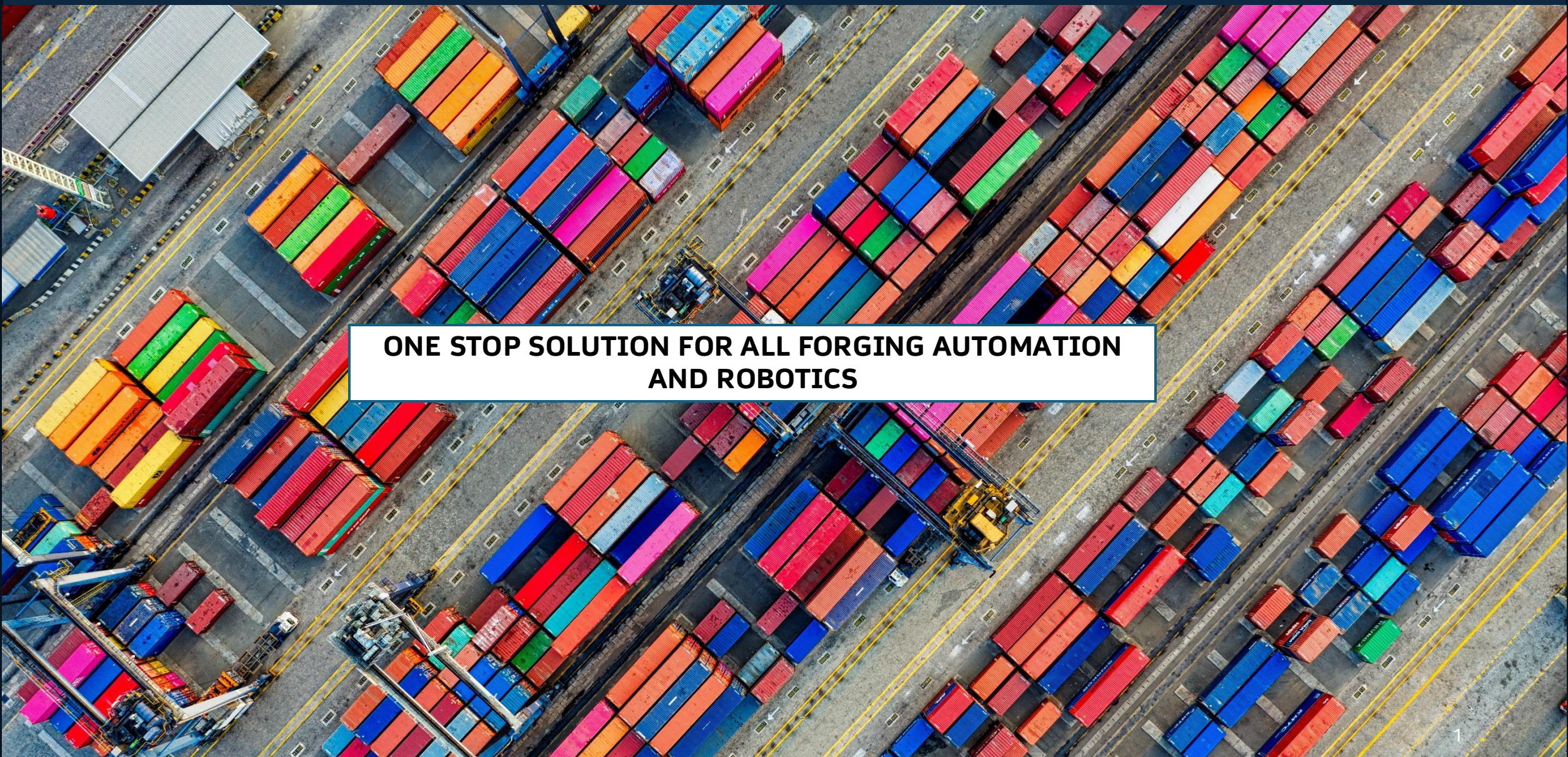




**ONE STOP SOLUTION FOR ALL FORGING AUTOMATION
AND ROBOTICS**

COMPANY PROFILE

- Raghavendar tech excellence Pvt ltd is setup in 2017 and we have been developing machine 100% custom built to meet customer demands and applications.
- We have a manufacturing factory situated in Indore, central India
- We just not designing and making machines but offers a complete technology solution like tooling, gauges, inbuild process controls and software, handling and robotic solution, hydraulics & automations as a complete solution with our expertise.
- We have developed several machines which are unique first time ever built. We collaborated with a technically sound company for the automation and robotic solution in the field of forgings.

CUSTOMERS LIST



WELSPUN



Dare to Commit

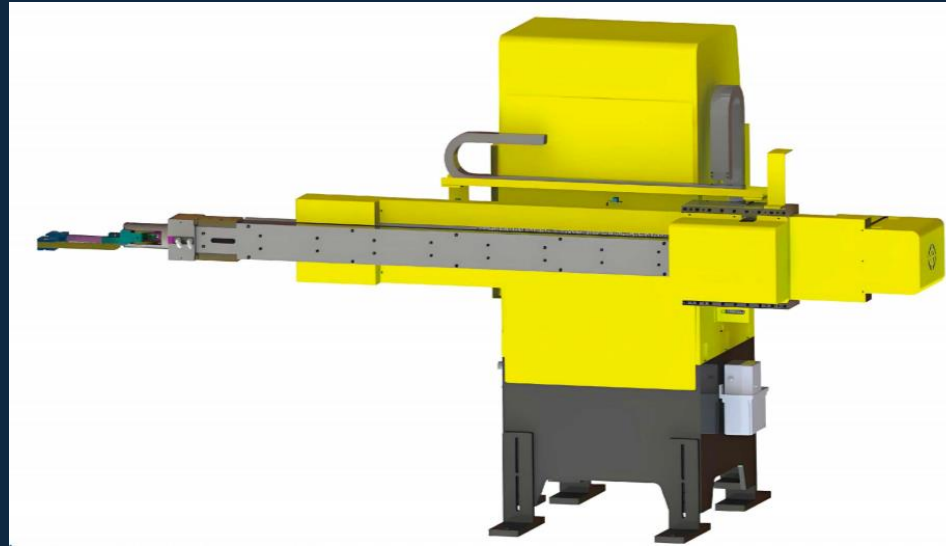


MACK SPRINGS
An ISO / TS 16949: 2009 Co.

....AND MANY MORE

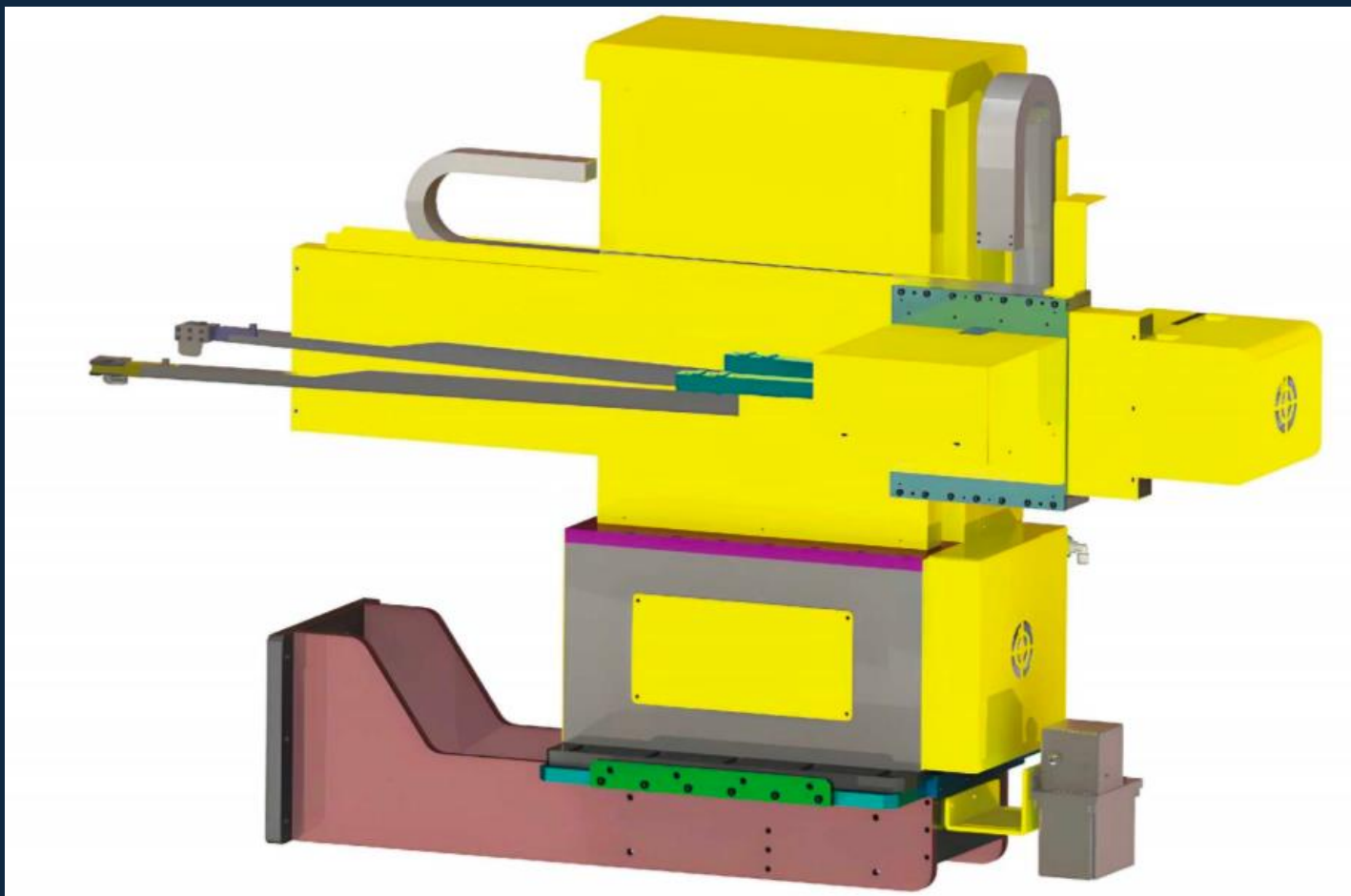
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TWO AXIS COORDINATE FORGING MANIPULATOR-TYPE A



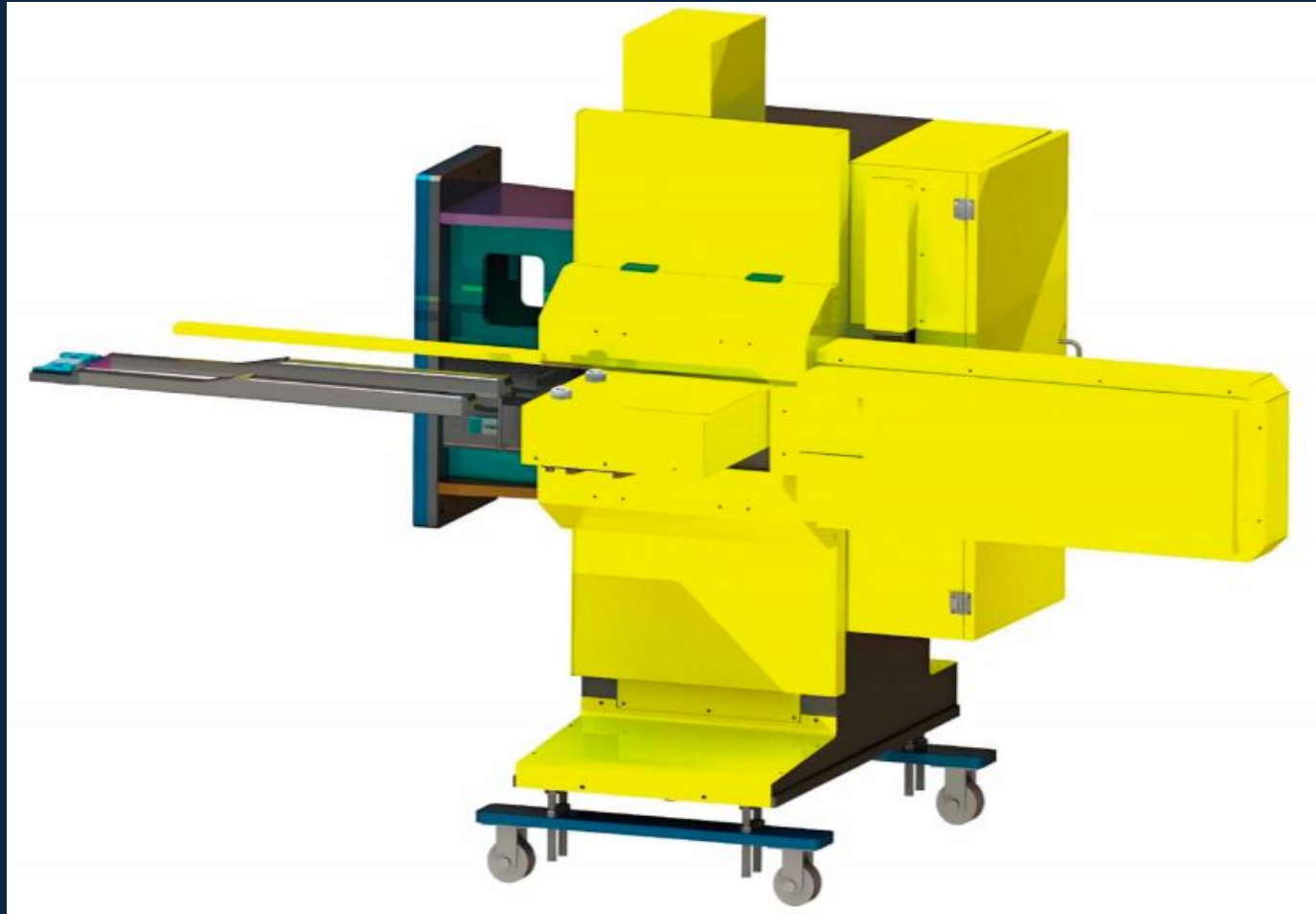
MODEL	JL-B2-A12	JL-B2-A25	JL-B2-A35	JL-B2-A50	JL-B2-A80
STROKE	VARIABLE	VARIABLE	VARIABLE	VARIABLE	VARIABLE
LOAD CAPACITY	12 Kg	25 Kg	35 Kg	50 Kg	80 Kg
NO OF AXIS	2	2	2	2	2
REPEATABILITY	+/-0.1MM	+/-0.1MM	+/-0.1MM	+/-0.1MM	+/-0.1MM
CLAMP METHOD	PNEUMATIC	PNEUMATIC	PNEUMATIC	PNEUMATIC	PNEUMATIC
PRESSURE REQUIREMENT	4-6 BAR	4-6 BAR	4-6 BAR	4-6 BAR	4-6 BAR
PROGRAMMING INTERFACE	ENGLISH TOUCH SCREEN	ENGLISH TOUCH SCREEN	ENGLISH TOUCH SCREEN	ENGLISH TOUCH SCREEN	ENGLISH TOUCH SCREEN
INPUT POWER SUPPLY	AC 415V/50HZ	AC 415V/50HZ	AC 415V/50HZ	AC 415V/50HZ	AC 415V/50HZ
WORK EFFICIENCY	MAX 25 C/MIN	MAX 22 C/MIN	MAX 22 C/MIN	MAX 20 C/MIN	MAX 18 C/MIN
POWER	4 KW	6 KW	8 KW	10 KW	12 KW
AMBIENT TEMP	0~50 DEG C	0~50 DEG C	0~50 DEG C	0~50 DEG C	0~50 DEG C
INSTALLATION METHOD	FLOOR	FLOOR	FLOOR	FLOOR	FLOOR

TWO AXIS COORDINATE FORGING MANIPULATOR-TYPE AB



MODEL	JL-B2-AB25
STROKE	VARIABLE
LOAD CAPACITY	25 Kg
NO OF AXIS	2
REPEATABILITY	+/-0.1MM
CLAMP METHOD	PNEUMATIC
PRESSURE REQUIREMENT	4-6 BAR
PROGRAMMING INTERFACE	ENGLISH TOUCH SCREEN
INPUT POWER SUPPLY	AC 415V/50HZ
WORK EFFICIENCY	MAX 22 C/MIN
POWER	6 KW
AMBIENT TEMP	0~50 DEG C
INSTALLATION METHOD	FLOOR

TWO AXIS COORDINATE FORGING MANIPULATOR-TYPE AG



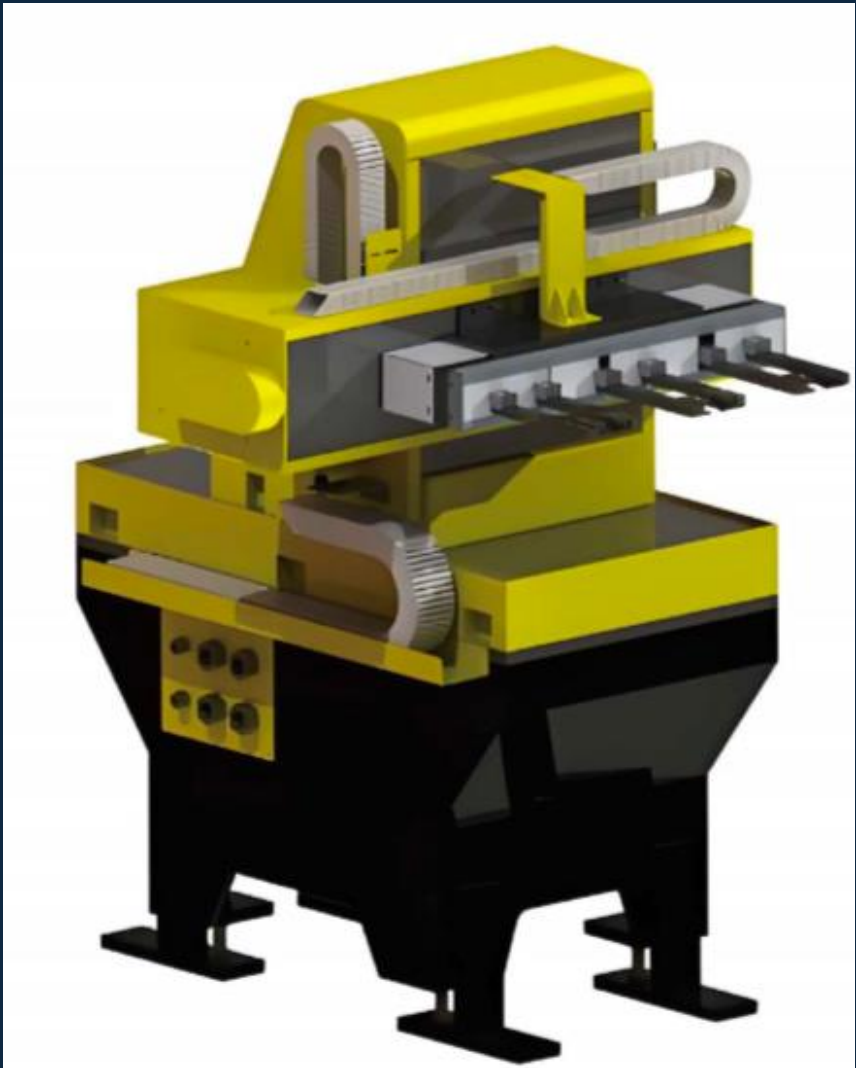
MODEL	JL-B2-AG25
STROKE	VARIABLE
LOAD CAPACITY	25 Kg
NO OF AXIS	2
REPEATABILITY	+/-0.1MM
CLAMP METHOD	PNEUMATIC
PRESSURE REQUIREMENT	4-6 BAR
PROGRAMMING INTERFACE	ENGLISH TOUCH SCREEN
INPUT POWER SUPPLY	AC 415V/50HZ
WORK EFFICIENCY	MAX 22 C/MIN
POWER	6 KW
AMBIENT TEMP	0~50 DEG C
INSTALLATION METHOD	FLOOR

THREE AXIS COORDINATE FORGING MANIPULATOR-TYPE A



MODEL	JL-B3-A12	JL-B3-A25	JL-B3-A35	JL-B3-A50	JL-B3-A80
STROKE	VARIABLE	VARIABLE	VARIABLE	VARIABLE	VARIABLE
LOAD CAPACITY	12 Kg	25 Kg	35 Kg	50 Kg	80 Kg
NO OF AXIS	3	3	3	3	3
REPEATABILITY	+/-0.1MM	+/-0.1MM	+/-0.1MM	+/-0.1MM	+/-0.1MM
CLAMP METHOD	PNEUMATIC	PNEUMATIC	PNEUMATIC	PNEUMATIC	PNEUMATIC
PRESSURE REQUIREMENT	4-6 BAR	4-6 BAR	4-6 BAR	4-6 BAR	4-6 BAR
PROGRAMMING INTERFACE	ENGLISH TOUCH SCREEN	ENGLISH TOUCH SCREEN	ENGLISH TOUCH SCREEN	ENGLISH TOUCH SCREEN	ENGLISH TOUCH SCREEN
INPUT POWER SUPPLY	AC 415V/50HZ	AC 415V/50HZ	AC 415V/50HZ	AC 415V/50HZ	AC 415V/50HZ
WORK EFFICIENCY	MAX 25 C/MIN	MAX 22 C/MIN	MAX 22 C/MIN	MAX 20 C/MIN	MAX 18 C/MIN
POWER	7 KW	9 KW	11 KW	13 KW	17 KW
AMBIENT TEMP	0~50 DEG C	0~50 DEG C	0~50 DEG C	0~50 DEG C	0~50 DEG C
INSTALLATION METHOD	FLOOR	FLOOR	FLOOR	FLOOR	FLOOR

THREE AXIS COORDINATE FORGING MANIPULATOR-TYPE H



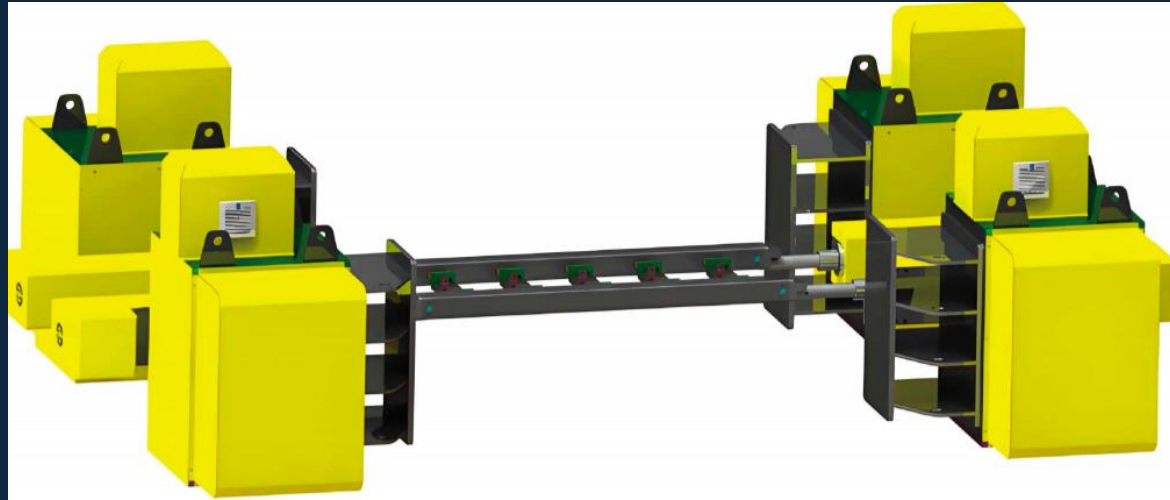
MODEL	JL-SH-A1	JL-SH-A3	JL-SH-A6
STROKE	VARIABLE	VARIABLE	VARIABLE
LOAD CAPACITY	1 Kg	3 Kg	6 Kg
NO OF AXIS	3	3	3
REPEATABILITY	+/-0.1MM	+/-0.1MM	+/-0.1MM
CLAMP METHOD	PNEUMATIC	PNEUMATIC	PNEUMATIC
PRESSURE REQUIREMENT	4-6 BAR	4-6 BAR	4-6 BAR
PROGRAMMING INTERFACE	ENGLISH TOUCH SCREEN	ENGLISH TOUCH SCREEN	ENGLISH TOUCH SCREEN
INPUT POWER SUPPLY	AC 415V/50HZ	AC 415V/50HZ	AC 415V/50HZ
WORK EFFICIENCY	MAX 25 C/MIN	MAX 25 C/MIN	MAX 25 C/MIN
POWER	6 KW	7,5 KW	10.5 KW
AMBIENT TEMP	0~50 DEG C	0~50 DEG C	0~50 DEG C
INSTALLATION METHOD	FLOOR	FLOOR	FLOOR

THREE AXIS COORDINATE FORGING MANIPULATOR-TYPE S



MODEL	JL-SS-A1	JL-SS-A3
STROKE	VARIABLE	VARIABLE
LOAD CAPACITY	1 Kg	3 Kg
NO OF AXIS	3	3
REPEATABILITY	+/-0.1MM	+/-0.1MM
CLAMP METHOD	PNEUMATIC	PNEUMATIC
PRESSURE REQUIREMENT	4-6 BAR	4-6 BAR
PROGRAMMING INTERFACE	ENGLISH TOUCH SCREEN	ENGLISH TOUCH SCREEN
INPUT POWER SUPPLY	AC 415V/50HZ	AC 415V/50HZ
WORK EFFICIENCY	MAX 25 C/MIN	MAX 25 C/MIN
POWER	6 KW	7,5 KW
AMBIENT TEMP	0~50 DEG C	0~50 DEG C
INSTALLATION METHOD	FLOOR	FLOOR

DUAL ARM WALKING BEAM FORGING MANIPULATOR



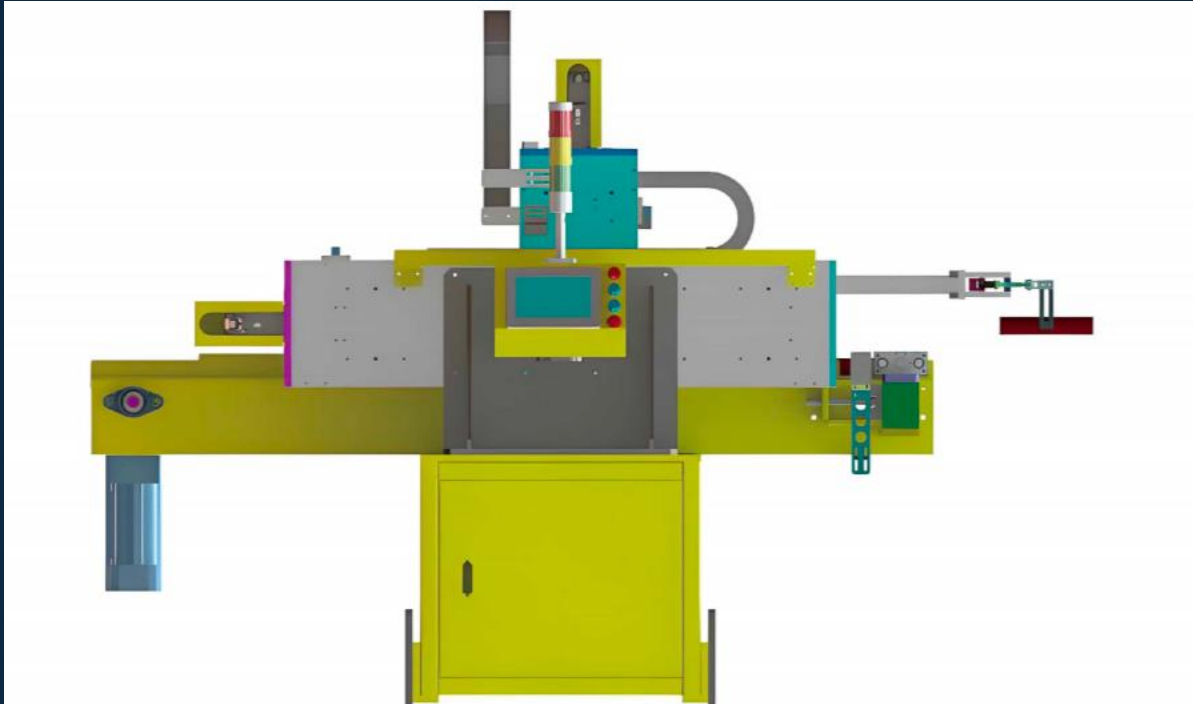
MODEL	JL-BLS-A5	JL-BLS-A10	JL-BLS-A15
STROKE	VARIABLE	VARIABLE	VARIABLE
LOAD CAPACITY	5 Kg	10 Kg	15 Kg
NO OF AXIS	3	3	3
REPEATABILITY	+/-0.1MM	+/-0.1MM	+/-0.1MM
CLAMP METHOD	PNEUMATIC	PNEUMATIC	PNEUMATIC
PRESSURE REQUIREMENT	4-6 BAR	4-6 BAR	4-6 BAR
PROGRAMMING INTERFACE	ENGLISH TOUCH SCREEN	ENGLISH TOUCH SCREEN	ENGLISH TOUCH SCREEN
INPUT POWER SUPPLY	AC 415V/50HZ	AC 415V/50HZ	AC 415V/50HZ
WORK EFFICIENCY	MAX 25 C/MIN	MAX 25 C/MIN	MAX 25 C/MIN
POWER	38 KW	60 KW	76 KW
AMBIENT TEMP	0~50 DEG C	0~50 DEG C	0~50 DEG C
INSTALLATION METHOD	FLOOR	FLOOR	FLOOR

THREE AXIS SWINGING ARM FORGING MANIPULATOR



MODEL	JL-B3B-B1	JL-B3B-B3
WORKING RADIUS	1650MM	1650MM
LOAD CAPACITY	1 Kg	3 Kg
NO OF AXIS	3	3
REPEATABILITY	+/-0.2 MM	+/-0.2 MM
CLAMP METHOD	PNEUMATIC	PNEUMATIC
PRESSURE REQUIREMENT	4-6 BAR	4-6 BAR
PROGRAMMING INTERFACE	ENGLISH TOUCH SCREEN	ENGLISH TOUCH SCREEN
INPUT POWER SUPPLY	AC 415V/50HZ	AC 415V/50HZ
WORK EFFICIENCY	MAX 25 C/MIN	MAX 25 C/MIN
POWER	3.8 KW	4,5 KW
AMBIENT TEMP	0~50 DEG C	0~50 DEG C
INSTALLATION METHOD	FLOOR	FLOOR

TWO AXIS FEEDING FORGING MANIPULATOR



MODEL	JL-SL2-B2	JL-SL2-B3
STROKE	VARIABLE	VARIABLE
LOAD CAPACITY	2 Kg	3 Kg
NO OF AXIS	2	2
REPEATABILITY	+/-0.2 MM	+/-0.2 MM
CLAMP METHOD	PNEUMATIC	PNEUMATIC
PRESSURE REQUIREMENT	4-6 BAR	4-6 BAR
PROGRAMMING INTERFACE	ENGLISH TOUCH SCREEN	ENGLISH TOUCH SCREEN
INPUT POWER SUPPLY	AC 415V/50HZ	AC 415V/50HZ
WORK EFFICIENCY	MAX 25 C/MIN	MAX 25 C/MIN
POWER	2.3 KW	3.0 KW
AMBIENT TEMP	0~50 DEG C	0~50 DEG C
INSTALLATION METHOD	FLOOR	FLOOR

FORGING DESCALER



MODEL	JL-QX-A40	JL-QX-A90	JL-QX-A110	JL-QX-A130	JL-QX-A160
ROUND SIZE	40MM MAX	90MM MAX	110MM MAX	130MM MAX	160MM MAX
BILLET MOVEMENT	CONVEYORISED	CONVEYORISED	CONVEYORISED	CONVEYORISED	CONVEYORISED
NO OF NOZZLES	12	18	20	22	24
CHAIN WIDTH	80MM	130MM	150MM	170MM	200MM
FREQUENCT DRIVE	SIEMENS	SIEMENS	SIEMENS	SIEMENS	SIEMENS
INPUT POWER SUPPLY	AC 415V/50HZ	AC 415V/50HZ	AC 415V/50HZ	AC 415V/50HZ	AC 415V/50HZ
PRESSURE RANGE	MAX 1.6~ 2 MPA	MAX 1.6~ 2 MPA	MAX 1.8~ 2 MPA	MAX 2.5~ 3.5 MPA	MAX 3.0 ~ 4 MPA
POWER	7.5 KW	7.5 KW	11 KW	15 KW	22 KW
AMBIENT TEMP	0~50 DEG C	0~50 DEG C	0~50 DEG C	0~50 DEG C	0~50 DEG C
INSTALLATION METHOD	FLOOR	FLOOR	FLOOR	FLOOR	FLOOR

FORGING ROBOT-CHINESE CROBOTP 4 AXIS



MODEL	CRP-RA18-25	CRP-RA18-30	CRP-RA21-50	CRP-RA27-80	CRP-RH26-165	CRP-RH26-210
WORKING RADIUS	1836MM	1836MM	2130MM	2680MM	2606MM	2606MM
LOAD CAPACITY	25KG	30KG	50KG	80KG	165KG	210KG
NO OF AXIS	6	6	6	6	6	6
REPEAT ACCURACY	+/-0.05MM	+/-0.05MM	+/-0.05MM	+/-0.05MM	+/-0.05MM	+/-0.05MM
AIR PRESSURE	4-6 KG/MM2	4-6 KG/MM2	4-6 KG/MM2	4-6 KG/MM2	4-6 KG/MM2	4-6 KG/MM2
INPUT POWER SUPPLY	AC 415V/50HZ	AC 415V/50HZ	AC 415V/50HZ	AC 415V/50HZ	AC 415V/50HZ	AC 415V/50HZ
PROGRAM INTERFACE	ENGLISH TOUCH SCREEN	ENGLISH TOUCH SCREEN	ENGLISH TOUCH SCREEN	ENGLISH TOUCH SCREEN	ENGLISH TOUCH SCREEN	ENGLISH TOUCH SCREEN
POWER	6 KW	6 KW	16 KW	18 KW	26 KW	26 KW
AMBIENT TEMP	0~50 DEG C	0~50 DEG C	0~50 DEG C	0~50 DEG C	0~50 DEG C	0~50 DEG C
BODY WEIGHT	250 KG	250 KG	560 KG	728 KG	1270 KG	1270 KG

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FORGING ROBOT-CHINESE CROBOTP 6 AXIS



MODEL	CRP-RP15-15	CRP-RP18-25	CRP-RP24-130	CRP-RP32-180
WORKING RADIUS	1530MM	1885MM	2485MM	3130MM
LOAD CAPACITY	15KG	25KG	130KG	180KG
NO OF AXIS	4	4	4	4
REPEAT ACCURACY	+/-0.05MM	+/-0.05MM	+/-0.05MM	+/-0.05MM
AIR PRESSURE	4-6 KG/MM2	4-6 KG/MM2	4-6 KG/MM2	4-6 KG/MM2
INPUT POWER SUPPLY	AC 415V/50HZ	AC 415V/50HZ	AC 415V/50HZ	AC 415V/50HZ
PROGRAM INTERFACE	ENGLISH TOUCH SCREEN	ENGLISH TOUCH SCREEN	ENGLISH TOUCH SCREEN	ENGLISH TOUCH SCREEN
POWER	4 KW	5 KW	16 KW	18 KW
AMBIENT TEMP	0~50 DEG C	0~50 DEG C	0~50 DEG C	0~50 DEG C
BODY WEIGHT	155 KG	255 KG	820 KG	840 KG

FORGING ROBOT-FANUC 6 AXIS



MODEL	M-20iD-25	M-20iD-35	M-710iC-50	M-710iC-70	R2000iC-165F	R2000iC-210F
WORKING RADIUS	1831MM	1831MM	2050MM	2050MM	2655MM	2655MM
LOAD CAPACITY	25KG	35KG	50KG	70KG	165KG	210KG
NO OF AXIS	6	6	6	6	6	6
REPEAT ACCURACY	+/-0.02MM	+/-0.03MM	+/-0.03MM	+/-0.03MM	+/-0.05MM	+/-0.05MM
AIR PRESSURE	4-6 KG/MM2	4-6 KG/MM2	4-6 KG/MM2	4-6 KG/MM2	4-6 KG/MM2	4-6 KG/MM2
INPUT POWER SUPPLY	AC 415V/50HZ	AC 415V/50HZ	AC 415V/50HZ	AC 415V/50HZ	AC 415V/50HZ	AC 415V/50HZ
PROGRAM INTERFACE	ENGLISH TOUCH SCREEN	ENGLISH TOUCH SCREEN	ENGLISH TOUCH SCREEN	ENGLISH TOUCH SCREEN	ENGLISH TOUCH SCREEN	ENGLISH TOUCH SCREEN
POWER	2 KW	3 KW	12 KW	12 KW	12 KW	12 KW
AMBIENT TEMP	0~50 DEG C	0~50 DEG C	0~50 DEG C	0~50 DEG C	0~50 DEG C	0~50 DEG C
BODY WEIGHT	250 KG	250 KG	560 KG	560 KG	1090 KG	1090 KG

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FORGING ROBOT-YASKAWA 6 AXIS



MODEL	GP12	GP25	GP50	GP180	GP225
WORKING RADIUS	1440MM	1730MM	2061MM	2702MM	2702MM
LOAD CAPACITY	12KG	25KG	50KG	180KG	225KG
NO OF AXIS	6	6	6	6	6
REPEAT ACCURACY	+/-0.02MM	+/-0.03MM	+/-0.03MM	+/-0.03MM	+/-0.05MM
AIR PRESSURE	4-6 KG/MM2	4-6 KG/MM2	4-6 KG/MM2	4-6 KG/MM2	4-6 KG/MM2
INPUT POWER SUPPLY	AC 415V/50HZ	AC 415V/50HZ	AC 415V/50HZ	AC 415V/50HZ	AC 415V/50HZ
PROGRAM INTERFACE	ENGLISH TOUCH SCREEN	ENGLISH TOUCH SCREEN	ENGLISH TOUCH SCREEN	ENGLISH TOUCH SCREEN	ENGLISH TOUCH SCREEN
POWER	1.5 KW	2 KW	4.5 KW	5 KW	5 KW
AMBIENT TEMP	0~50 DEG C	0~50 DEG C	0~50 DEG C	0~50 DEG C	0~50 DEG C
BODY WEIGHT	150 KG	250 KG	570 KG	1020 KG	1080 KG

FORGING ROBOT-KUKA 6 AXIS



MODEL	KR70 R2100	KR210 R2700-2	KR300 R2700-2	KR360 R2830	KR500 R2830	KR600 R2830
WORKING RADIUS	2101MM	2701MM	2701MM	2826MM	2826MM	2826MM
LOAD CAPACITY	70KG	210KG	300KG	360KG	500KG	600KG
NO OF AXIS	6	6	6	6	6	6
REPEAT ACCURACY	+/-0.02MM	+/-0.03MM	+/-0.03MM	+/-0.03MM	+/-0.05MM	+/-0.05MM
AIR PRESSURE	4-6 KG/MM2	4-6 KG/MM2	4-6 KG/MM2	4-6 KG/MM2	4-6 KG/MM2	4-6 KG/MM2
INPUT POWER SUPPLY	AC 415V/50HZ	AC 415V/50HZ	AC 415V/50HZ	AC 415V/50HZ	AC 415V/50HZ	AC 415V/50HZ
PROGRAM INTERFACE	ENGLISH TOUCH SCREEN	ENGLISH TOUCH SCREEN	ENGLISH TOUCH SCREEN	ENGLISH TOUCH SCREEN	ENGLISH TOUCH SCREEN	ENGLISH TOUCH SCREEN
POWER	12 KW	13 KW	13 KW	15 KW	15 KW	18 KW
AMBIENT TEMP	0~50 DEG C	0~50 DEG C	0~50 DEG C	0~50 DEG C	0~50 DEG C	0~50 DEG C
BODY WEIGHT	536 KG	1077 KG	1101 KG	2385 KG	2385 KG	2650 KG

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FORGING ROBOT-ABB 6 AXIS

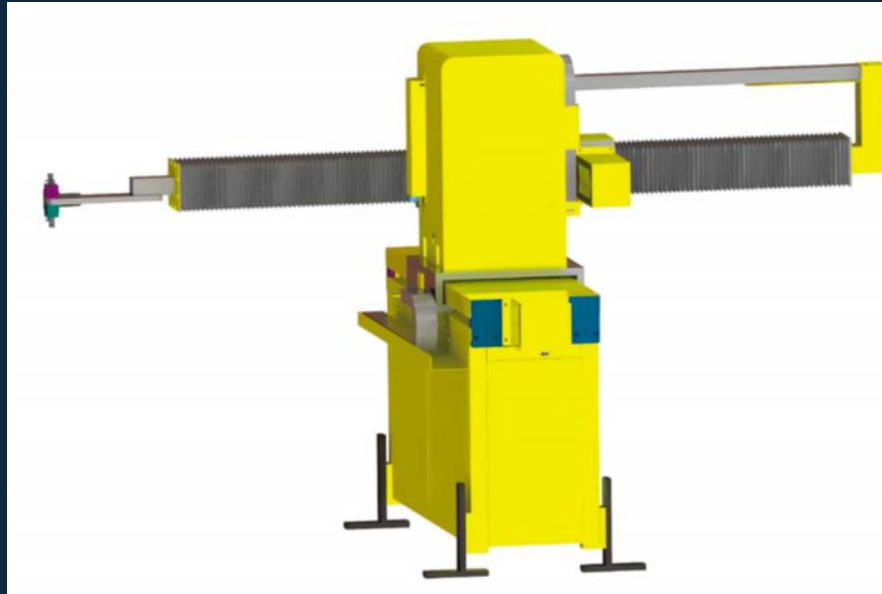
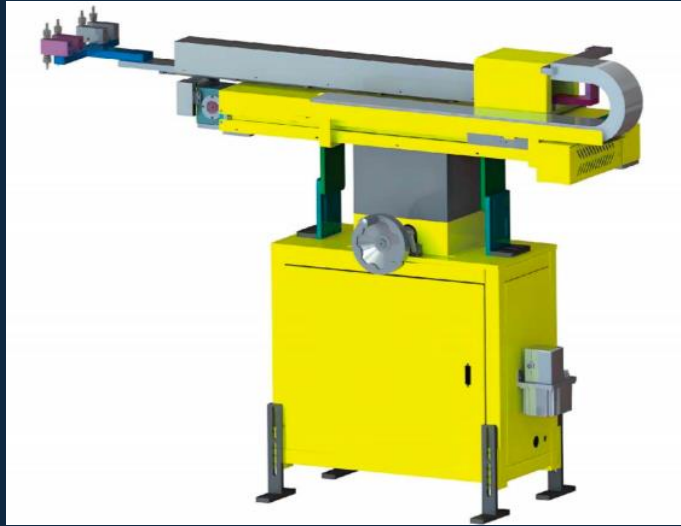


MODEL	IRB2600-12/1.65	IRB2600-20/1.65	IRB4600-60/2.05	IRB6710-210/2.65
WORKING RADIUS	1650MM	1650MM	2050MM	2650MM
LOAD CAPACITY	12KG	20KG	60KG	210KG
NO OF AXIS	4	4	4	4
REPEAT ACCURACY	+/-0.05MM	+/-0.05MM	+/-0.05MM	+/-0.05MM
AIR PRESSURE	4-6 KG/MM2	4-6 KG/MM2	4-6 KG/MM2	4-6 KG/MM2
INPUT POWER SUPPLY	AC 415V/50HZ	AC 415V/50HZ	AC 415V/50HZ	AC 415V/50HZ
PROGRAM INTERFACE	ENGLISH TOUCH SCREEN	ENGLISH TOUCH SCREEN	ENGLISH TOUCH SCREEN	ENGLISH TOUCH SCREEN
POWER	4 KW	4 KW	13 KW	13 KW
AMBIENT TEMP	0~50 DEG C	0~50 DEG C	0~50 DEG C	0~50 DEG C
BODY WEIGHT	272 KG	272 KG	425 KG	1140 KG

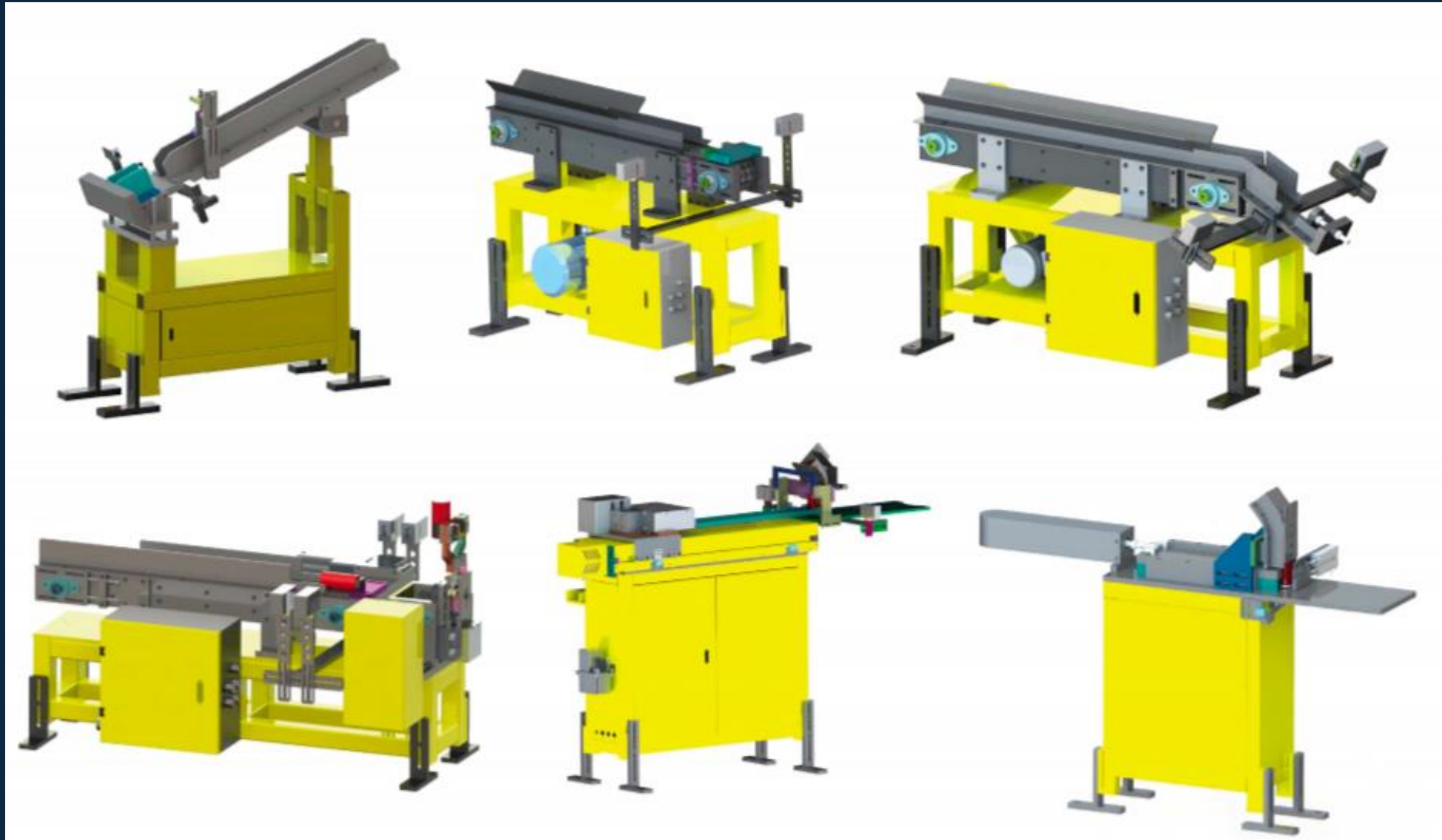
FORGING AUTOMATIC GRAPHITE SPRAY STATIONS



FORGING AUTOMATIC GRAPHITE SPRAYING MACHINES



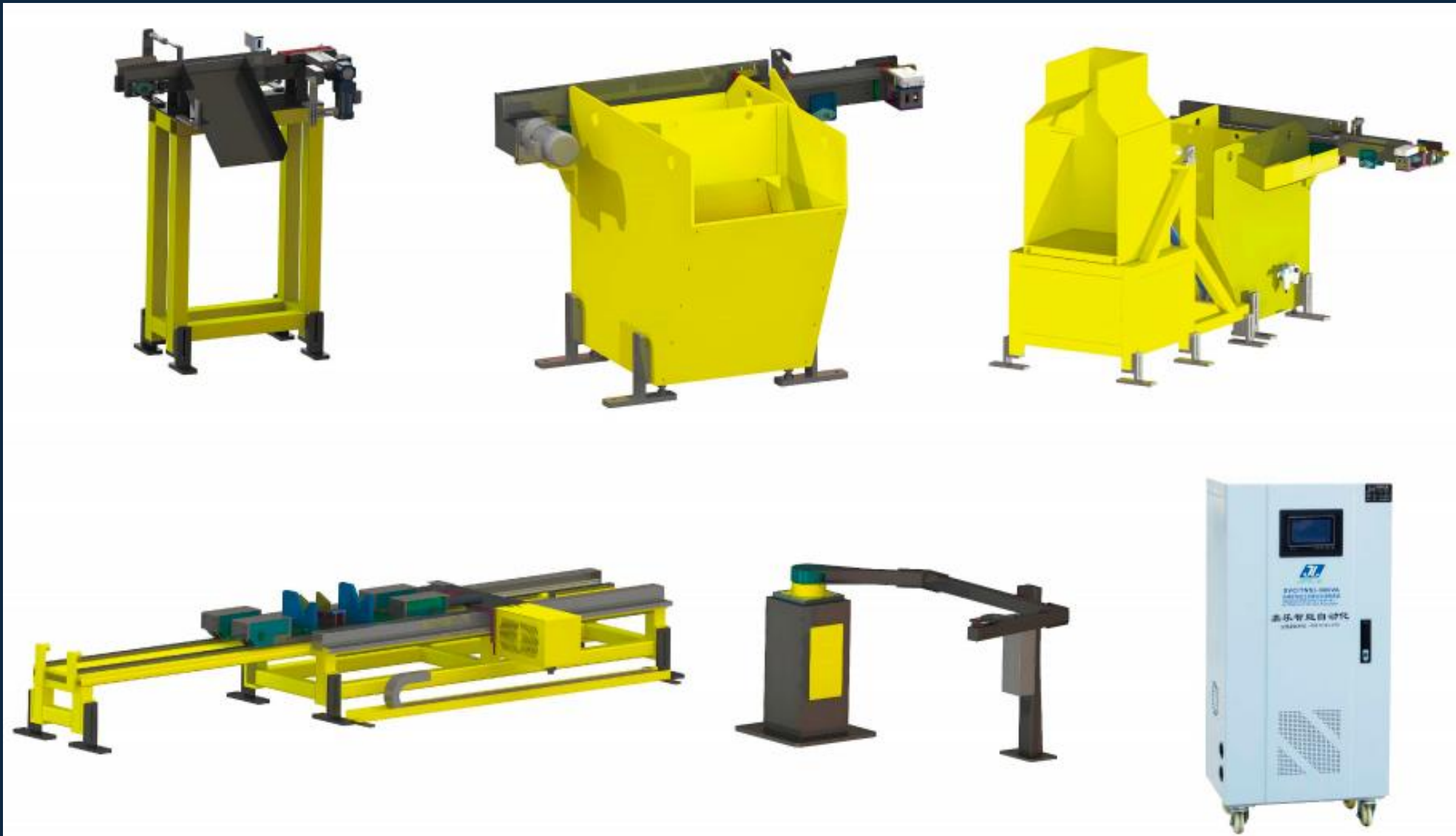
FORGING AUTOMATION MACHINERIES-MISC



FORGING AUTOMATION MACHINERIES-MISC



FORGING AUTOMATION MACHINERIES-MISC



THANKING YOU
WE ARE LOOKING FORWARD TO SERVE YOU !!!

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