

P Series Pneumatic Press

Features

1. The cylinder is identical to ISO15552 standard.
2. Magnet is optional accessory, and sensor switch is available to be installed.
3. Model no. P100 is light and compact, suitable for small size press.
4. The cushions are installed on both ends for stable operation.
5. We accept the order without cushions, please make a note of it on purchase order.
6. Strong body and simple maintenance.
7. It is available to install quick exhaust valve for speed up operation.
8. Guide rod is installed for prevention of piston rod rotate.
9. Hand control or foot control at your selection.



How to order

| P100 | 60 | S9 |
|-----------------|-------------|------------|
| Pneumatic press | Stroke | Voltage |
| P100 | 60 : 50mm | 1 : 100VAC |
| P200A,B,C | 100 : 50mm | 2 : 220VAC |
| P300 | 200 : 100mm | 9 : 24VDC |
| | 300 : 100mm | |
| | 500 : 100mm | |
| | 900 : 100mm | |

Specifications

| Model | P100-60 | P100-100 | P200-100 | P200-200 | P200-300 | P300-500 | P300-900 |
|--------------------------|-----------------------------|----------|-------------------|-------------|-------------|----------|----------|
| Port size | 1/4" | | 3/8" | | | | 1/2" |
| Fluid | Compressed air | | | | | | |
| Stroke | 50mm | | 100mm | | | 100mm | |
| Cylinder bore size | φ 50mm | φ 63mm | φ 63mm | φ 80mm | φ 100mm | φ 125mm | φ 160mm |
| Stroke adjustment | 25.5mm | | | | | | |
| Air consumption liter | 1.2 | 2 | 4 | 6 | 10 | 15 | 32 |
| Operating pressure range | 1.5~9.5 kgf/cm ² | | | | | | |
| Working height | 150 | | A:200/B:270/C:270 | | | 250 | |
| Ambient temperature | -10 °C ~ 60 °C | | | | | | |
| Voltage tolerance | ±10% | | | | | | |
| Standard voltage | 220VAC, 110VAC, 24VDC | | | | | | |
| Weight | 20 kg | 20.3 kg | 39/28/29 kg | 43/32/33 kg | 47/36/37 kg | 90 kg | 105 kg |

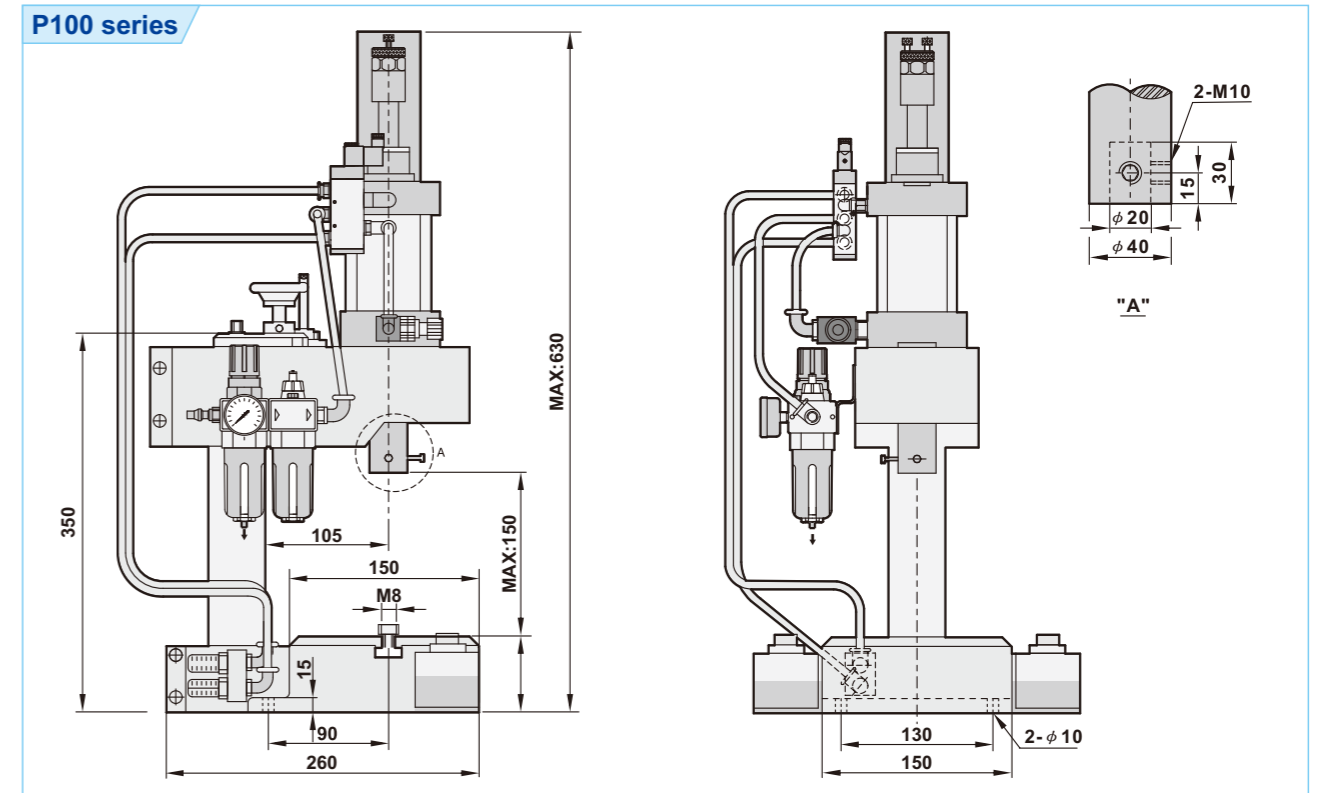
Theoretic force of press

| Operating pressure | | | P100-60 | | | P100-100 | | |
|--------------------|----|-----|--------------------------|-----|-----|--------------------------|-----|-----|
| | | | Theoretic force of press | | | Theoretic force of press | | |
| MPa | KG | PSI | N | KG | LB | N | KG | LB |
| 0.4 | 4 | 57 | 774 | 79 | 174 | 1255 | 125 | 275 |
| 0.5 | 5 | 71 | 960 | 98 | 216 | 1523 | 156 | 344 |
| 0.6 | 6 | 85 | 1156 | 118 | 260 | 1833 | 187 | 412 |
| 0.7 | 7 | 100 | 1343 | 137 | 302 | 2136 | 218 | 480 |

| Operating pressure | | | P200-100 | | | P200-200 | | | P200-300 | | |
|--------------------|----|-----|--------------------------|-----|-----|--------------------------|-----|-----|--------------------------|-----|------|
| | | | Theoretic force of press | | | Theoretic force of press | | | Theoretic force of press | | |
| MPa | KG | PSI | N | KG | LB | N | KG | LB | N | KG | LB |
| 0.4 | 4 | 57 | 1225 | 125 | 275 | 1775 | 181 | 400 | 2883 | 294 | 649 |
| 0.5 | 5 | 71 | 1523 | 156 | 344 | 2226 | 227 | 500 | 3609 | 368 | 811 |
| 0.6 | 6 | 85 | 1833 | 187 | 412 | 2668 | 272 | 600 | 4335 | 442 | 974 |
| 0.7 | 7 | 100 | 2136 | 218 | 480 | 3109 | 317 | 700 | 5051 | 415 | 1136 |

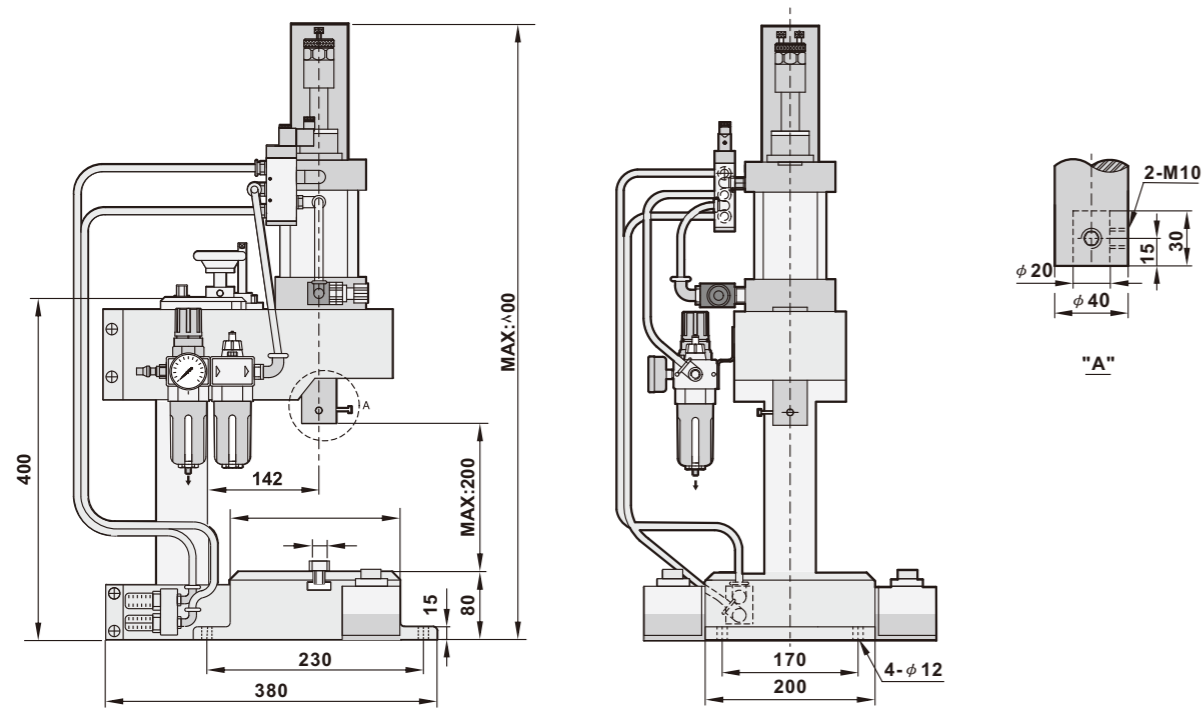
| Operating pressure | | | P300-500 | | | P300-900 | | |
|--------------------|----|-----|--------------------------|-----|------|--------------------------|------|------|
| | | | Theoretic force of press | | | Theoretic force of press | | |
| MPa | KG | PSI | N | KG | LB | N | KG | LB |
| 0.4 | 4 | 57 | 4413 | 450 | 992 | 7879 | 804 | 1771 |
| 0.5 | 5 | 71 | 5521 | 563 | 1241 | 9849 | 1105 | 2213 |
| 0.6 | 6 | 85 | 6620 | 675 | 1488 | 11819 | 1206 | 2656 |
| 0.7 | 7 | 100 | 7728 | 788 | 1737 | 13789 | 1407 | 3099 |

Dimensions

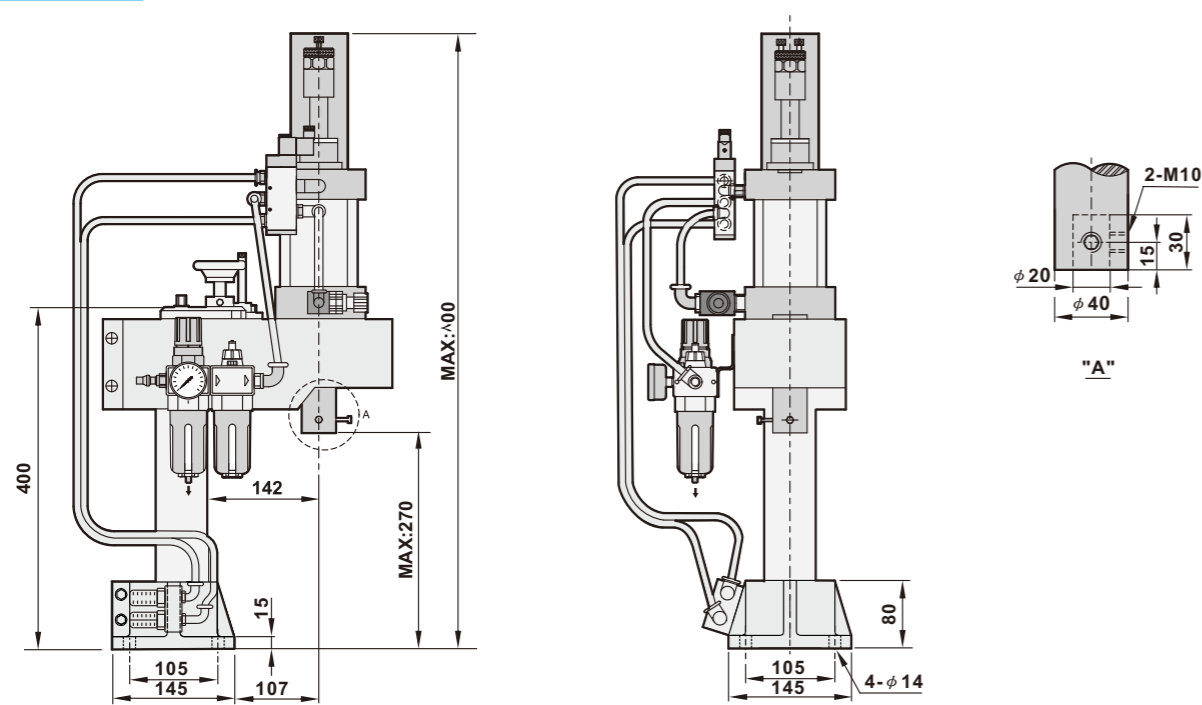


■ Dimensions

P200A series

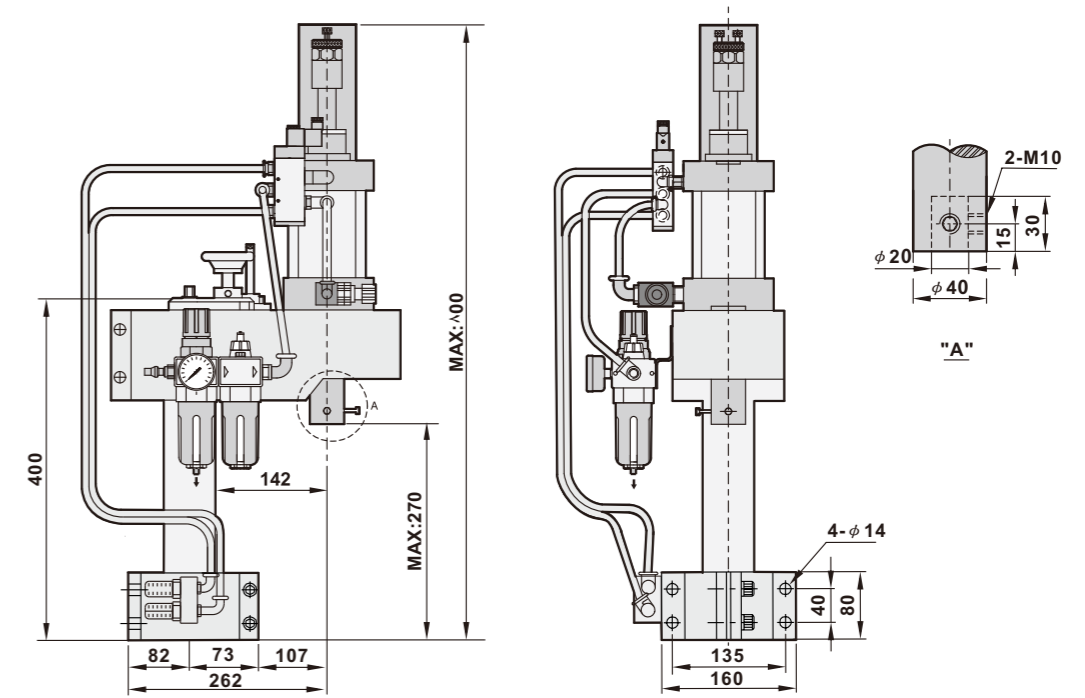


P200B series

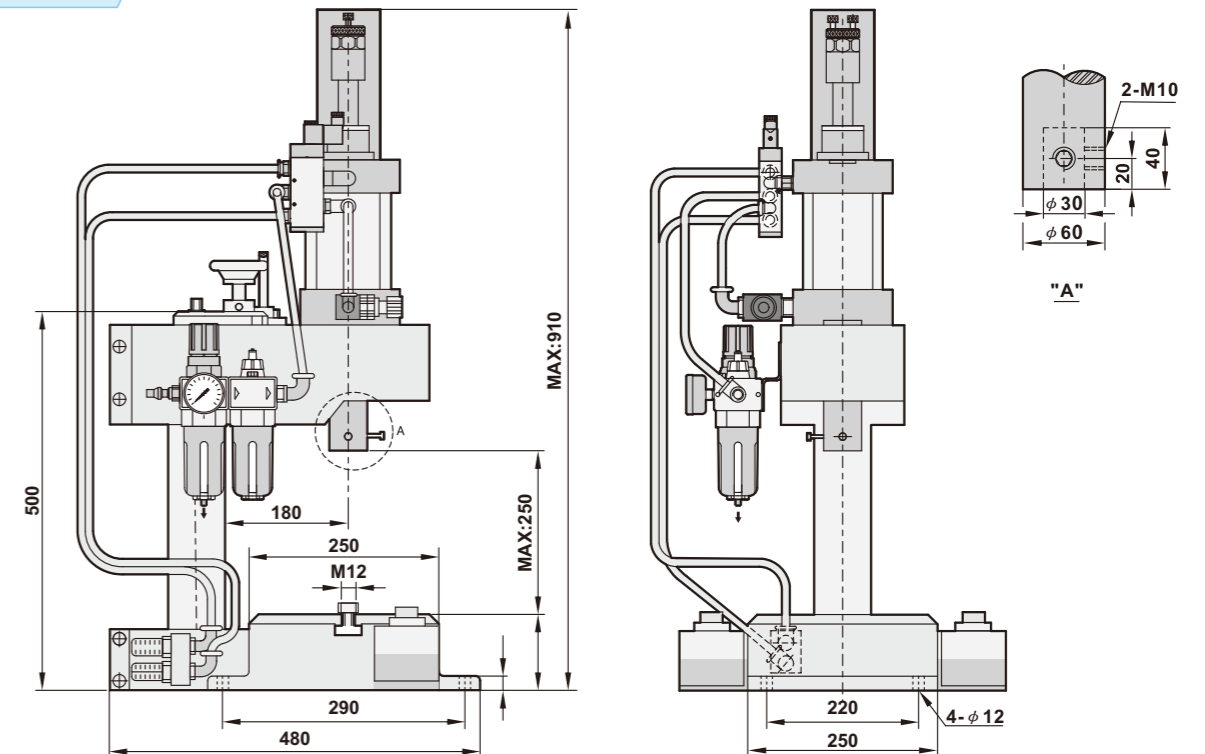


■ Dimensions

P200C series



P300 series



P Series Pneumatic Press

Introduction

ISO6431 cylinder adopts high quality seals made in Germany, it features stable, smooth and durable operation.

For stroke adjustment, please loosen fixed screws, then lock screws after complete adjustment.

Specific manifold and Namur valve.

Counter for quantity control of production.

Solenoid valve operation can be automatic or manual.

Timer for working time control.

Speed control valve for working speed setting.

Timer switch. Switch on is for automatic operation, and switch off is for manual operation.

FRL air treatments ensure stable air quality.

Power switch.

Silencer is for pollution and noise reduction.

Stainless steel SUS316 working table is strong and corrosion resistance .

Safety button
(For safety concerns, press left and right button at same time to operate.)

Memo...

