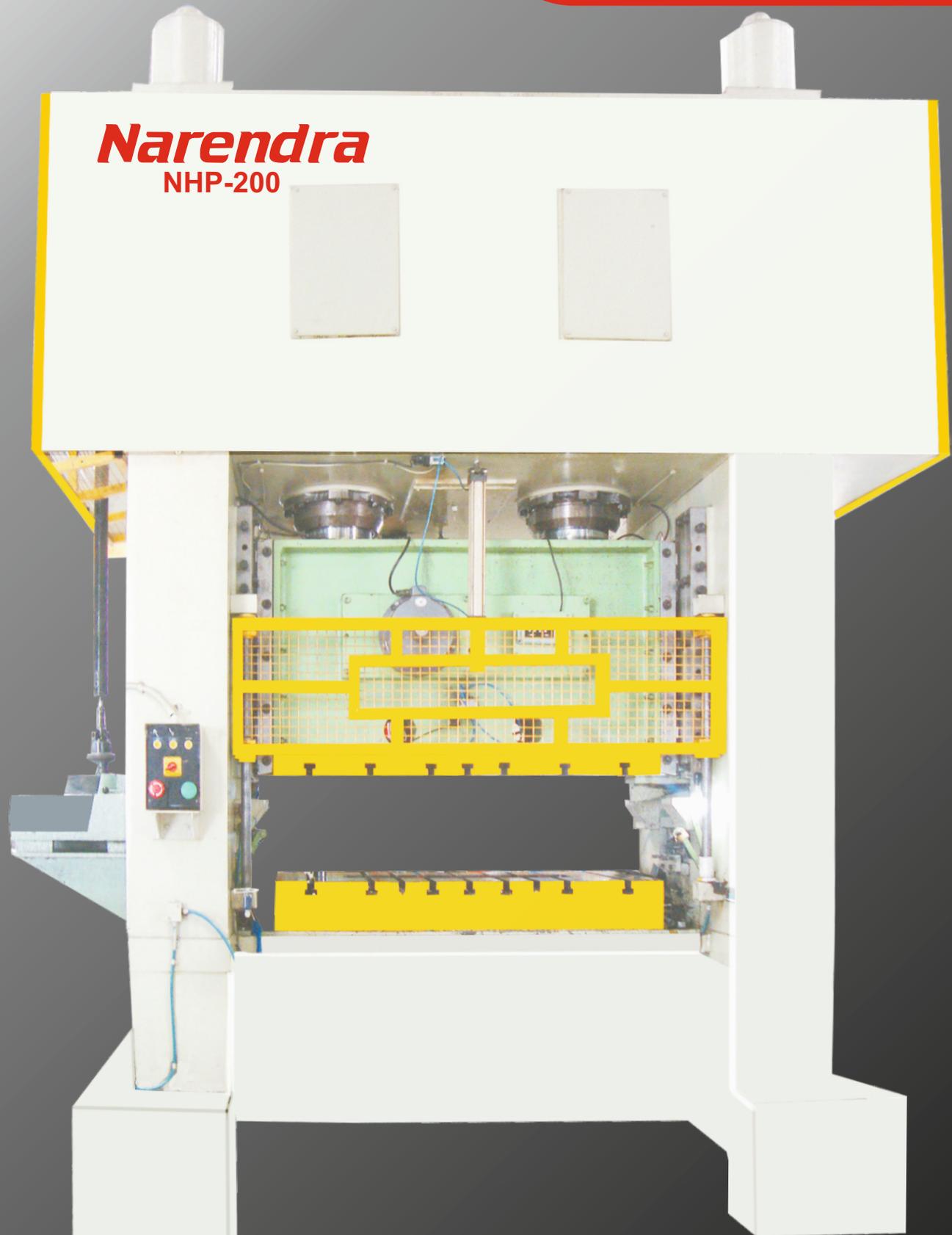


Narendra

SERIES NHP

Narendra
NHP-200



HIGH SPEED PLUNGER GUIDE TWO POINT PRESS

FRAME Welded steel construction, stress relieved, computer aided frame design, extreme rigidity with uniform parallel deflection, ideal for progressive tooling, ensure high speed laminating precision and rigidity.

SLIDE The slide is guided accurately throughout the whole stroke with high precision eight way bearing guides free from backlash. Eight point, square corner gibbing provides long parallel guiding surface that maintain slide parallelism under off centre load resulting high precision & long tooling life.

CRANK SHAFT It is made from a forged piece of carbon alloy steel. Shaft is ground finished on bearing surface. All main bearing are of heavy walled nickel phosphorous and bronze.

DYNAMIC BALANCING Provides better precision quality of lamination and longer life by controlling the thrust and vibration in the frame generated by crank shaft rotation.

PLUNGER GUIDE The rotation of eccentric shafts creates front & back loads that changes guides clearance this is controlled by plunger guided design this eliminates change in guide clearance resulting high precision.



HYDRAULIC SLIDE ADJUSTMENT LOCKING DEVICE
This eliminates clearances inside the slide adjustment assembly. Maintain accuracy of slide travel at bottom dead centre.

STICK RELEASE DEVICE Resolves tool jam problem, easy to operate.

LUBRICATION
Motorised forced feed lubrication is of re-circulating type ensures adequate oil supply, depending upon the bearing area ensures cooling of bearing as well as any fault in the system will cause instant stopping of the press and will be shown optically on control panel.

TECHNICAL SPECIFICATIONS	MODEL		NHP - 60	NHP - 100	NHP - 125	NHP - 160	NHP - 200	NHP - 250
	CAPACITY	TON	60	100	125	160	200	250
	CAPACITY AT 20° BEFORE BDC	MM	3.2	3.2	3.2	3.2	3.2	3.2
	STROKE FIXED	MM	30	30	30	30	30	40
	SPEED VARIABLE	MIN(SPM)	100	100	80	80	80	80
		MAX(SPM)	300	300	250	225	200	200
	SHUT HEIGHT	MM	340	360	390	400	400	400
	SLIDE ADJUSTMENT	MM	40	40	40	50	50	80
	BOLSTER AREA (LR X FB)	MM	850X630	1100X700	1300X800	1600X800	1800X900	1800X1000
	SLIDE AREA (LR X FB)	MM	790X450	1000X500	1200X600	1500X700	1700X700	1700X900
	TABLE OPENING (LR X FB)	MM	710X200	900X200	1100X210	1300X250	1500X350	1550X350
	OPENING IN BOLSTER	MM	AS REQUIRED					
	OPENING IN UPRIGHTS (FB X HT)	MM	300X300	350X350	400X400	450X450	450X450	450X450
	BOLSTER THICKNESS	MM	115	140	150	160	180	180
	HEIGHT OF TABLE FROM FLOOR	MM	900	1000	1000	1000	1000	1150
	MAIN MOTOR POWER	HP	10	20	25	30	40	40
AIR SUPPLY BAR	kg/cm ²	5.5	5.5	5.5	5.5	5.5	5.5	



HIGH SPEED SINGLE POINT PRESS

TECHNICAL SPECIFICATIONS

MODEL		NHP - 25	NHP - 40	NHP - 60	NHP - 100	NHP - 160
CAPACITY	TON	25	40	60	100	160
CAPACITY AT 20° BEFORE BDC AT	MM	1.6	1.6	2.3	3.2	3.2
STROKE FIXED	MM	25	25	30	35	40
SPEED VARIABLE	MIN(SPM)	130	100	100	80	80
	MAX(SPM)	300	250	200	150	130
SHUT HEIGHT	MM	225	225	250	315	315
SLIDE ADJUSTMENT	MM	30	40	40	40	40
BLOSTER AREA (LR X FB)	MM	450X450	500X500	560X560	630X630	700X800
SLIDE AREA (LR X FB)	MM	380X350	430X440	450X450	500X500	580X580
TABLE OPENING (LR X FB)	MM	250X110	250X110	350X160	400X200	500X200
OPENING IN BOLSTER	MM	AS REQUIRED				
OPENING IN UPRIGHTS (FB X HT)	MM	200X200	200X200	200X250	250X280	400X300
BOLSTER THICKNESS	MM	75	80	90	100	100
HEIGHT OF TABLE FROM FLOOR	MM	800	800	800	800	800
MAIN MOTOR POWER	HP	5.5	7.5	10	15	20
AIR SUPPLY BAR	kg/cm ²	5.5	5.5	5.5	5.5	5.5

STANDARD FEATURES

- VARIABLE SPEED FREQUENCY DRIVE
- RE-CIRCULATING MOTORISED LUBRICATION SYSTEM
- DUAL SOLENOID VALVE
- 8 POINT GIBING
- SHUT HEIGHT INDICATOR
- SLIDE ADJUSTMENT MOTORISED
- HYDRAULIC THREAD LOCKING
- CONTROL THROUGH P.L.C
- GUIDEWAYS BEARING ALONG WITH BEARING HOLDING BRACKET
- SLIDE COUNTER WEIGHT
- HYDRAULIC STICK RELEASE

OPTIONAL ACCESSORIES

- ANTI-VIBRATION MOUNT
- DIE LIFTER
- DIE CLAMPER
- DIE ARM
- FLYWHEEL BRAKE
- STRAIGHTNER WITH S-LOOP
- CHANGE GEAR TYPE CAM INDEX ROLL FEED
- AIR INJECTOR

Manufactured and Marketed by:

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UNIT - 2

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We reserve the right to change, design and modify specification at the discretion of our engineering department