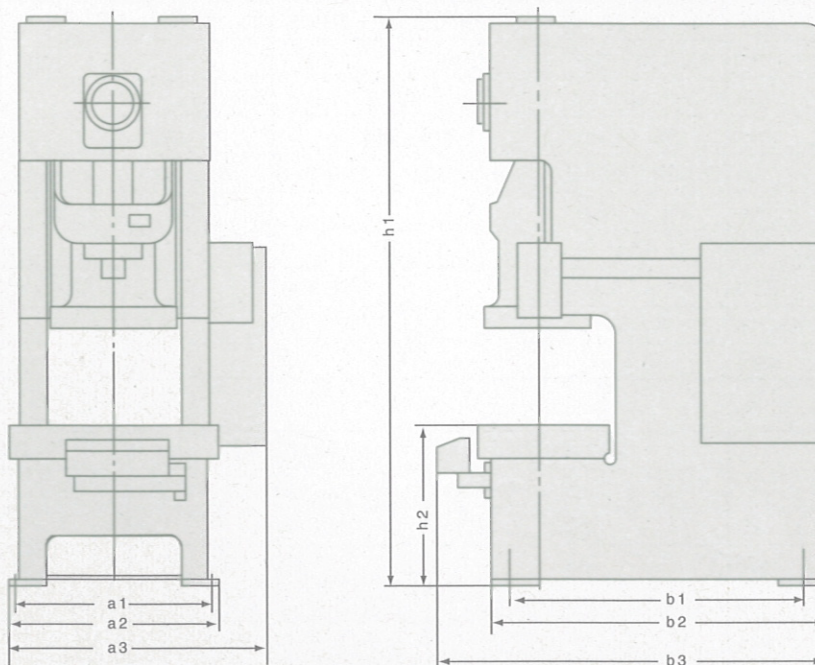


### ●Dimensions



|          |        | Position of anchor bolt | Floor space required | Max. measurement of press | Press overall height |          | Bolster surface height |
|----------|--------|-------------------------|----------------------|---------------------------|----------------------|----------|------------------------|
|          |        | a1×b1                   | a2×b2                | a3×b3※                    | h1                   |          | h2                     |
|          |        |                         |                      |                           | Flex                 | Variable |                        |
| NC1-350  | (1)E   | 720×845                 | 800×1005             | 989×1400                  | 2190                 |          | 800                    |
|          | (2)E   | 720×905                 | 800×1065             | 989×1360                  | 2180                 | 2265     |                        |
| NC1-450  | (S)E   | 745×910                 | 825×1080             | 1032×1475                 | 2290                 |          | 800                    |
|          | (1)E   |                         |                      | 1032×1475                 | 2290                 |          |                        |
|          | (2)E   | 745×950                 | 825×1120             | 1032×1465                 | 2270                 | 2350     |                        |
| NC1-600  | (S)E   | 840×1010                | 920×1185             | 1105×1580                 | 2540                 |          | 900                    |
|          | (1)E   |                         |                      |                           | 2540                 |          |                        |
|          | (2)E   | 840×1050                | 920×1225             | 1105×1620                 | 2545                 |          |                        |
| NC1-800  | (1)E   | 920×1160                | 1000×1350            | 1185×1745                 | 2720                 |          | 900                    |
|          | (2)E   | 920×1210                | 1000×1400            | 1185×1745                 | 2725                 | 2805     |                        |
|          | (2NL)E | 980×1210                | 1060×1400            | 1243×1850                 | 2860                 |          |                        |
| NC1-1100 | (1)E   | 1040×1340               | 1120×1560            | 1313×2010                 | 3025                 |          | 900                    |
|          | (2)E   | 1040×1440               | 1120×1660            | 1313×2055                 | 2945                 | 3005     |                        |
|          | (2NL)E | 1040×1440               | 1120×1660            | 1313×2110                 | 3025                 |          |                        |
| NC1-1500 | (1)E   | 1140×1560               | 1220×1810            | 1418×2280                 | 3100                 |          | 900                    |
|          | (2)E   | 1140×1660               | 1220×1910            | 1418×2360                 | 3170                 |          |                        |
|          | (2NL)E | 1190×1660               | 1270×1910            | 1468×2360                 | 3280                 |          |                        |
| NC1-2000 | (1)E   | 1360×1890               | 1440×2170            | 1613×2640                 | 3545                 |          | 1000                   |
|          | (2)E   | 1360×2020               | 1440×2300            | 1613×2750                 | 3655                 |          |                        |
|          | (2NL)E | 1360×2020               | 1440×2300            | 1613×2695                 | 3755                 |          |                        |
| NC1-2500 | (2)E   | 1730×2135               | 1850×2425            | 2015×(2550)               | 4260                 |          | 1100                   |

※ b3 : Please add 100mm in case a die lifter is required.

※ The b3' dimension for NC1-2500(2)E is that of bolster front end to frame rear end, for push button box is stand type.

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## ● Main specifications

| Model                        |                     |      | NC1-350 |         | NC1-450 |         |       | NC1-600 |         |       | NC1-800 |         |                        |  |
|------------------------------|---------------------|------|---------|---------|---------|---------|-------|---------|---------|-------|---------|---------|------------------------|--|
|                              |                     |      | (1)E    | (2)E    | (S)E    | (1)E    | (2)E  | (S)E    | (1)E    | (2)E  | (1)E    | (2)E    | (2NL)E                 |  |
| Capacity                     |                     |      | kN      | 350     |         | 450     |       |         | 600     |       |         | 800     |                        |  |
| Tonnage rating point         |                     |      | mm      | 2.6     |         | 2.3     | 3.2   |         | 2.3     | 4     |         | 5       |                        |  |
| Stroke length                |                     |      | mm      | 70      | 120     | 50      | 80    | 120     | 55      | 90    | 140     | 100     | 160                    |  |
| Strokes per minute           | Flexed (standard)   | spm  | —       | 90      | —       | —       | 80    | —       | —       | 70    | —       | 60      |                        |  |
|                              | Variable (optional) | spm  | 90~150  | 55~105  | 85~175  | 65~130  | 50~95 | 80~165  | 60~120  | 45~85 | 55~110  | 40~75   |                        |  |
| Die height, slide to bolster |                     |      | mm      | 200     | 250     | 250     |       | 270     | 270     |       | 300     | 300     | 320                    |  |
| Slide adjustment             |                     |      | mm      | 50      |         | 60      |       |         | 70      |       |         | 80      |                        |  |
| Slide area (L.R×F.B)         |                     |      | mm      | 380×300 |         | 410×340 |       |         | 480×400 |       |         | 540×460 |                        |  |
| Bolster area (L.R×F.B)       |                     |      | mm      | 730×310 | 730×380 | 810×360 |       | 810×440 | 870×400 |       | 870×520 | 950×460 | 950×600<br>*(1000×600) |  |
| Frame gap                    |                     |      | mm      | 160     | 195     | 185     |       | 225     | 210     |       | 270     | 240     | 310                    |  |
| Frame inside measurement     |                     |      | mm      | 100     |         | 110     |       |         | 130     |       |         | 140     |                        |  |
| Main motor                   | Flexed (standard)   | kW×p | —       | 5.5×4   |         | —       |       | 5.5×4   | —       |       | 5.5×4   | —       | 7.5×4                  |  |
|                              | Variable (optional) | kW×p | 5.5×4   |         | 5.5×4   |         |       | 5.5×4   |         |       | 7.5×4   |         |                        |  |
| Required air pressure        |                     |      | MPa     | 0.5     |         | 0.5     |       |         | 0.5     |       |         | 0.5     |                        |  |

\*( ) = (2NL)E

| Model                        |                     |      | NC1-1100 |          |          | NC1-1500 |          |          | NC1-2000 |          |          | NC1-2500 |
|------------------------------|---------------------|------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
|                              |                     |      | (1)E     | (2)E     | (2NL)E   | (1)E     | (2)E     | (2NL)E   | (1)E     | (2)E     | (2NL)E   | (2)E     |
| Capacity                     |                     | kN   | 1100     |          |          | 1500     |          |          | 2000     |          |          | 2500     |
| Tonnage rating point         |                     | mm   | 5        |          |          | 6        |          |          | 6        |          |          | 6.5      |
| Stroke length                |                     | mm   | 110      | 180      |          | 130      | 200      |          | 160      | 250      |          | 300      |
| Strokes per minute           | Flexed (standard)   | spm  | —        | 50       |          | —        | 45       |          | —        | 35       |          | —        |
|                              | Variable (optional) | spm  | 50~100   | 35~65    |          | 40~85    | 30~55    |          | 35~70    | 25~45    |          | 20~35    |
| Die height, slide to bolster |                     | mm   | 320      | 350      |          | 350      | 400      |          | 410      | 450      |          | 540      |
| Slide adjustment             |                     | mm   | 90       |          |          | 100      |          |          | 110      |          |          | 120      |
| Slide area (L.R×F.B)         |                     | mm   | 630×520  |          |          | 700×580  |          |          | 880×650  |          |          | 1100×730 |
| Bolster area (L.R×F.B)       |                     | mm   | 1070×520 | 1070×680 | 1100×680 | 1170×600 | 1170×760 | 1250×760 | 1390×680 | 1390×840 | 1410×840 | 1750×900 |
| Frame gap                    |                     | mm   | 270      | 350      |          | 310      | 390      |          | 350      | 430      |          | 470      |
| Frame inside measurement     |                     | mm   | 155      |          |          | 165      |          |          | 180      |          |          | 180      |
| Main motor                   | Flexed (standard)   | kW×p | —        | 7.5×4    |          | —        | * 15×4   |          | —        | 15×4     |          | —        |
|                              | Variable (optional) | kW×p | 11×4     | 7.5×4    |          | 11×4     |          |          | 15×4     |          |          | 22×4     |
| Required air pressure        |                     | MPa  | 0.5      |          |          | 0.5      |          |          | 0.5      |          |          | 0.5      |

\* : In case of fixed motor, 15kW×4p motor is equipped.

| Die cushion type     |    | NCY-4-1 | NCY-6-1 | NCY-8-1 | NCY-11-1 | NCY-15-1 | NCY-20-1 | NCY-25-1 |
|----------------------|----|---------|---------|---------|----------|----------|----------|----------|
| Capacity (at 0.5MPa) | kN | 26      | 35      | 63      | 80       | 100      | 140      | 140      |
| Stroke length        | mm | 60      | 70      | 70      | 80       | 80       | 100      | 100      |
| Pad area (L.R×F.B)   | mm | 335×205 | 370×235 | 410×260 | 480×300  | 540×340  | 640×440  | 640×440  |

## ● Press Standard Equipment

- Variable speed motor (\*inverter)
  - Motorized slide adjustment
  - Hydraulic overload protector
  - Automatic grease lubrication device (with interlock)
  - Punch holder
  - Air ejector (3/8B, 2-way valve)
  - Air outlet (3/8B, 2-way valve)
  - Solid state controller (MPC)
  - LCD operation panel
  - Electronic crank angle indicator
  - Hour meter (6 digits) 1 unit
  - Preset counter (6 digits) 3 units
  - Maintenance counter (8 digits) 1 unit
  - Timing switch (4 spare cams)
  - Die protect (2 circuits, no receptacles)
  - Data bank (20 dies)
  - Two-hand operation box (T stand)
  - Operation selector (inching, off, single, continuous)
  - Clutch & brake solenoid valve with monitor
  - Anti-repeat circuit
  - Side cover
  - Instruction manuals
- ※ Type(1) : Standard  
Type(2) : Optional

## ■ Optional Equipment

- Bellows type die cushion
- Slide knockout
- Die lifter
- Die clasper
- Air ejector addition
- Air outlet addition
- Automation equipment
- Increase balancer capacity
- Flywheel brake
- H.O.L.P. low pressure setting device
- Provisional machining hole for PTO shaft
- Oil lubrication for gib
- Anti-vibration device
- Anchor bolts
- Tool box
- Power source other than 200V
- Main motor reverse drive equipment
- Stand type operation panel
- Continuous single stroke device
- Preset stop position selector
- Die space light (spot type)
- Main circuit no-fuse breaker
- Electric interface for feeder
- Tool receptacle (100V, 200V)
- Load monitor
- Timing switch spare addition
- Automatic slide adjustment device
- Optical safety device
- Guard
- Die block (with plug)

\* Please consult us regarding the many other options available beside the ones listed here.

\* The specification, appearance and optional equipment may be changed without notice in the interest of good design.