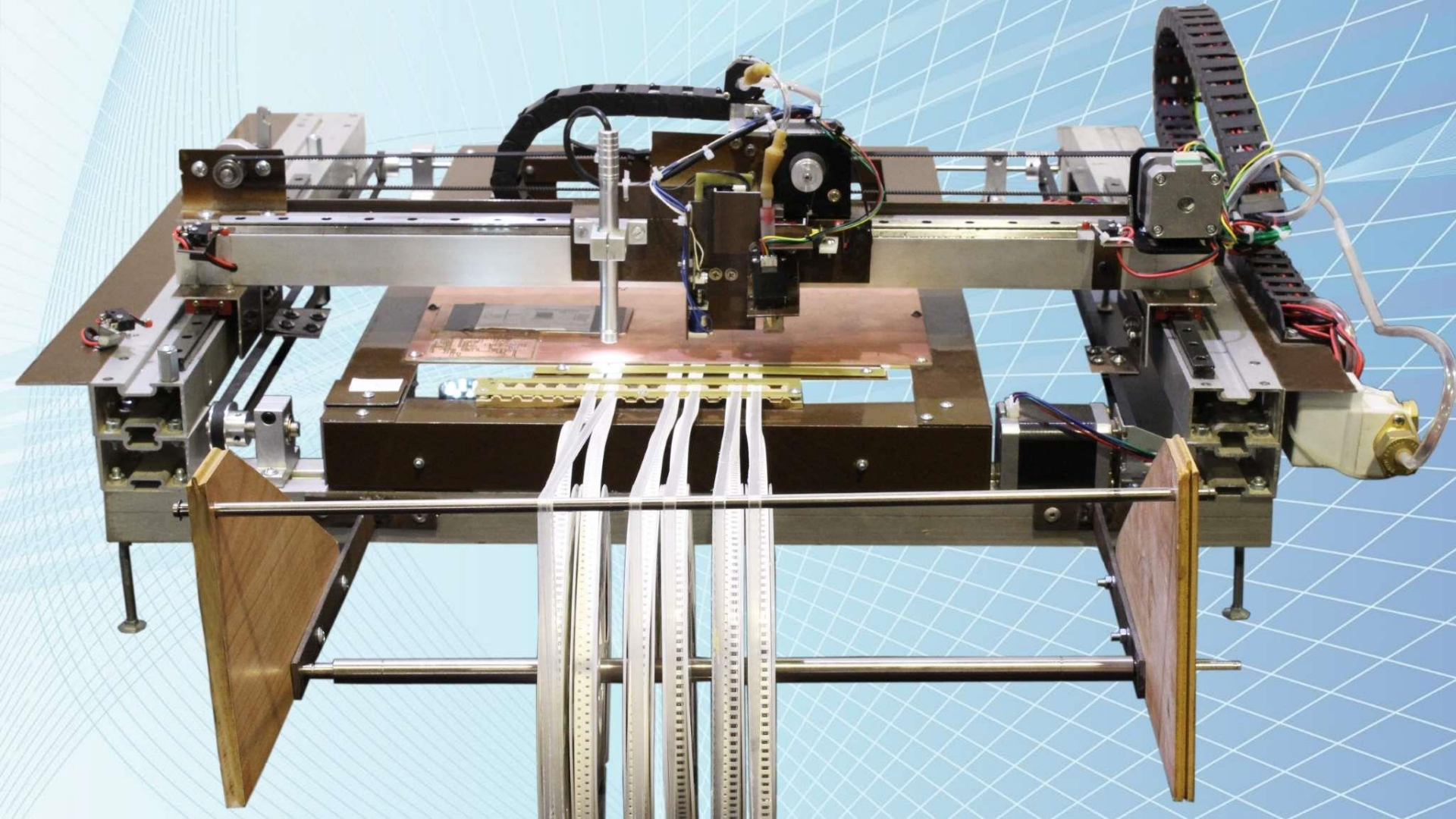
iMachine mode: Normal



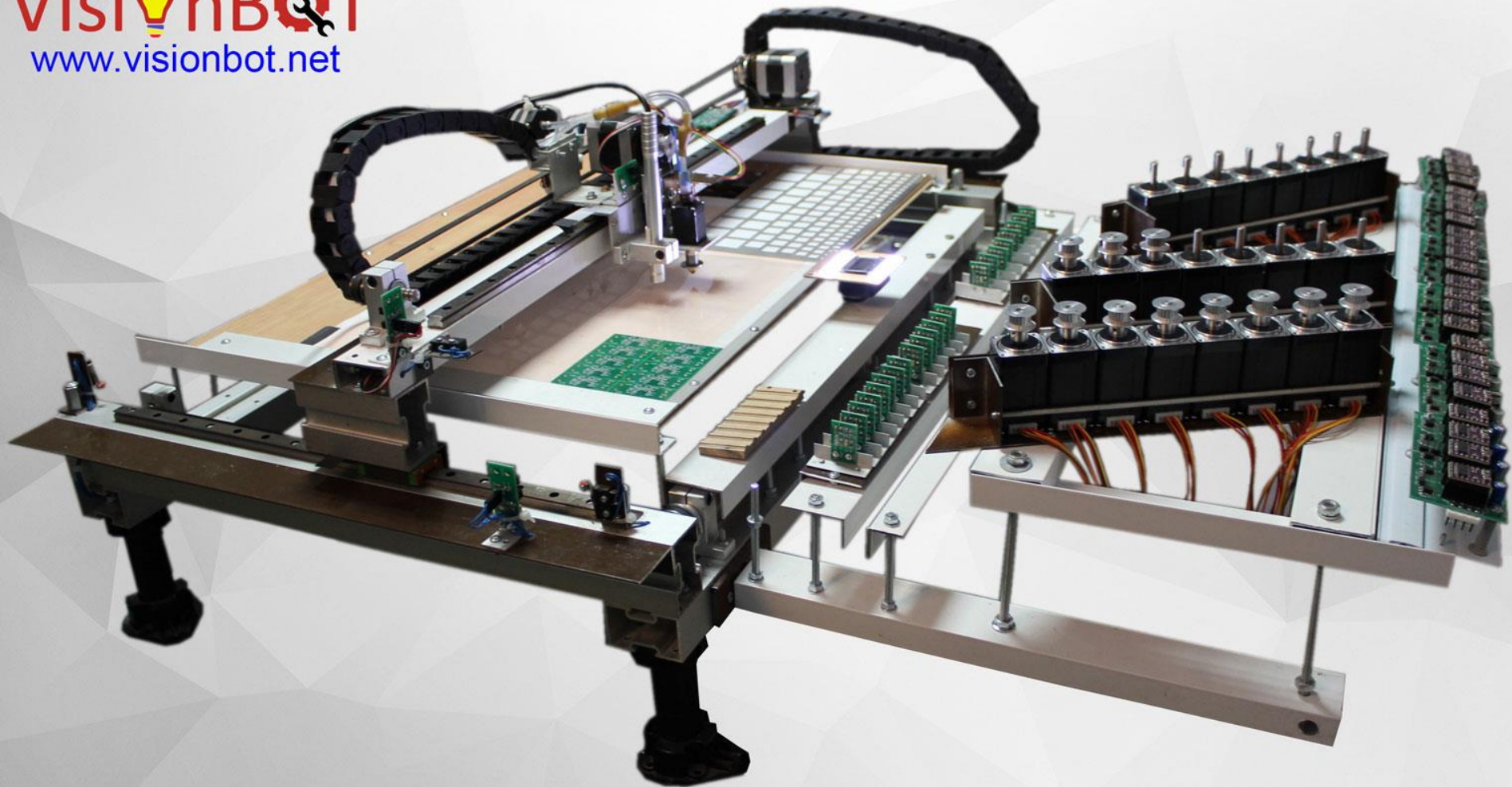


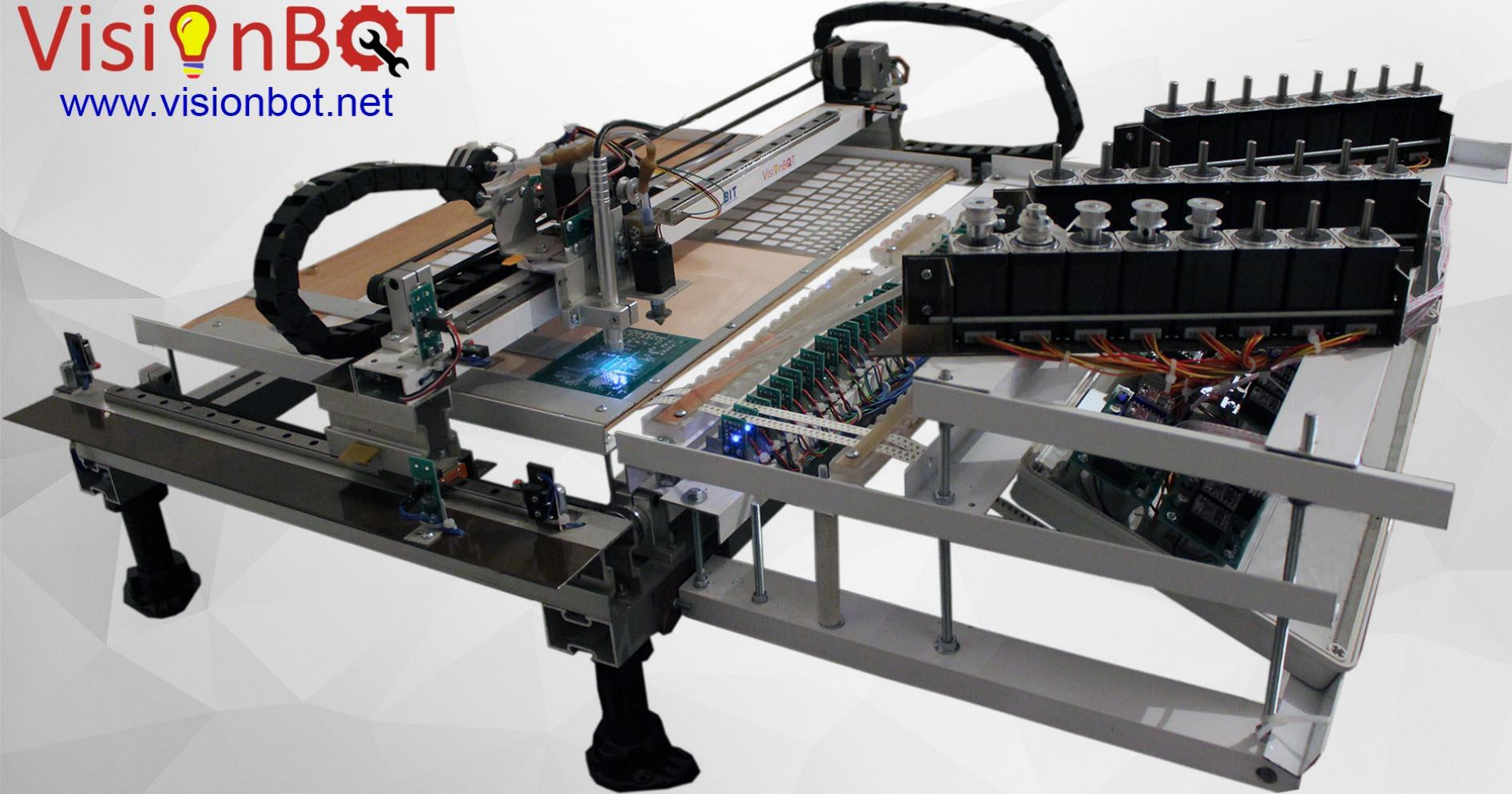


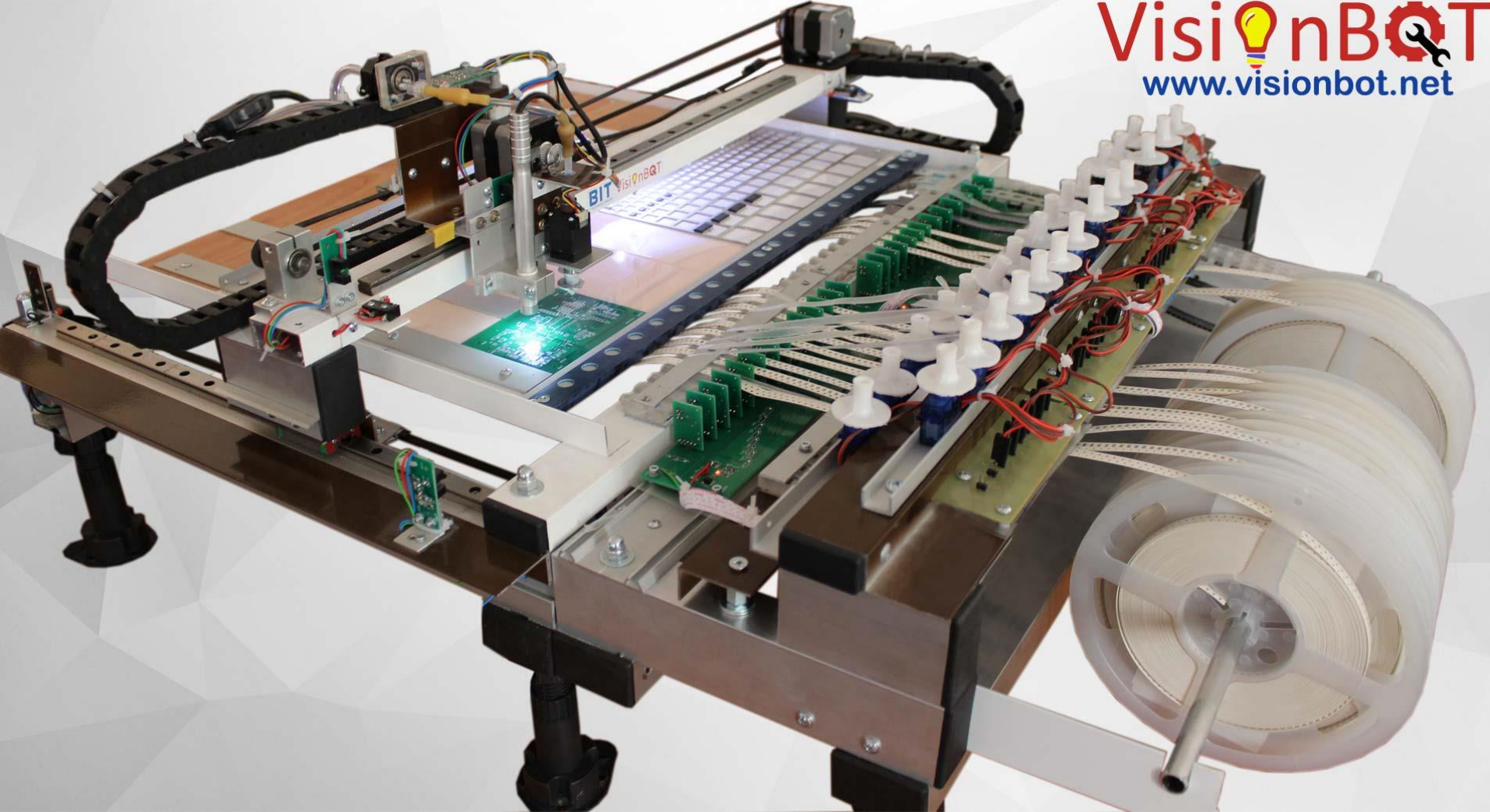


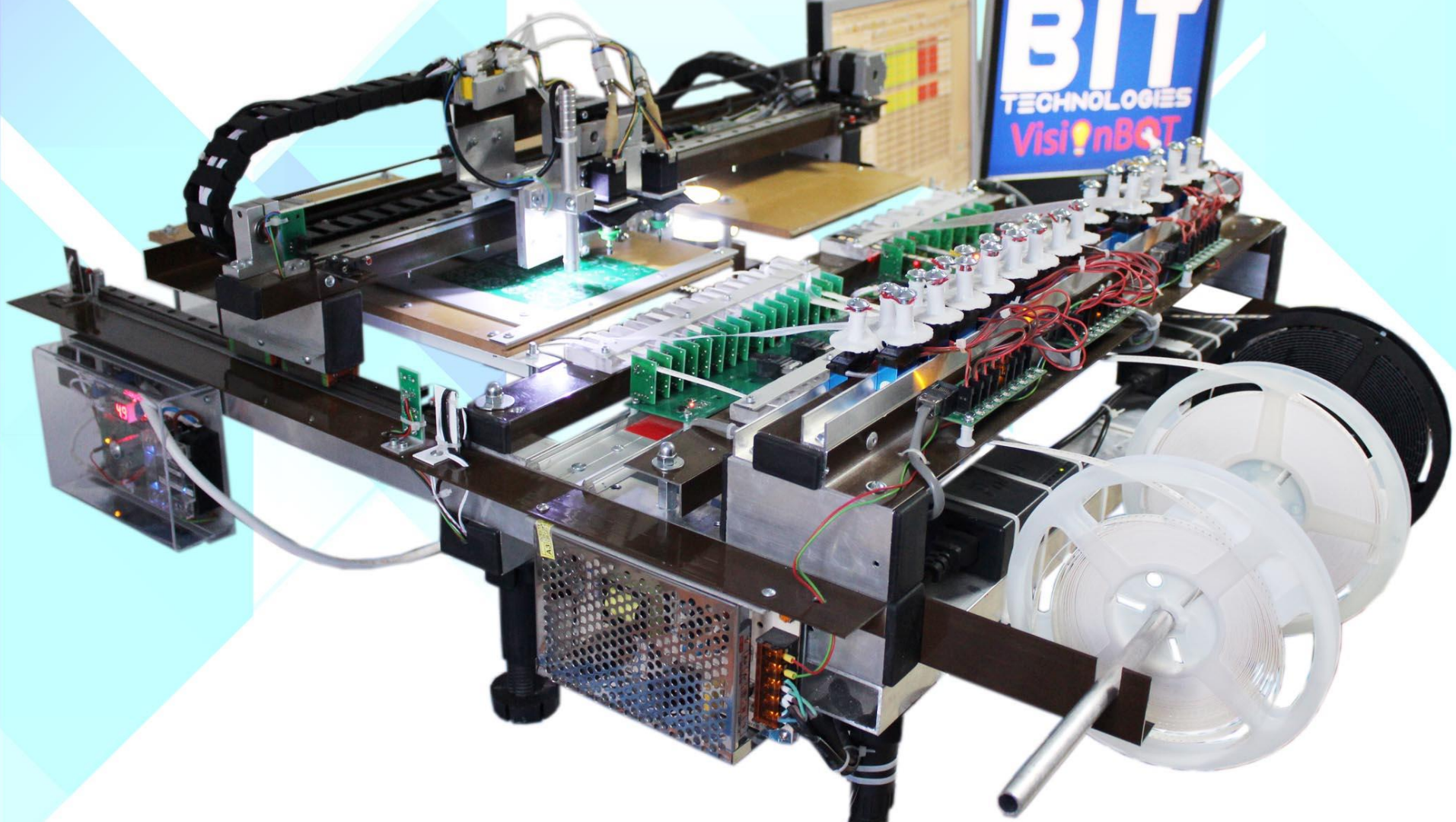


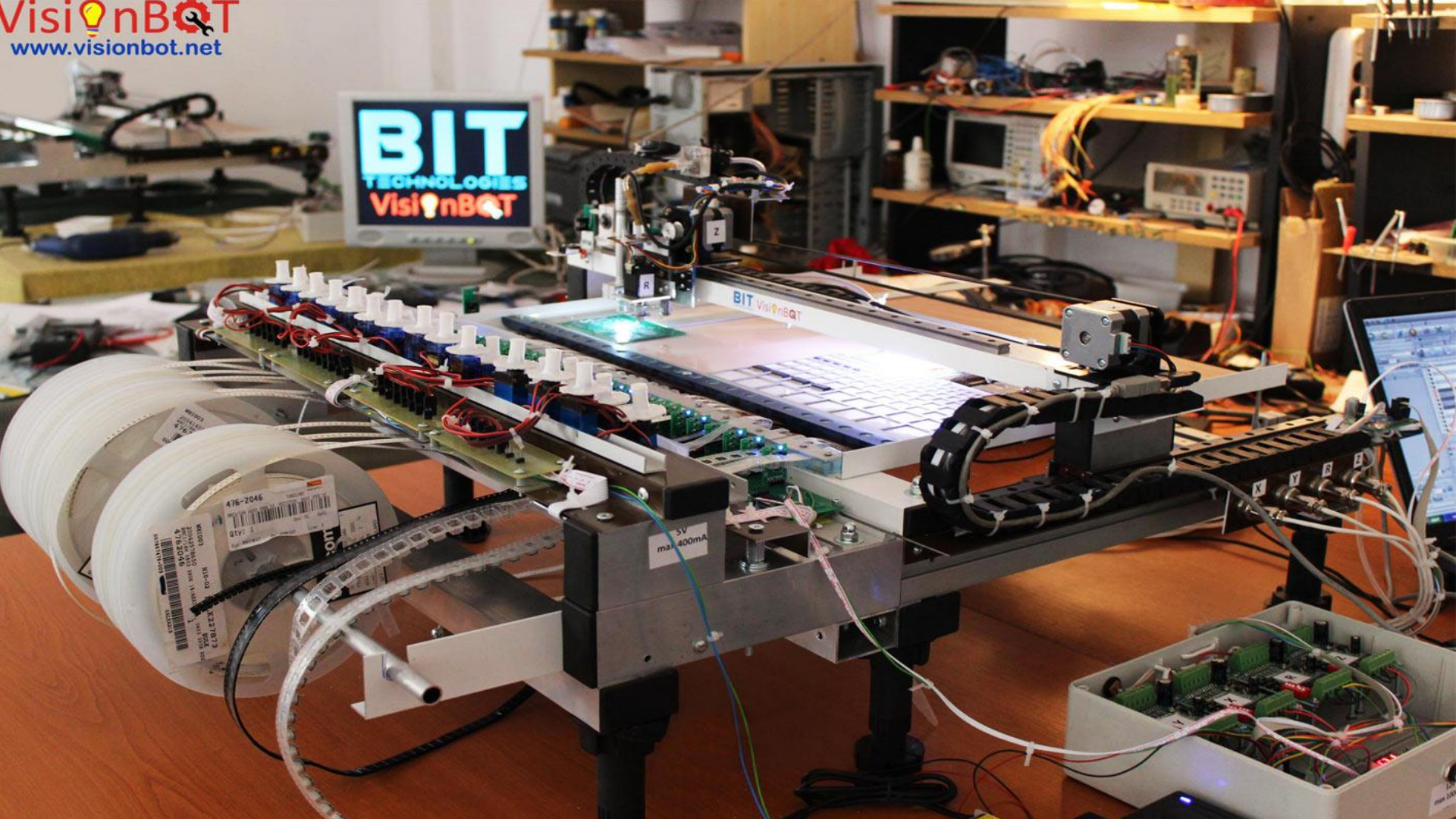












BIT  
TECHNOLOGIES  
VisionBOT

Q. Introduction

PICK AND PLACE MACHINE

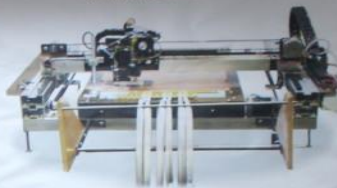
VisionBOT

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PICK AND PLACE MACHINE

VisionBOT

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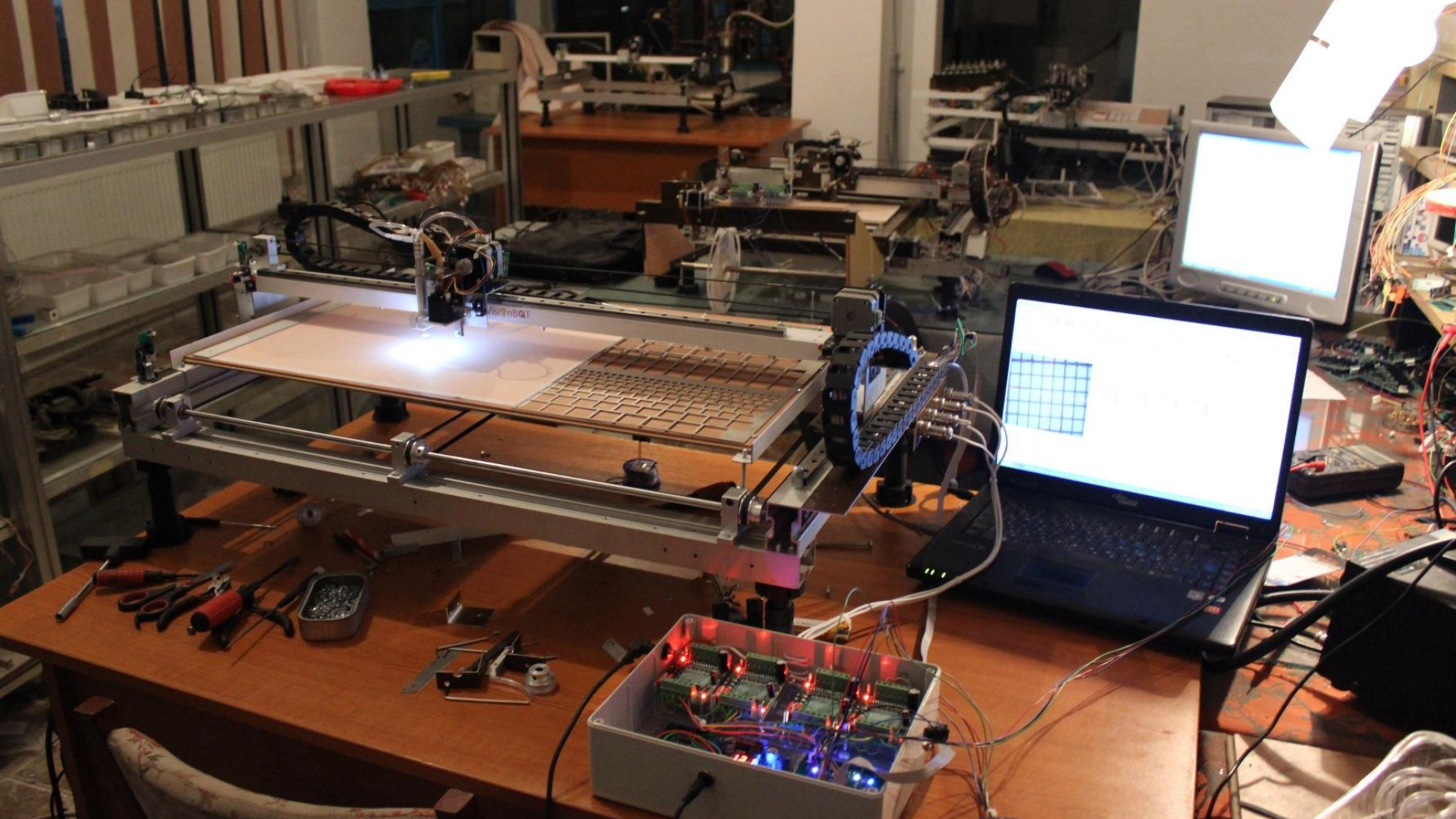
PICK AND PLACE MACHINE

VisionBOT

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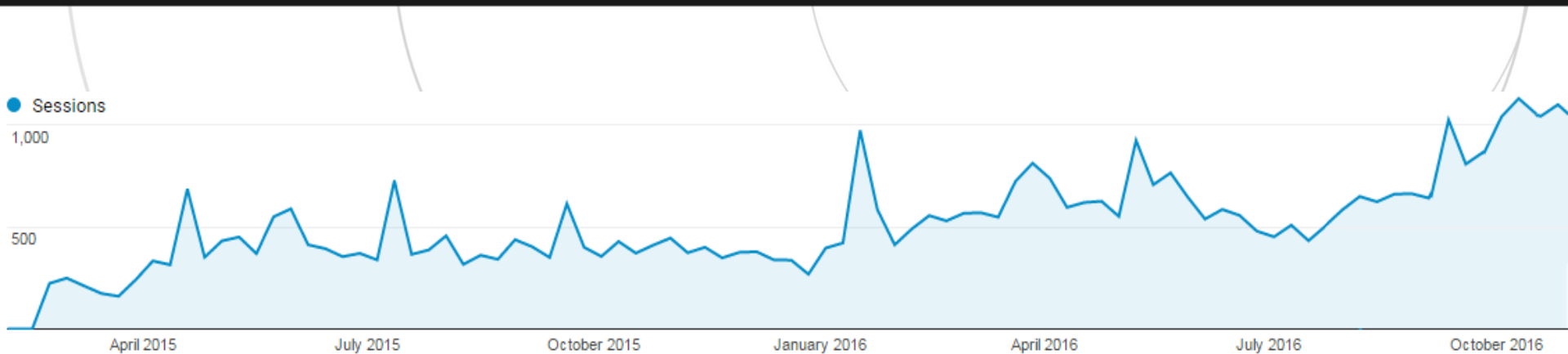
# VisionBOT

- ① Efficient \$2,000 selling price
- ② Advanced Computer Vision - Top & Bottom
- ③ Mounts directly on PCB Carrier Base
- ④ Selects X-axis to Dispense ESD Free
- ⑤ Automatic Feeders
- ⑥ Python Scripting
- ⑦ 1000+ SMD 0603, 0805, 0402, 0201, 0202
- ⑧ Precision 0.1mm - 0.25mm Accuracy, 10000+ CPM

www.visionbot.net

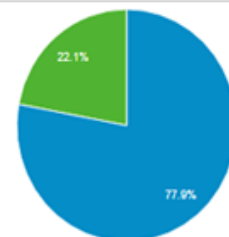
**CUSTOMERS?  
FUNDING?**

# Traffic on **visionbot.net**



Sessions <b>40,507</b>	Users <b>31,531</b>	Pageviews <b>79,858</b>	Pages / Session <b>1.97</b>
Ava. Session Duration <b>00:02:10</b>	Bounce Rate <b>68.30%</b>	% New Sessions <b>77.84%</b>	

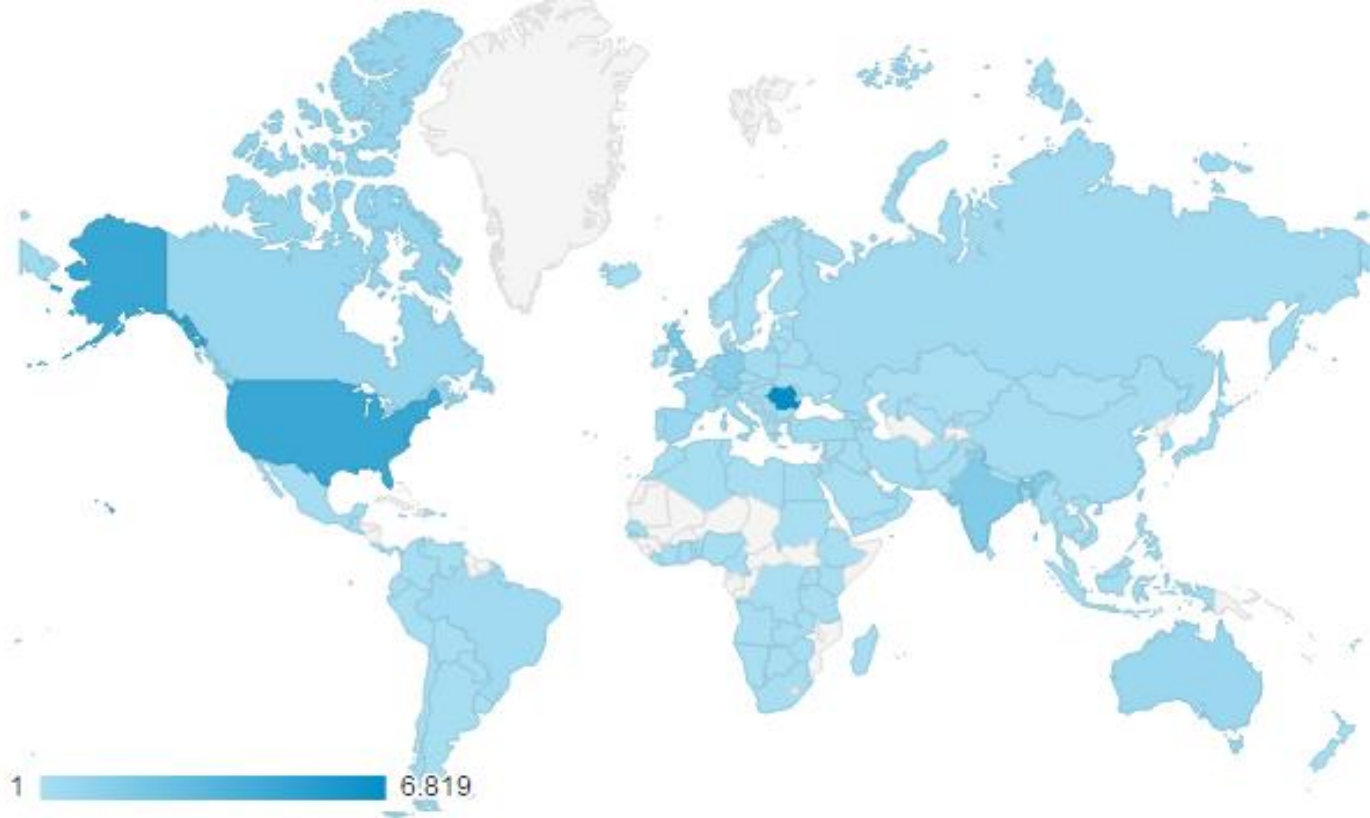
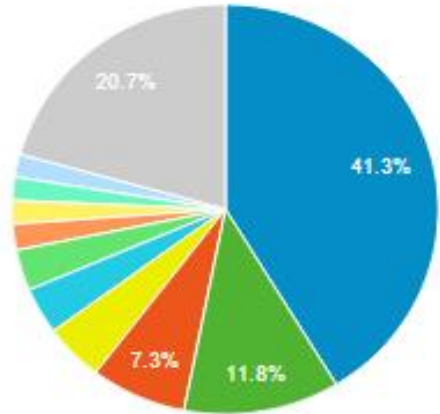
■ New Visitor  
■ Returning Visitor



# SEO

# 180 countries

Sessions ▾

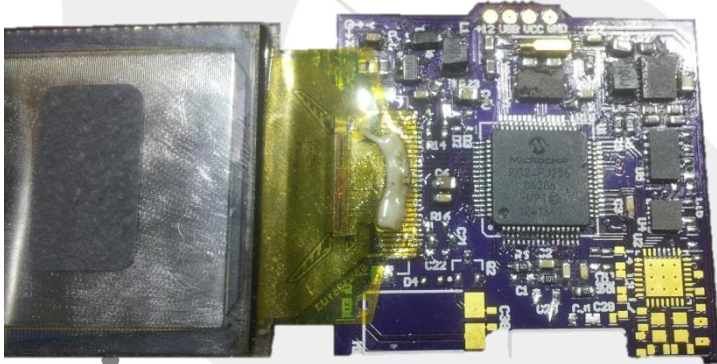
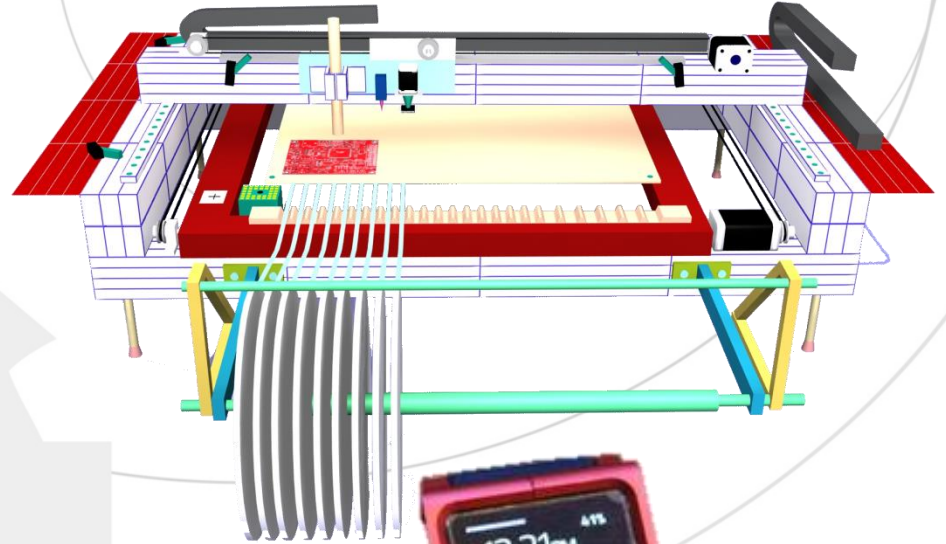
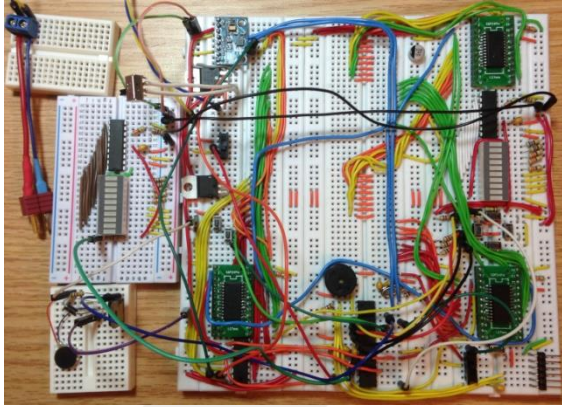


# Traffic on **visionbot.net**

	Sessions ↓	%New Sessions			
	40,507 % of Total: 100.00% (40,507)	77.93% Avg: 77.84% (0.12%)			
1. 🇷🇴 Romania	8,386 (20.70%)	71.79%	17. 🇨🇭 Switzerland	337 (0.83%)	76.26%
2. 🇺🇸 United States	7,930 (19.58%)	82.42%	18. 🇧🇪 Belgium	331 (0.82%)	80.36%
3. 🇬🇧 United Kingdom	2,692 (6.65%)	80.42%	19. 🇦🇪 United Arab Emirates	324 (0.80%)	99.69%
4. 🇮🇳 India	2,570 (6.34%)	82.80%	20. 🇸🇪 Sweden	304 (0.75%)	80.92%
5. 🇩🇪 Germany	2,134 (5.27%)	77.46%	21. 🇨🇳 China	285 (0.70%)	75.44%
6. 🇨🇦 Canada	1,187 (2.93%)	83.74%	22. 🇦🇹 Austria	271 (0.67%)	80.07%
7. 🇫🇷 France	1,062 (2.62%)	78.25%	23. 🇵🇹 Portugal	268 (0.66%)	77.99%
8. 🇦🇺 Australia	1,004 (2.48%)	57.07%	24. 🇲🇽 Mexico	255 (0.63%)	90.59%
9. 🇮🇹 Italy	915 (2.26%)	76.50%	25. 🇩🇰 Denmark	246 (0.61%)	82.93%
10. 🇪🇸 Spain	841 (2.08%)	79.31%	26. 🇬🇷 Greece	218 (0.54%)	61.47%
11. 🇳🇱 Netherlands	737 (1.82%)	83.85%	27. 🇰🇷 South Korea	217 (0.54%)	62.21%
12. 🇧🇷 Brazil	594 (1.47%)	88.22%	28. 🇫🇮 Finland	210 (0.52%)	90.48%
13. 🇷🇺 Russia	490 (1.21%)	75.10%	29. 🇿🇦 South Africa	209 (0.52%)	85.65%
14. 🇯🇵 Japan	392 (0.97%)	76.53%	⋮	⋮	⋮
15. 🇵🇱 Poland	377 (0.93%)	82.49%	154. 🇹🇬 Togo	1 (0.00%)	100.00%
16. 🇮🇱 Israel	355 (0.88%)	75.21%	155. 🇻🇪 Yemen	1 (0.00%)	100.00%

# Prototype -> Product

VisionBOT



50 units /  
hour

**500 emails from  
potential  
customers #SEO**



**webdollar.io**



First Blockchain directly in Browser





 **BITCOIN: DIGITAL CURRENCY**



**WEBDOLLAR: INTERNET CURRENCY**

# BITCOIN

```
C:\Windows\system32\cmd.exe
bfgminer version 3.9.0 - Started: [2014-02-05 22:06:11] - [ 0 days 01:13:14]
[Manage devices [P]ool management [S]ettings [D]isplay options [H]elp [Q]uit
Connected to stratum.mining.eligius.st diff 0 with stratum as user
Block: ...351ad6ca #284353 Diff:2.62G (18.770h/s) Started: [23:19:17]
ST:2 F:0 NB:6 AS:1 BU:[379/ 34 B/s] E:6.06 1:42.04MB/hrs BS:18k
2 ! 5.22/ 5.23/ 5.10Gh/s ! A:934 R:0+0(none) HW:273/5.0%

BPM 0: ! 2.62/ 2.62/ 2.53Gh/s ! A:462 R:0+0(none) HW:131/4.8%
BPM 1: ! 2.61/ 2.61/ 2.57Gh/s ! A:473 R:0+0(none) HW:131/4.8%

[2014-02-05 23:18:15] Accepted 0db5002f BPM 1 pool 0 Diff 1
[2014-02-05 23:18:16] Accepted 01ae6346 BPM 1 pool 0 Diff 1
[2014-02-05 23:18:17] Accepted 124b4788 BPM 0 pool 0 Diff 1
[2014-02-05 23:18:19] Accepted 0753feba BPM 1 pool 0 Diff 3
[2014-02-05 23:18:25] Accepted 0883c981 BPM 0 pool 0 Diff 3
[2014-02-05 23:18:25] Accepted 1a5afe9b BPM 1 pool 0 Diff 9/8
[2014-02-05 23:18:34] Accepted 0bdce6eb BPM 0 pool 0 Diff 24/8
[2014-02-05 23:18:39] Stratum from pool 0 requested work update
[2014-02-05 23:18:50] Accepted 09d34db2 BPM 0 pool 0 Diff 26/8
[2014-02-05 23:18:54] Accepted 133f4509 BPM 0 pool 0 Diff 13/8
[2014-02-05 23:18:54] Accepted 1b84d041 BPM 1 pool 0 Diff 9/8
[2014-02-05 23:19:09] Stratum from pool 0 requested work update
[2014-02-05 23:19:12] Accepted 1c580e1c BPM 1 pool 0 Diff 9/8
[2014-02-05 23:19:17] Stratum from pool 0 detected new block
[2014-02-05 23:19:25] Accepted 1f20fd4c BPM 0 pool 0 Diff 8/8
```

```
cgminer version 3.1.1 - Started: [2013-05-25 03:53:50]
(5s):540.7K (avg):552.8Kh/s ! A:0 R:1 HW:0 U:0.0/m WU:471.7/m
ST: 3 SS: 0 NB: 3 LW: 0 GF: 0 RF: 0
Connected to localhost diff 512 without LP as user odd
Block: d606f4e63049e4be... Diff:512 Started: [03:54:21] Best share: 1.57K

[P]ool management [G]PU management [S]ettings [D]isplay options [Q]uit
GPU 0: 2.0 226 RPM 154.0 508.5Kh/s ! A:0 R:1 HW:0 U:0.00/m I:13

[2013-05-25 03:53:49] Started cgminer 3.1.1
[2013-05-25 03:53:49] Searching for an alive pool
[2013-05-25 03:53:49] Network diff set to 512
[2013-05-25 03:53:49] No suitable long-poll found for http://localhost:9318
[2013-05-25 03:53:50] Network diff set to 512
[2013-05-25 03:53:50] New block detected on network
[2013-05-25 03:54:10] Found block for pool 0!
[2013-05-25 03:54:10] Rejected 0029bid5 Diff 1.57K/512 BLOCK! GPU 0
[2013-05-25 03:54:21] Network diff set to 512
[2013-05-25 03:54:21] New block detected on network
```

# TERMINAL

# INSTALLATION

# 200GB



# Wallet in Browser

YOUR WALLET IS STORED IN BROWSER



## Peer-to-Peer Network



MINE NOW in Browser



WEBD Wallets: 3

WEBD\_CD0681951FDE

\$ 350.5 WEB

Send Money

Settings

WEBD\_E130E95A7671

\$ 20.0 WEB

Send Money

Settings

WEBD\_4DA58D73DF63

\$ 5.0 WEB

Send Money

Settings

Add New Address

Google

Map data ©2017 Google, INEGI | Terms of Use

# MINE NOW in Browser



2609h/s

best: 00073c2dea995af3d7b42951da9e7e0aa20b6932c351d4e28cbb8c32fb4b3431

**0.1293292 WEBD**



Threads: 13





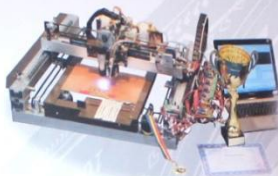
**webdollar.io**



beta live

**BIT**  
TECHNOLOGIES  
VisionBOT

Step by step tutorials



PICK AND PLACE MACHINE

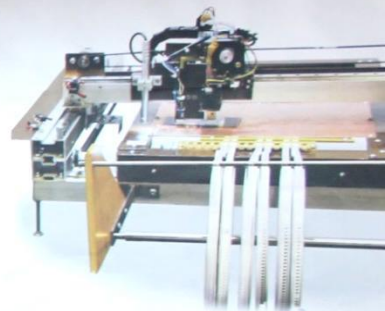
VisionBOT

Using VisionBot Pick and Place  
millions of electrical engineers,  
inventors, makers, European  
entrepreneurs can make their  
Internet of things devices

PICK AND PLACE MACHINE

VisionBOT

[www.visionbot.net](http://www.visionbot.net)



2016

**LET'S TALK**