

DEES
THE ESSENCE OF METAL FORMING™

DEES HYDRAULIC

GAP TYPE PRESS

4 POST TYPE PRESS



DEES HYDRAULIC INDUSTRIAL CO.,LTD.



GAP TYPE HYDRAULIC PRESS



■ GAP TYPE

- DEES CP SERIES GAP-TYPE HYDRULIC PRESS IS BUILT ON A FUNDAMENTAL YET STURDY FRAME, WHICH CAN BE USED FOR ON VARIOUS APPLICATIONS. PENDING ON YOUR CUSTOMERS REQUEST VARIOUS ACCESSORIES CAN BE CUSTOMIZED FOR A BROAD RANGE OF APPLICATIONS TO ENHANCE PROFITABILITY

■ GAP TYPE WITH GIB GUIDED

- 100 TON ~500 TON
CPG SERIES UNIQUE DESIGN INCORPORATES THE ACCURACY OF A MECHANICAL PRESS WITH THE FLEXIBILITY OF A HYDRULIC PRESS
- IN CONTRAST TO STANDARD C-FRAME HYDRAULIC WHERE DEFLECTION MAY OCCUR IF FORMING IS COMMENCING HIGH IN THE STROKE, THE CPG PRESS OFFERS FULL TONNAGE AT ANY POINT IN THE STROKE AND FULL-LENGTH MECHANICAL GIBS TO PROVIDE MAXIMUM RIGIDITY
- THIS UNIQUE DESIGN SUBSTANTIALLY INCREASES ACCURACY WITH HELPING TO PROTECT THE PRESS FROM SIDE LOADING

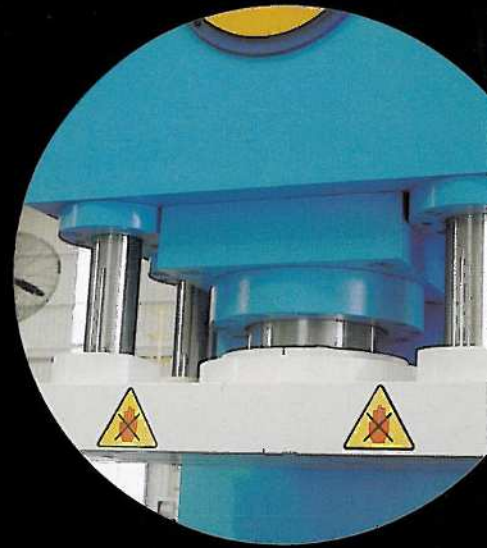


■ SERVO MOTOR DRIVER PRESS

- CAPACITY: 10 TON-30 TON
- REPEATABILITY
ACCURACY: ± 0.01 MM
- WITHOUT HYDRAULIC SYSTEM AND DRIVE BY SERVO MOTOR WITH HIGH ACCURACY
- ESPECIALLY SUITABLE FOR PRECISE PRESSING BLANKING AND OIL FREE MATERIAL FORMING

DEES HYDRAULIC

- GAP TYPE WITH CLEANING EQUIPMENT
- CAPACITY:30 TON
- SPECIALLY DESIGNED FOR DIE CASTING PARTS TRIMMING
- WITH PROGRAMMABLE PLC CAN BE CONNECTED AUTO LINE EASILY
- TABLE CAN TILT 45° OR OPTION AS 120° TO POUR OUT SCRAP
- ADAPTED PNEUMATIC TYPE CLEANING SYSTEM, THIS SYSTEM CAN BE ADJUSTED EASILY ACCORDING TO DIE HEIGHT



■ GAP TYPE

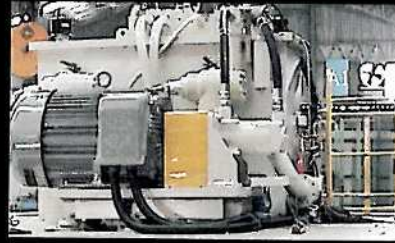


INTEGRATION OF EXCELLENCE

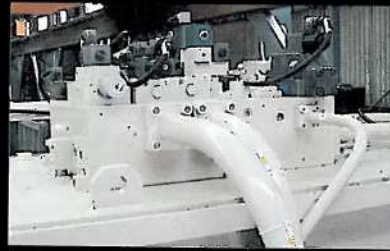




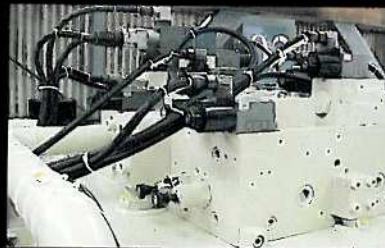
4 POST HYDRAULIC PRESS



- STANDARD VIBRATION PROOF MOUNTING



- STANDARD LOGIC VALVE DESIGN MANIFOLD WITH LIMITED PIPING



- OPTIONAL BOSCH HYDRAULIC SYSTEM



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■ HYDROFORMING



- 300 TON 4 POST DESIGN
ALLEN BRADLEY CONTROLLER
PROPORTIONAL SPEED CONTROL
PROPORTIONAL PRESSURE CONTROL

- HP TYPE: 10 ~ 600 TONS
ALL PIPES, FLANGE AND JOINT WITH
VIBRATION PROOF AND LEAKAGE PROOF
DESIGN AND SETTING
- ADJUSTABLE RAM AND CUSHION
TONNAGE VIA PRESSURE REGULATOR
FRIENDLY SET ON THE SWITCHES OF TDC,
SLOW SPEED POINT ,BDG
- SLIDE AND BOLSTER WITH T-SLOTS
U-SHAPED SLOTS ARE AVAILABLE
OVERLOAD PROTECTIONS VALVES
- OPTION:
NC TOUCH SCREEN WITH LINEAR
TRANSDUCER AND PROPORTIONAL
VALVES, Q.D.C.SYSTEM ETC

INTEGRATION OF EXCELLENCE





GAP / 4 POST TYPE SPECIFICATION

STANDARD FEATURES



- RUGGED FRAME DESIGNED BY FINITE ELEMENT ANALYSIS
- THE PISTON /CYLINDER BORE HARDENED & POLISHED TO A MICRON FINISH
- ADAPT RIGID ROUND GUIDES, SLIDE COULD MOVE SMOOTHLY
- ADAPT INTEGRATED COMPACT MANIFOLD DESIGN, WITH MAX WORKING PRESSURE, RELIEF VALVE CIRCUIT DESIGN FOR ENERGY SAVING AND OPERATION SAFELY

- ADVANCED VARIABLE 2 SPEED CONTROL. FAST APPROACH THEN SLOW PRESSING
- FULLY ADJUSTABLE STROKE LENGTH THROUGH LIMIT SWITCHES OR OPTIONAL TOUCH SCREEN CONTROL
- FRIENDLY SET ON THE SWITCHES OF TDC, SLOW SPEED POINT & BDG
- T-STAND WITH EMERGENCY BUTTON IN ACCORDANCE WITH SAFETY REGULATION
- KEY PROTECTED SWITCH PROVIDES INCH, SINGLE-STROKE & OFF MODE SELECTION
- ADOPT PROGRAMMABLE LOGIC CONTROL AND FLEXIBLE CIRCUIT DESIGN PREPARED FOR AUTOMATION TRANSFER LINE
- ALL PIPES, FLANGE AND JOINT WITH VIBRATION PROOF AND LEAKAGE PROOF DESIGN AND SETTING
- SLIDE AND TABLE WITH T-SLOTS, U-SHAPED SLOTS ARE AVAILABLE
- OPERATOR FRIENDLY SYSTEM PRESSURE CONTROL ENCLOSURE



■ GAP TYPE PRESS

CP SPECIFICATION

Model	Standard										
	Capacity	Table size	Slide size	Table height (mm)	Motor HP	Daylight mm	Stroke mm	Gap mm	Speed(mm/sec)		
	Ton	mm	mm						Up	Down	Pressing
CP-10	10	500x350	400x250	750	2	350	250	200	120	60	18
CP-20	20	600x400	500x300	750	5	500	350	250	120	60	18
CP-30	30	700x500	600x400	750	7.5	500	350	300	120	60	18
CP-50	50	700x400	600x400	750	10	500	350	300	120	60	15
CP-100	100	1000x700	800x600	900	15	700	500	400	120	60	10
CP-200	200	1000x700	800x600	900	20	700	500	400	130	130	8
CP-300	300	1200x800	1000x700	1100	30	800	600	450	140	140	8
CP-400	400	1200x800	1000x700	1100	40	800	600	450	180	180	8
CP-500	500	1500x900	1200x800	1300	50	900	600	500	180	180	7
CP-600	600	1500x900	1200x800	1300	50	900	600	500	180	180	6

Model	Optional								
	Cushion			Ejector		High Speed			
	Area	Capacity	Stroke	Capacity	Stroke	Motor	UP	Down	Pressing
mm	Ton	mm	Ton	mm	Hp	mm/sec	mm/sec	mm/sec	
CP-10	400x300	5	120	3	60	5	270	270	18
CP-20	400x300	5	120	3	60	5	270	270	18
CP-30	400x300	5	120	3	60	7.5	270	270	18
CP-50	400x300	10	120	3	60	10	270	270	15
CP-100	600x400	20	150	10	75	15	270	270	10
CP-200	600x400	50	150	10	75	25	270	270	10
CP-300	700x500	75	200	20	100	40	270	270	10
CP-400	700x500	75	200	20	100	50	250	250	10
CP-500	800x600	100	200	30	100	75	270	270	10
CP-600	800x600	100	200	30	100	75	270	270	9

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HP SPECIFICATION

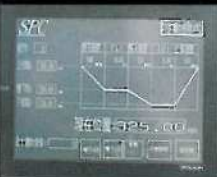
Standard

Model	Capacity	Table Size	Table Height	Open Height	Daylight	Motor	Speed(mm/sec)		
	Ton	mm	mm	mm	mm	HP	Up	Down	Pressing
HP-10	10	500x350	750	350	250	2	120	60	18
HP-20	20	600x400	750	500	350	5	120	60	18
HP-30	30	700x500	750	500	350	7.5	120	60	18
HP-50	50	700x500	750	500	350	10	120	60	15
HP-100	100	1000x700	900	700	500	15	120	60	10
HP-200	200	1000x700	900	700	500	20	130	130	8
HP-300	300	1200x800	1100	800	600	30	140	140	8
HP-400	400	1200x800	1100	800	600	40	180	180	8
HP-500	500	1500x900	1300	900	600	50	180	180	7
HP-600	600	1500x900	1300	900	600	50	180	180	6

Opitonal

Model	Cushion			Ejector		High speed			
	Capacity	Table	Stroke	Capacity	Stroke	Motor	UP	Down	Pressing
	Ton	mm	mm	Ton	mm	HP	mm/sec	mm/sec	mm/sec
HP-10	5	400x300	120	3	60	5	270	270	18
HP-20	5	400x300	120	3	60	5	270	270	18
HP-30	5	400x300	120	3	60	7.5	270	270	18
HP-50	10	400x300	120	3	60	10	270	270	15
HP-100	20	600x400	150	10	75	15	250	250	10
HP-200	50	600x400	150	10	75	25	270	270	10
HP-300	75	700x500	200	20	100	40	270	270	10
HP-400	75	700x500	200	20	100	50	250	250	10
HP-500	100	800x600	200	30	100	75	270	270	10
HP-600	100	800x600	200	30	100	75	270	270	10

OPTIONAL ACCESSORIES



SLIDE POSITION ACCURACY REACHES +/-0.05MM WHEN INCORPORATING PROPORTIONAL SPEED AND PRESSURE SYSTEM



SLIDE POSITION ACCURACY REACHES +/-0.01MM WHEN INCORPORATING PROPORTIONAL SPEED AND PRESSURE SYSTEM

MITSUBISHI TOUCH SCREEN CONTROLLER

ALLEN-BRADLEY TOUCH SCREEN CONTROLLER

- EJECTOR IN SLIDE OR BOLSTER
- HYDRAULIC DIE CUSHION
- NC COLOR / MONO TOUCH SCREEN CONTROL
- PROPORTIONAL TONNAGE CONTROL / PROPORTIONAL PRESSING SPEED & POSITIONING CONTROL
- QUICK DIE CHANGE SYSTEM(Q.D.C)
- LIGHT CURTAIN OR PSDI
- AUTO LUBRICATION SYSTEM
- PUNCHING DAMPER
- MECHANICAL POSITIONING SYSTEM ON CYLINDER
- INDIVIDUAL CHILLER
- LARGER DAYLIGHT OR TABLE SIZE
- HIGH SPEED SERIES
- COMPLY WITH CE APPROVAL
- CUSTOM DESIGNS ARE EXTREMELY WELCOMED



■ 4 POST TYPE PRESS

INTEGRATION OF EXCELLENCE



SPC

The essence of metal forming Tm

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