

■ Standard and Special Equipment

Standard Equipment	
Variable Speed Motor Control	
Wet-Type Clutch & Brake	
Hydraulic Overload Protector (Auto Reset Type)	
Dynamic Balancers (Counterweight Type)	*1
Micro Inching	*2
Crank Angle Indicator (Electronic)	
Overrun Monitor	
Motorized Slide Adjustment	
Forced Recirculation Lubrication System	
Oil Flow Indicators	
Operation Stand (Two-Hand Run Button Type)	
Flywheel Brake	*3
Main Motor Reversing Device	
Timing Switches (24 Channels)	
Air Outlet (3/8B x 1)	
Air Ejector (3/8B x 1)	
Tool Receptacles (100V & 200V (2 each))	
Production Counter (6-digit; Preset Quantity Stop Feature)	
Front/Back Safety Guards (Interlocked)	
Misfeed Receptacles (with Timing Control)	
Safety Block (with Safety Plug)	
Die Lighting (LED Spotlight x 2)	

Special Equipment	
Die Clamps	
Die Lifters & Extension Rails	
Die Change Cart	
Moving Bolster	
Scrap Chute (in Bed)	
Automation Air Device (3/8B; 4-Way Valve)	
Graphical Load Monitor	
Oil Temperature Control Device (Heater)	
OilMatic (Heater & Cooler)	
Warning Lights on Crown	
Light Curtains (Front/Back)	
Front/Back Motorized Safety Guards	
Vibration Absorbers	
Electrical Circuit for NC Feeder	
Compliance with Customer Standards	
Compliance with Any National Safety Standard	

Note: Items *1, *2 and *3 are standard equipment for mechanical presses only.

Note: These specifications may change without notice. There are many other types of special equipment available, so please consult with AIDA.

PROGRESSIVE PRESS

DSF-P Servo Press

PMX Mechanical press

Specifications Document



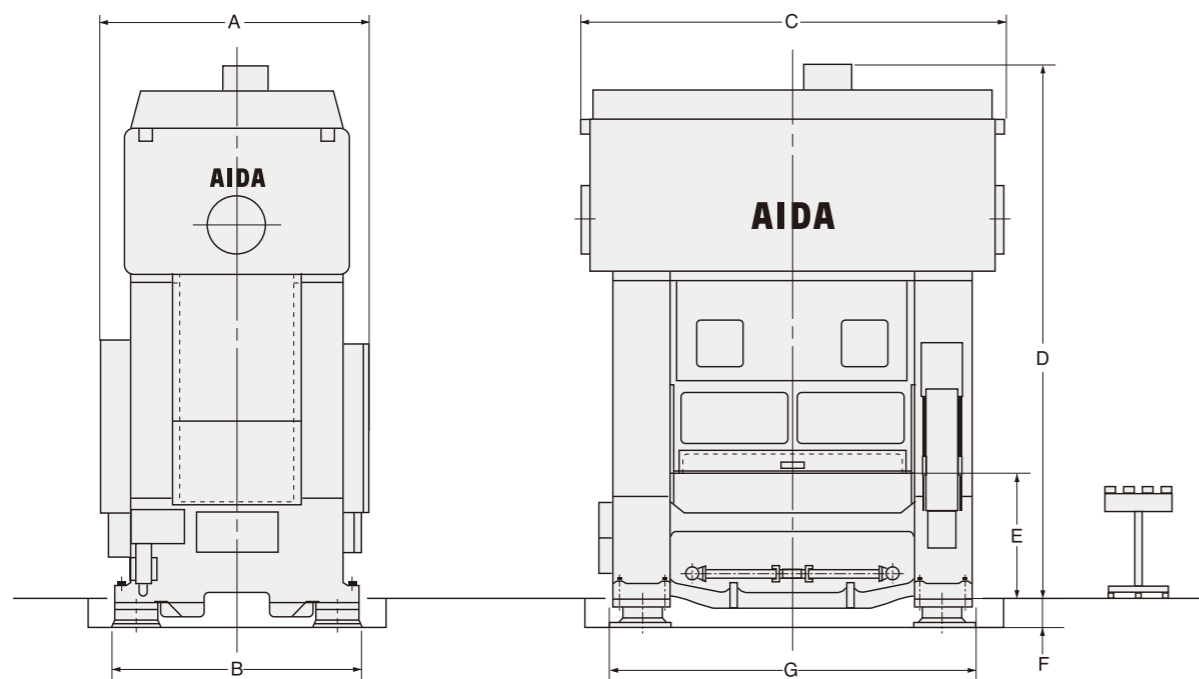
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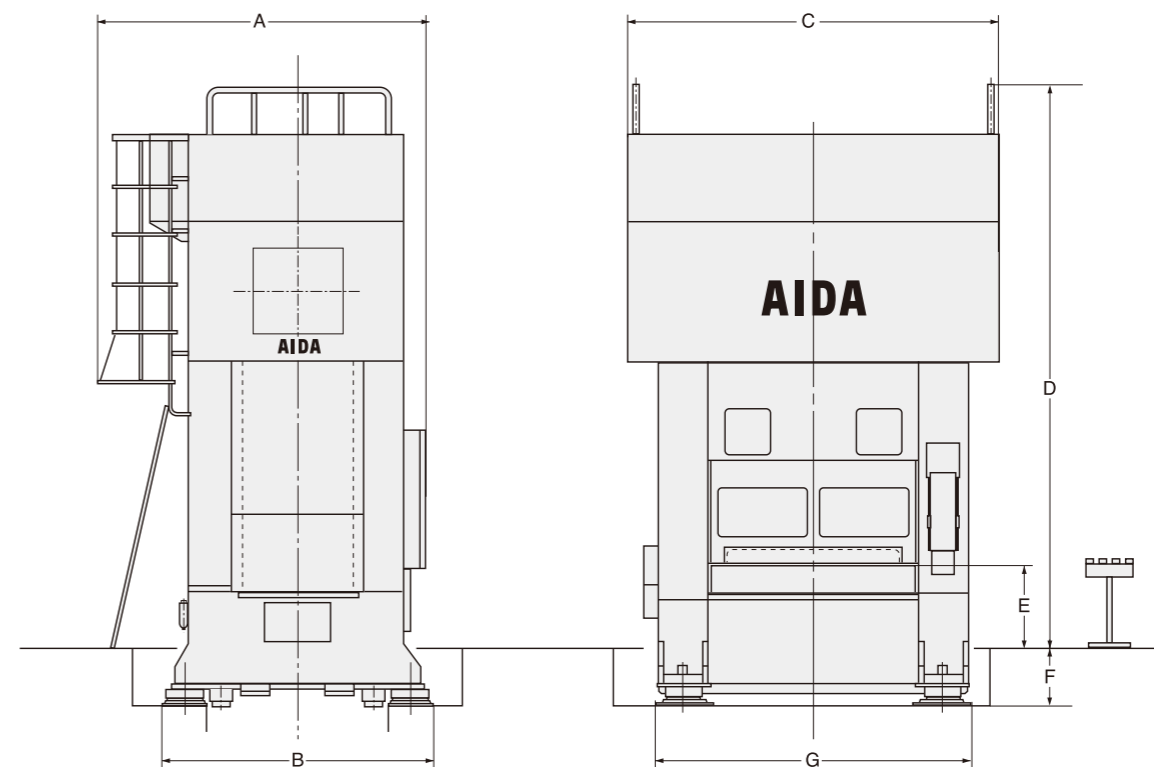
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PMX-2000 and PMX-3000 General Dimension Drawings



PMX-4000, -5000, -6000 and DSF-P2-4000 General Dimension Drawings



PMX-2000 and PMX-3000 General Dimensions and Press Specifications

Model	PMX-2000		PMX-3000			PMX-4000		PMX-5000		PMX-6000	Direct Servo Former DSF-P2-4000 245-115	
	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	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 Max. Front/Back Dimension (mm)	2245	2295	2295	2415	2535	3480		3480		3740	3600	
B Foundation Front/Back Dimension (mm)	1870	1920	1920	2040	2600	2890		2890		3030	2890	
C Max. Left/Right Dimension (mm)	3000	3100	3520	3620	3890	3910	4210	3990	4290	4360	4790	
D Total Height (mm)	4310		4915			5900	6150	6150		6450	6150	
E Working Height (mm)	1040		1170			850		850		850	850	
F Installation Dimensions (mm)	0		0			455	585	635	695	745	865	
G Foundation Left/Right Dimension (mm)	2360	2660	2820	3120	3460	3330	3630	3370	3670	4050	3630	
Capacity (kN)	2000		3000			4000		5000		6000	4000	
Rated Tonnage Point (mm)	6.5		6.5			6.5		6.5		10	6	
Stroke Length (mm)	200		200			200	300	250		250	250	
Stroke Speed (min ⁻¹)	50~120		40~100			30~80	30~60	30~70		30~70	1~80	
Die Height (mm)	475		550			650	700	700		750	700	
Slide Adjustment (mm)	100		100			100		100		100	100	
Slide Dimensions (L/R x F/B) (mm)	1550×830	1850×880	1850×880	2150×1000	2450×1200	2150×1150	2450×1150	2150×1150	2450×1150	2450×1250	2450×1150	
Bolster Dimensions (L/R x F/B) (mm)	1550×950	1850×950	1850×1000	2150×1000	2450×1200	2150×1250	2450×1250	2150×1250	2450×1250	2450×1400	2450×1250	
Bolster Thickness (mm)	180		200			270		270		270	270	
Height of Bolster Top above Floor (mm)	1040		1170			900	850	850		850	850	
Main Motor (kW)	INV · 30		INV · 37			INV · 55		INV · 75		INV · 90	Servo Motor	
Micro Inching (min ⁻¹)	approx. 35		approx. 30			approx. 10		approx. 10		approx. 10	—	
Max. Upper Die Weight (t)	1		1	1.5		3		3		3	3	
Side Opening (F/B x H) (mm)	850×375		900×450	1020×450	1220×450	1170×550		1170×600		1270×650	1170×550	
Total Height above Floor (mm)	approx. 4310		approx. 4915			approx. 4645	approx. 5900	approx. 6150	approx. 6150		approx. 6450	approx. 6150
Frame Material	Cast Iron		Cast Iron			Welded Steel Plates		Welded Steel Plates		Welded Steel Plates	Welded Steel Plates	

Note: Aside from 'L'-type link motion presses we also manufacture 'S'-type crank motion presses.

PMX-4000, -5000, and -6000 General Dimensions and Press Specifications

Model	PMX-2000		PMX-3000			PMX-4000		PMX-5000		PMX-6000	Direct Servo Former DSF-P2-4000 245-115	
	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	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 Max. Front/Back Dimension (mm)	2245	2295	2295	2415	2535	3480		3480		3740	3600	
B Foundation Front/Back Dimension (mm)	1870	1920	1920	2040	2600	2890		2890		3030	2890	
C Max. Left/Right Dimension (mm)	3000	3100	3520	3620	3890	3910	4210	3990	4290	4360	4790	
D Total Height (mm)	4310		4915			5900	6150	6150		6450	6150	
E Working Height (mm)	1040		1170			850		850		850	850	
F Installation Dimensions (mm)	0		0			455	585	635	695	745	865	
G Foundation Left/Right Dimension (mm)	2360	2660	2820	3120	3460	3330	3630	3370	3670	4050	3630	
Capacity (kN)	2000		3000			4000		5000		6000	4000	
Rated Tonnage Point (mm)	6.5		6.5			6.5		6.5		10	6	
Stroke Length (mm)	200		200			200	300	250		250	250	
Stroke Speed (min ⁻¹)	50~120		40~100			30~80	30~60	30~70		30~70	1~80	
Die Height (mm)	475		550			650	700	700		750	700	
Slide Adjustment (mm)	100		100			100		100		100	100	
Slide Dimensions (L/R x F/B) (mm)	1550×830	1850×880	1850×880	2150×1000	2450×1200	2150×1150	2450×1150	2150×1150	2450×1150	2450×1250	2450×1150	
Bolster Dimensions (L/R x F/B) (mm)	1550×950	1850×950	1850×1000	2150×1000	2450×1200	2150×1250	2450×1250	2150×1250	2450×1250	2450×1400	2450×1250	
Bolster Thickness (mm)	180		200			270		270		270	270	
Height of Bolster Top above Floor (mm)	1040		1170			900	850	850		850	850	
Main Motor (kW)	INV · 30		INV · 37			INV · 55		INV · 75		INV · 90	Servo Motor	
Micro Inching (min ⁻¹)	approx. 35		approx. 30			approx. 10		approx. 10		approx. 10	—	
Max. Upper Die Weight (t)	1		1	1.5		3		3		3	3	
Side Opening (F/B x H) (mm)	850×375		900×450	1020×450	1220×450	1170×550		1170×600		1270×650	1170×550	
Total Height above Floor (mm)	approx. 4310		approx. 4915			approx. 4645	approx. 5900	approx. 6150	approx. 6150		approx. 6450	approx. 6150
Frame Material	Cast Iron		Cast Iron			Welded Steel Plates		Welded Steel Plates		Welded Steel Plates	Welded Steel Plates	

Note: We can also manufacture presses with non-standard specifications and with capacities of 7000 kN and higher.

Note: Please contact AIDA for DSF Series press specifications.