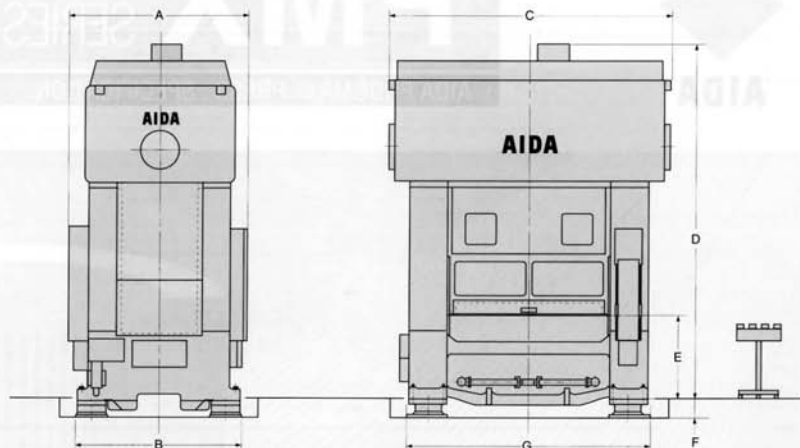


●Dimensions of PMX-1600, 2000, and 3000



⊕The dimension A denotes values when the control panel is mounted on the upright.

⊕The dimension F denotes values when vibration isolators Type HS are used.

(mm)

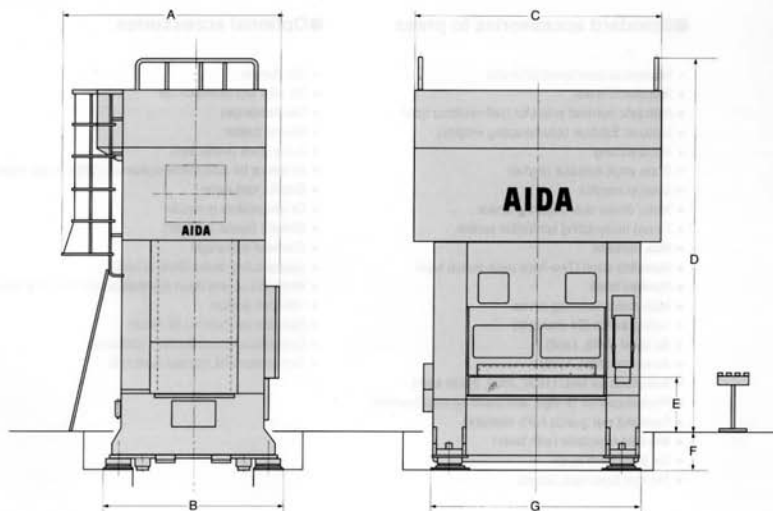
| | PMX-1600 | | PMX-2000 | | PMX-3000 | |
|---|--------------------------|--------------------------|--------------------------|--------------------------|---------------------------|---------------------------|
| | PMX-L2-1600(1) 120-75 | PMX-L2-2000(1) 155-83 | PMX-L2-2000(1) 185-88 | PMX-L2-3000(1) 185-88 | PMX-L2-3000(1) 215-100 | PMX-L2-3000(1) 245-120 |
| A | 1905 | 2245 | 2295 | 2295 | 2415 | 2535 |
| B | 1670 | 1870 | 1920 | 1920 | 2040 | 2600 |
| C | 2550 | 3000 | 3100 | 3520 | 3620 | 3890 |
| D | 3835 | 3885 | 4310 | | 4915 | 4645 |
| E | 960 | | 1040 | | 1170 | 900 |
| F | 175 | | 0 | | 0 | 455 |
| G | 1950 | 2360 | 2660 | 2820 | 3120 | 3460 |

●Press specifications

| Model | PMX-1600 | | PMX-2000 | | PMX-3000 | |
|-------------------------------------|--------------------------|------------------------------|--------------------------|--------------------------|---------------------------|---------------------------|
| | PMX-L2-1600(1) 120-75 | PMX-L2-2000(1) 155-83 | PMX-L2-2000(1) 185-88 | PMX-L2-3000(1) 185-88 | PMX-L2-3000(1) 215-100 | PMX-L2-3000(1) 245-120 |
| Capacity | kN | 1600 | 2000 | | 3000 | |
| Tonnage rating point | mm | 6 | 6.5 | | 6.5 | |
| Stroke length | mm | 120 150 | 200 | | 200 | |
| Strokes per minute under no load | spm | 70~150 | 60~130 | 50~120 | | 40~100 |
| Die height | mm | 350 400 | 475 (425) | | 550 | |
| Slide adjustment | mm | 60 | 100 | | 100 | |
| Slide area (L.R.×F.B.) | mm | 1200×750 | 1550×830 | 1850×880 | 1850×880 | 2150×1000 2450×1200 |
| Bolster area (L.R.×F.B.) | mm | 1200×750 | 1550×950 | 1850×950 | 1850×1000 | 2150×1000 2450×1200 |
| Bolster thickness | mm | 170 | 180 | | 200 | |
| Bolster top face height above floor | mm | 960 | 1040 | | 1170 | 900 |
| Main motor | kW | VS-30 | VS-30 | | VS-37 | |
| Micro-inching | spm | Approx.35 | Approx.35 | | Approx.30 | |
| Max upper die weight | t | 0.75 | 1 | | 1 | 1.5 |
| Side opening (F.B.×Height) | mm | 770×340 | 850×375 | 900×375 | 900×450 1020×450 | 1220×450 |
| Overall height above floor | mm | Approx. 3835 Approx. 3885 | Approx.4310 | | Approx.4915 | |
| Material of frame | | Cast iron | Cast iron | | Cast iron | Welded steel plate |

⊕In addition to the L-type link motion presses, S-type crank motion presses are also available.

●Dimensions of PMX-4000, 5000, and 6000



※The dimension F denotes values when vibration isolators Type HS are used.

(mm)

| | PMX-4000 | | PMX-5000 | | PMX-6000 |
|---|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|
| | PMX-L2-4000(1) 215-115 | PMX-L2-4000(1) 245-115 | PMX-L2-5000(1) 215-115 | PMX-L2-5000(1) 245-115 | PMX-L2-6000(1) 245-125 |
| A | 3480 | | 3480 | | 3740 |
| B | 2890 | | 2890 | | 3030 |
| C | 3910 | 4210 | 3990 | 4290 | 4360 |
| D | 5900 | 6150 | 6150 | | 6450 |
| E | 850 | | 850 | | 850 |
| F | 585 | 635 | 695 | 745 | 865 |
| G | 3330 | 3630 | 3370 | 3670 | 4050 |

●Press specifications

| Model | PMX-4000 | | PMX-5000 | | PMX-6000 |
|-------------------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|
| | PMX-L2-4000(1) 215-115 | PMX-L2-4000(1) 245-115 | PMX-L2-5000(1) 215-115 | PMX-L2-5000(1) 245-115 | PMX-L2-6000(1) 245-125 |
| Capacity | kN 4000 | | 5000 | | 6000 |
| Tonnage rating point | mm 6.5 | | 6.5 | | 10 |
| Stroke length | mm 200 | | 250 | | 250 |
| Strokes per minute under no load | spm 30~80 | 30~60 | 30~70 | | 30~70 |
| Die height | mm 650 | 700 | 700 | | 750 |
| Slide adjustment | mm 100 | | 100 | | 100 |
| Slide area (L.R.×F.B.) | mm 2150×1150 | 2450×1150 | 2150×1150 | 2450×1150 | 2450×1250 |
| Bolster area (L.R.×F.B.) | mm 2150×1250 | 2450×1250 | 2150×1250 | 2450×1250 | 2450×1400 |
| Bolster thickness | mm 270 | | 270 | | 270 |
| Bolster top face height above floor | mm 850 | | 850 | | 850 |
| Main motor | kW VS-55 | | SCR-75 | | SCR-90 |
| Micro-inching | spm Approx.10 | | Approx.10 | | Approx.10 |
| Max upper die weight | t 3 | | 3 | | 3 |
| Side opening (F.B.×Height) | mm 1170×550 | | 1170×600 | | 1270×650 |
| Overall height above floor | mm Approx.5900 | Approx.6150 | Approx.6150 | | Approx.6450 |
| Material of frame | Welded steel plate | | Welded steel plate | | Welded steel plate |

※Presses with specifications different from the above written standard specifications and presses with a capacity of 7000kN or more are also available.

●Standard accessories to press

- Stepless variable speed drive unit
- Wet clutch/brake
- Hydraulic overload protector (self-resetting type)
- Dynamic Balancer (counteracting weights)
- Micro-inching
- Crank angle indicator (digital)
- Overrun monitor
- Motor driven slide adjusting device
- Forced recirculating lubrication system
- Flow Indicator
- Operation stand (Two-hand push-button type)
- Flywheel brake
- Main motor reversing device
- Timing switch (24 channels)
- Air outlet (3/8B, 1unit)
- Air ejector (3/8B, 1unit)
- Receptacle for tools (100V, 200V, 2units each)
- Product counter (6-digit, with count-up stop function)
- Front and rear guards (with interlock)
- Mis-feed receptacle (with timer)
- Die block (with plug)
- Die light (spot light, 2units)

●Optional accessories

- Die clammer
- Die lifter and extension rail
- Die change cart
- Moving bolster
- Scrap chute (inside bed)
- Air device for automation equipment (3/8B, 4-way valve)
- Graphic load meter
- Oil temperature controller
- Oilmatic (heater & cooler)
- Overhead patrol light
- Optical safety device (front & back)
- Motorized up and down movable guards in front & back
- Vibration isolator
- Electrical interface for NC feeder
- Compliance with customer's standards
- Compliance with national standards

◊The specifications in this brochure are subject to change without notice.

◊Many other accessories than those listed above are available. Please contact AIDA for further information.

"This is provided for information purpose only. No representations are made as to fitness for any particular purpose or application. All products are sold subject to the standard warranty of AIDA Engineering, Ltd. and other terms and conditions of sale in the sales agreement between AIDA and the purchaser."



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