MULTI-SUSPENSION PRESS

MSP SERIES Specifications Sheet

AIDA

■ Press Specifications

We can accommodate power sources of any voltage and frequency.

Model	(Unit)	MSP-2200-200	MSP-3000-230	MSP-3000-270	MSP-3000-330	MSP-3000-370	MSP-4000-430	MSP-4000-280	MSP-4000-330
No. of Points		3	3	3	4	4	4	4	4
Tonnage Capacity	(kN)	2200	3000	3000	3000	3000	4000	4000	4000
Rated Tonnage Point	(mm)	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2
Stroke Length	(mm)	30	30	30	30	30	30	30	30
Continuous Working Energy	(J)	2000	3000	3000	3000	3000	4000	4000	4000
Strokes Per Minute (No Load)	(min^{-1})	120-500	120-450	100-420	100-410	100-360	100-340	100-350	100-300
Micro Inching	(min^{-1})	60	60	60	60	60	60	60	60
Die Height	(mm)	420-480	420-520	470-520	520-620	520-620	600-650	500-600	600-700
Slide Adjustment	(mm)	60	60	60	60	60	60	60	60
Slide Area	(mm)	2000 x 800	2300 x 800	2700 x 800	3300 x 900	3700 x 1000	4300 x 1100	2800 x 900	3300 x 900
Bolster Area	(mm)	2000 x 1000	2300 x 1000	2700 x 1000	3300 x 1000	3700 x 1200	4300 x 1200	2800 x 1200	3300 x 1200
Bolster Thickness	(mm)	200-260	210-260	250-300	250-300	250-300	250-300	250-300	250-300
Max. Upper Die Weight	(kg)	1800 ＊1	2000	2300	3200	4000	4700	2500	3000
Side Opening	(mm)	490	490	490	530	530	660	980	980
Bed Hole Dimension	(mm)	1700 x 400	2000 x 400	2400 x 400	3000 x 500	3400 x 500	4030 x 600	2500 x 500	3000 x 500
Main Motor	(kW)	45	55	55	55	37 x 2	37 x 2	75	75
Required Air Pressure	(MPa)	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5

＊1 There may be spm restrictions depending on the upper die weight.

■AIDA High-Speed Line Specifications

Model		450 mm Width		600 mm Width	
Coil Weight	(kg)	MAX.5000×1		MAX.5000×1	
Coil I.D.	(mm)	ϕ508		ϕ508	
Coil O.D.	(mm)	MAX.ϕ1500		MAX.ϕ1500	
Coil Material Width	(mm)	100～450		150～600	
Coil Material Thickness	(mm)	0.15～0.5		0.15～0.5	
Line Speed	(m/min)	15～120	＊2	15～130	＊2
Line Strokes per Minute	(min^{-1})	100～450	＊2	100～450	＊2

＊2 This can vary depending on the feed conditions.

■Standard & Optional Equipment

There are many other types of auxiliary equipment available, so please consult with AIDA regarding your specific requirements. (These specifications may change without notice.)

Standard Equipment

- Slide Subplate (Material: Duralumin)
- Variable Speed Motor Control
- Flywheel Brake (Electrical Braking Type)
- Hydraulic Unsticker Device
- Crank Angle Indicator
- Slide Adjustment Device
- Die Height Indicator (Min. Unit: 0.01 mm)
- Dynamic Balancer
- Reversing Device
- Recipe Data Bank
- Forced Recirculation Lubrication System
- Oil Temperature Control Unit
- Front/Rear Vertically Operated Safety Guards (Inching Pushbutton Operation Type)
- Vibration Mounts
- Operation Stand
- High-Rigidity Needle Roller Guideposts
- Die Height Auto-Reset
- AiCARE - HS＊3

＊3 As there are regions where this cannot be used as well as other limitations, please consult with AIDA.

Special Auxiliary Equipment

- BDC Auto-Compensation Device (A.I.M.)
- Work Area Lighting
- Presence-Sensing Devices
- Safety Blocks
- Stacked Signal Light
- Multifunction Die Monitor
- Residual Scrap Detector
- Earth Leakage Breaker
- Tonnage Monitor
- Scrap Chutes
- QDC Systems
- High-Speed Feeder
- Material Oil Coater
- Servo Index Drive
- Scrap Cutter
- Coil Line
- Die Change Cart
- Sound Enclosure
- Coil Welder
- Magnetic Clamping System

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