

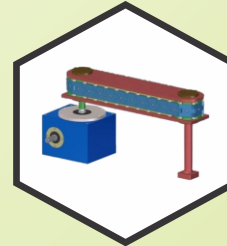
## ARTIFICIAL INTELLIGENT MACHINES INDUSTRIAL SPM AUTOMATION



SPL. PURPOSE MACHINES



SPIN RIVETING MACHINE



CAM INDEX, CONVEYOR



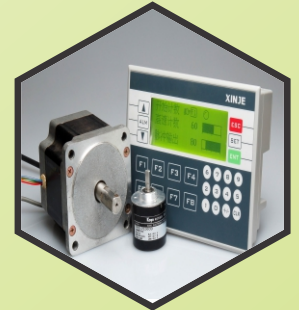
HYDRO PNEUMATIC



DRILLING & TAPPING

### AN ULTIMATE COMBINATION OF KNOWLEDGE, SKILLS AND EXPERIENCE TO YOUR NEEDS

1. SPIN RIVETING MACHINES
2. HYDRO PNEUMATIC PRESS
3. SAFETY LIGHT CURTAINS AND ROBOTIC CELLS
4. AUTO DRILLING AND TAPPING SYSTEMS
5. WELDING MACHINES CUSTOMIZED
6. METAL CUTTING AND FORMING
7. PUNCHING AND NUMBER MARKING
8. ARTIFICIAL INTELLIGENT MACHINES
9. PLC, HMI, PENAL AND ELECTICALS
10. PICK AND PLACE UNITS, SCREWING SOLUTIONS
11. CRIMPING AND SPM WITH AUTO UNLOADING
12. VISION INSPECTION & TRACEABILITY SYSTEMS
13. SPM TO INCREASE PRODUCTIVITY & PROFITABILITY
14. SINGLE AND DUAL AUTOMATION SYSTEMS
15. SPECIAL PURPOSE MACHINES TO SAVE TIME, SPACE, MONEY AND MANPOWER AS PER CUSTOMER REQUIREMENTS



PLC, HMI, DRIVES



SPM with Spin Riveting, Fixtures  
Cam Index, PLC & Auto Unloading



SPM with Hydro Pumatic Press,  
Cam Index, PLC & Auto Unloading

हम आपकी जरूरत के हिसाब से मशीन बनाते हैं।

### SPIN RIVETING MACHINE

(Energy Saving)



Models	Riveting capacity (M.S.38 Kg/mm <sup>2</sup> U.T.S.)	Throat- depth	Shut height (Max)	Stroke- adjustable	Cycle time adjustable	Over all dimension (mm)	Motor 3 Ph 415 V	Air pressure
Model-600	6 mm	110 mm	180 mm	0-30 mm	0-9.9 Sec.	470x400x890	0.5 HP (0.37 Kw)	3-7 Kg/cm <sup>2</sup>
Model-1000	10 mm	140 mm	225 mm	0-45 mm	0-9.9 Sec.	570x525x1100	1 HP (0.75 Kw)	3-7 Kg/cm <sup>2</sup>
Model-1200 Hydraulic	12 mm	200 mm	280 mm	0-45 mm	0-9.9 Sec.	625x585x1325	1.5 HP (1.2 Kw)	3-7 Kg/cm <sup>2</sup>
Model-1600	16 mm	225 mm	220 mm	0-45 mm	0-9.9 Sec.	540x615x1375	6.0 HP (4.5 Kw) Including Power Pack	0-80 Kg/cm <sup>2</sup> (Hydraulic Pressure)



## INDUSTRIAL SYSTEMS

Factory : Village-Sehrala, Saapan, Palwal-121 102 (Haryana) India

Phone : 9654275276, 9311275276

E-mail : [indsys@live.in](mailto:indsys@live.in), [indsysdc@gmail.com](mailto:indsysdc@gmail.com), [industrialspm@gmail.com](mailto:industrialspm@gmail.com)

Web : [www.industrialspm.in](http://www.industrialspm.in)

**HYDRO PNEUMATIC PRESSES & PNEUMATIC PRESSES**



4 Pillar Press



2 Pillar Press



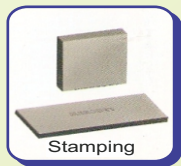
C Frame



Digital Control Panel

हम आपकी जरूरत के हिसाब से मशीन बनाते हैं।

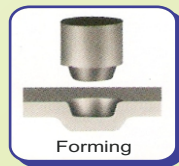
Types	2 Pillar, 4 Pillar, C Frame
Tonnage	2, 4, 5,8,10, 15, 30
Approach (mm)	50, 75, 100, 150
Power Stroke (mm)	6, 12, 24



Stamping



Clamping



Forming



Straightening



Blanking



Riveting

**FEATURES**

- ❖ Compact & Light Weight – Can be mounted on existing work benches without any foundation.
- ❖ Energy saving due to Low Air Consumption – 50% to 60% saving over equivalent Hydraulic & Pneumatic
- ❖ High Speed – 2T @ 70 cycles / min, (CPM), 4T @ 50 CPM, 8T @ 40 CPM, 15T & 30T @ 20 CPM
- ❖ Easy Oil Filling – Oil can be filled by just opening the Oil Cover & Oil Plug
- ❖ Cost Efficient.- Upto 50-60% cheaper than Hydraulic Presses.
- ❖ Force & Speed can be varied infinitely
- ❖ Absolute Air / Oil separation for trouble free operation

**SELF FEEDING TAPPING & DRILLING MACHINES**



Dual Tapping



Single Tapping



Single Drilling



Drilling & Tapping SPM,  
Cam Index, PLC & Auto Unloading



Dual Drilling & Tapping SPM,  
Cam Index, PLC & Auto Unloading

**Models for HAND PROTECTION**

(For 12 - 24 V DC supply)

Covered Range: 300 - 3000 mm, PNP output, LED indication & Chanel By-Pass for each beam,

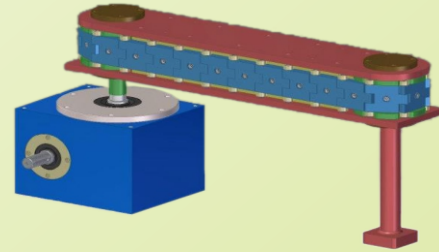
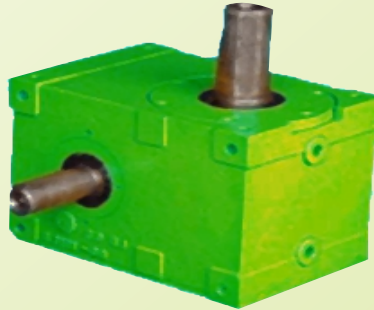
Protected Height mm	Parallel Beam		Cross Beam		Pitch mm	Overall Height mm
	Models	No of Beams	Models	No of Beams		
280	LC 0840	8	LX 0840	22	40	365
350	LC 0850	8	LX 0850	22	50	435
270	LC 1030	10	LX 1030	28	30	360
360	LC 1040	10	LX 1040	28	40	450
450	LC 1050	10	LX 1050	28	50	540
450	LC 1630	16	LX 1630	46	30	530
600	LC 1640	16	LX 1640	46	40	685
750	LC 1650	16	LX 1650	46	50	835
890	LC 2430	24	LX 2430	70	30	770
920	LC 2440	24	LX 2440	70	40	1005
1150	LC 2450	24	LX 2450	70	50	1235

**Safety Light Curtains Finger Protector & Robotic Cell Protection**

## CAM INDEXING ROTARY TABLE

The Ultimate combination of speed, load & accuracy

**ARTIFICIAL INTELLIGENT MACHINES**

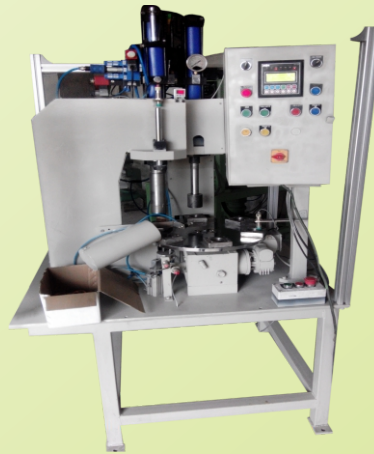


**MODELS**

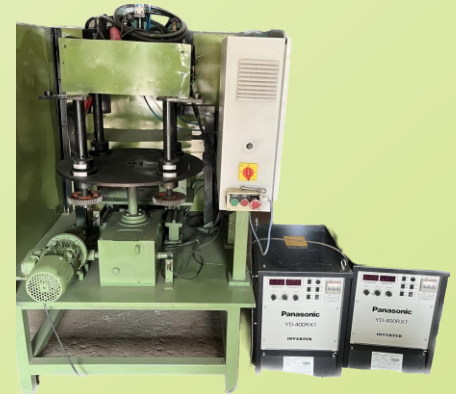
- ISD-65
- ISD-80
- ISD-100
- ISD-150
- ISD-200
- ISD-250
- ISD-300
- ISD-350



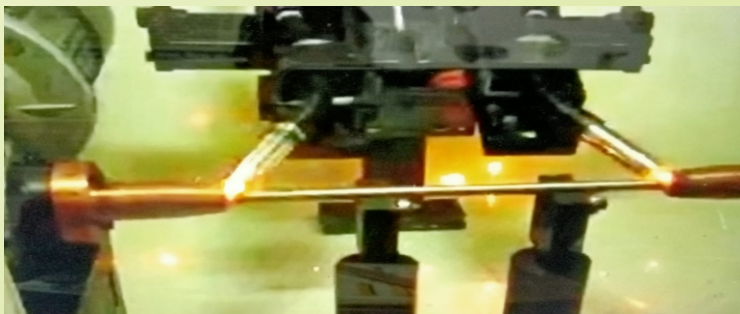
**Drilling & Chamfering SPM with Cam Index, PLC & Auto Unloading**



**Crimping Dual Head SPM with Cam Index, PLC & Auto Unloading**



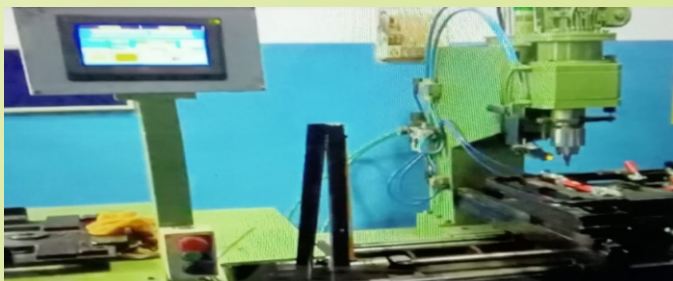
**Dual Head Welding Spm With Cam Index, Plc & Auto Indexing**



**ROTARY WELDING SPM FOR TWO WELDING**



**XYZ TAPPING MACHINE**



**XYZ RIVETING SPM**

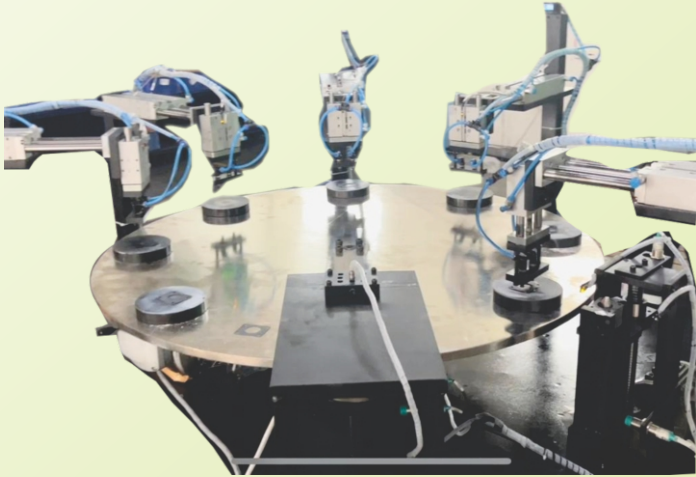


**AUTO VISION INSPECTION SPM**

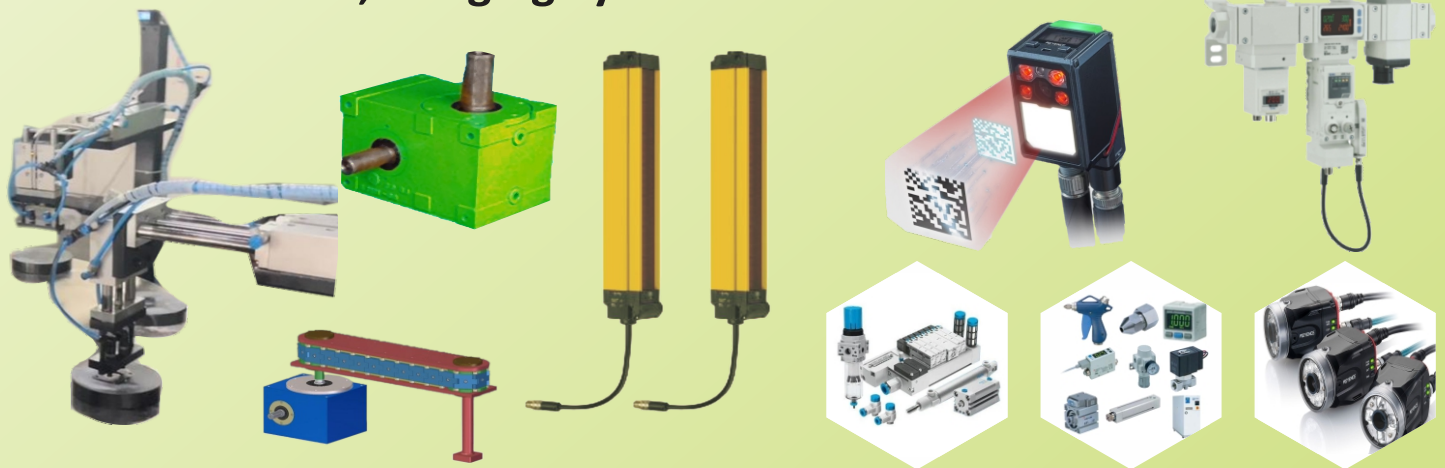


## ARTIFICIAL INTELLIGENT MACHINES

### CUSTOMIZED SPM AS PER THE REQUIREMENT OF THE CUSTOMERS



**Rotary Load Testing Machine With Cam Index PLC,  
HMI, Gauging System & Pick & Place Units**



**ASSOCIATION WITH KEYENCE FESTO SMC & OTHER REPUTED BRANDS**



**SOME SWEET MEMORIES OF INDUSTRIAL TRADE FAIRS**