CONTRACT PRESS UPGRADES

E2, P2 & P2H Press Speed-Up Options

Increase press strokes per minute (SPM). See reference maximum SPM vs. stroke lengths charts below.

Benefits:

- Increases Production & Press Flexibility.
- Improves Value of Existing Presses.

Press Lines:

- E2, P2 and P2H

Package Includes:

- New Main Data Plate
- Motor Sheave and Belts
- Larger Press Motor
- New Flywheel
- New Main Gears and Pinions
- Larger or Re-Positioned Counterweights
- Conversion to Hydraulic Clutch
- Different Press Mounts
- Flywheel Energy Curve

  * Required parts will vary.

E2 PRESSES:

Information based on standard single geared E2's and does not include flywheel driven or double geared E2's.

300 TON		400 TON		600 TON		800-1200 TON	
Stroke	Max. SPM	Stroke	Max. SPM	Stroke	Max. SPM	Stroke	Max. SPM
4-5"	140	4-8"	120	4-9"	100	12"	70
6-8"	120	9-10"	100	10"	90	13-16"	60
9-10"	100	11"	90	11-12"	80	17-20"	50
11-12"	80	12"	80	13-14"	70	20-24"	40
13-14"	70	13-14"	70	15-16"	60		
15-16"	60	15-16"	60	17-18"	50		
				19-20"	40		

P2 GEARED PRESSES:

100 TON		150 TON		200 TON	
Stroke	Max. SPM	Stroke	Max. SPM	Stroke	Max. SPM
3"	150	4"	150	4"	150
4"	150	5"	150	5"	150
5"	150	6"	150	6"	120
6"	150			7"	120
				8"	120

These charts are only intended to serve as a reference. Please contact Nidec Press & Automation with your press serial number to have the maximum press SPM determined. Due to varying press designs, some requests require an engineering study to create an accurate quote.

P2 FLYWHEEL PRESSES:

60 TON		100 TON		150 TON		200 TON	
Stroke	Max. SPM	Stroke	Max. SPM	Stroke	Max. SPM	Stroke	Max. SPM
1"	600	1'	500	1"	450	1"	400
1.5"	500	1.5"	450	1.5"	400	1.5"	350
2"	400	2"	400	2"	350	2"	300
2.5"	375	2.5"	350	2.5"	300	2.5"	275
3"	350	3"	300	3"	250	3"	250
4"	300	4"	250	4"	225	4"	225
		5"	200	5"	200	5"	200
						6"	180

P2H PRESS:

These maximum SPM's are based on standard stroke presses, not adjustable stroke presses.

P2H-63 FW		P2H-100-63		P2H-100-48	
Stroke	Max. SPM	Stroke	Max. SPM	Stroke	Max. SPM
.79"	600	.98"	525	.98"	550
.98"	550	1.18"	475	1.18"	500
1.18"	500	1.57"	425	1.57"	450
1.57"	450	1.97"	375	1.97"	400
1.97"	400	2.56"	325	2.56"	350
2.56"	350	2.95"	275	2.95"	300
2.95"	300	3.94"	250	3.94"	275

P2H-100 FW		P2H-160-63, 160-75		P2H-160 GEARED	
Stroke	Max. SPM	Stroke	Max. SPM	Stroke	Max. SPM
.98"	500	1.18"	400	3.94"	150
1.18"	450	1.57"	400	5.91"	150
1.57"	400	1.97"	350	7.88"	120
1.97"	350	2.95"	300		
2.56"	300	3.94"	250		
2.95"	250	4.92"	200		
3.94"	200	5.91"	200		

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