

# SAG · SLG SERIES

## Standard Attachments

- Counter Balancer
- Hydraulic Overload Protection
- Motorized Slide Adjustment
- Programmable Cam Switches
- SPM and Crank Angle Displays
- Total Counter - 1 Set
- Batch Counter - 1 Set
- Maintenance Counter - 1 Set
- Misfeed Socket - 2 Sets
- Air Outlet – 2 Sets
- Air Ejector – 1 Set
- Main Motor with Inverter
- Main Motor FWD/REV Controller
- Overrun Prevention Safety Device
- Electrical Stuck Die Relief Device
- Automatic Recirculating Lubrication System
- Stand-alone Operating Console
- Touch Panel
- Wet-Type Clutch & Brake
- Dual Check Safety Electrical Circuit
- Large, Key-locked Emergency Stop Button – 6 Sets
- Die Lighting Device
- Safety Fence
- Ladder
- Portable Operating Stand
- Maintenance Tool Box

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## Optional Attachments

- Die Cushion
- Die Cushion Stroke Adjustment
- Die Cushion Locking Device
- Die Cushion Pin Lifting Device
- Light Curtain
- Quick Die Change System
- Moving Bolster
- Knockout Device
- Tonnage Indicator
- Pressured Air Supply for Automation
- Absorber Mount
- Safety Door
- Safety Block
- Work Area Light
- Flywheel Brake (SAG-800 & SLG-800 above - 2 Sets)

# SE • SEL SERIES

## Standard Attachments

- Counter Balancer
- Auto Counter Balancer Pressure Adjustment
- Hydraulic Overload Protection
- Auto Die Height Adjustment
- Programmable Cam Switches
- SPM and Crank Angle Displays
- Total Counter - 1 Set
- Batch Counter - 1 Set
- Maintenance Counter - 1 Set
- Misfeed Socket - 2 Sets
- Air Outlet – 1 Set
- Air Ejector – 1 Set
- Main Motor with Inverter
- Main Motor FWD/REV Controller
- Electrical Stuck Die Relief Device
- Automatic Recirculating Lubrication System
- Embedded Operating Console
- Touch Panel
- Wet-Type Clutch & Brake
- Dual Check Safety Electrical Circuit
- Large, Key-locked Emergency Stop Button – 5 Sets
- Die Lighting Device
- Safety Fence
- Ladder
- Portable Operating Stand
- Maintenance Tool Box

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## Optional Attachments

- Die Cushion
- Die Cushion Stroke Adjustment
- Die Cushion Locking Device
- Die Cushion Pin Lifting Device
- Light Curtain
- Quick Die Change System
- Moving Bolster
- Tonnage Indicator
- Pressured Air Supply for Automation
- Absorber Mount
- Safety Door
- Safety Block
- Work Area Light
- Flywheel Brake (SE-800 & SEL-800 above - 2 Sets)

# SAG · SAG4 series

Model		SAG-300		SAG-400		SAG-500		SAG-600		SAG-800		SAG-1000		SAG-1200		SAG4-400		SAG4-500		SAG4-600		SAG4-800		SAG4-1000		SAG4-1200		
Type		S	H	S	H	S	H	S	H	S	H	S	H	S	H	S	H	S	H	S	H	S	H	S	H	S	H	
Tonnage Capacity		tf	300		400		500		600		800		1000		1200		400		500		600		800		1000		1200	
Stroke Length		mm	300	200	400	250	450	250	450	250	450	300	450	300	450	300	400	250	450	250	450	250	450	300	450	300	450	300
Stroke per Minute		S.P.M.	15~30	25~50	15~26	25~50	12~22	25~50	12~22	25~50	10~20	20~40	10~20	20~40	10~20	20~40	15~26	25~50	12~22	25~50	12~22	25~50	10~20	20~40	10~20	20~40	10~20	20~40
Rated Tonnage Point		mm	13	6.5	13	6.5	13	6.5	13	6.5	13	6.5	13	6.5	13	6.5	13	6.5	13	6.5	13	6.5	13	6.5	13	6.5	13	6.5
Die Height		mm	600		700		700		700		800		800		800		700		700		700		800		800		800	
Slide Adjustment		mm	200		250		250		250		300		300		300		200		250		250		300		300		300	
Slide Area (L.R. × F.B.)	1	mm	2200×1200		2500×1400		2500×1450		2500×1550		2800×1550		3100×1550		3400×1550		2500×2000		2500×2000		2500×2000		2800×2200		3100×2200		3400×2200	
	2		2500×1200		2800×1400		2800×1450		2800×1550		3100×1550		3400×1550		3700×1550		2800×2000		2800×2000		2800×2000		3100×2200		3400×2200		3700×2200	
	3		2800×1200		3100×1400		3100×1450		3100×1550		3400×1550		3700×1550		4000×1550		3100×2000		3100×2000		3100×2000		3400×2200		3700×2200		4000×2200	
	4		3100×1200		3400×1400		3400×1450		3400×1550		3700×1550		4000×1550		4300×1550		3400×2000		3400×2000		3400×2000		3700×2200		4000×2200		4300×2200	
Bolster Area (L.R. × F.B.)	1	mm	2200×1370		2500×1400		2500×1450		2500×1550		2800×1550		3100×1550		3400×1550		2500×2000		2500×2000		2500×2000		2800×2200		3100×2200		3400×2200	
	2		2500×1370		2800×1400		2800×1450		2800×1550		3100×1550		3400×1550		3700×1550		2800×2000		2800×2000		2800×2000		3100×2200		3400×2200		3700×2200	
	3		2800×1370		3100×1400		3100×1450		3100×1550		3400×1550		3700×1550		4000×1550		3100×2000		3100×2000		3100×2000		3400×2200		3700×2200		4000×2200	
	4		3100×1370		3400×1400		3400×1450		3400×1550		3700×1550		4000×1550		4300×1550		3400×2000		3400×2000		3400×2000		3700×2200		4000×2200		4300×2200	
Bolster Thickness		mm	180		180		180		250		250		250		300		180		180		250		250		250		300	
Window Opening	Bolster Only	mm	1000×500		1100×600		1200×600		1300×600		1500×700		1500×700		1500×700		1800×600		1800×600		1800×600		2000×700		2000×700		2000×700	
	Front to Back Moving Bolster		1000×500		1100×600		1200×600		1300×600		1500×700		1500×700		1500×700		1800×600		1800×600		1800×600		2000×700		2000×700		2000×700	
	Left to Right Moving Bolster		1670×700		1700×800		1750×800		1850×800		1850×900		1850×900		1850×900		2300×800		2300×800		2300×800		2500×900		2500×900		2500×900	
Upper Die Weight		kgf	3000		4000		4500		5000		5500		6000		7000		7000		7000		8000		9000		9000		10000	
Air Pressure Required		kgf/cm <sup>2</sup>	6		6		6		6		6		6		6		6		6		6		6		6		6	
Bolster Height	Fixed Bolster	mm	850		850		850		850		850		850		850		660		660		660		660		740		740	
	Moving Bolster		660		660		660		660		660		740		740		660		660		660		660		740		740	
Main Motor	W/O Die Cushion	HP×P	50×4		60×4		75×4		75×4		100×4		125×4		125×4		60×4		75×4		75×4		100×4		125×4		125×4	
	W/ Die Cushion		50×4		60×4		75×4		75×4		100×4		125×4		150×4		60×4		75×4		75×4		100×4		125×4		150×4	
Die Cushion	Type		bellows		cylinder		cylinder		cylinder		cylinder*		cylinder*		cylinder*		cylinder		cylinder		cylinder		cylinder		cylinder		cylinder	
	Capacity	tf	55		60		80		100		120**		150		200		60		80		100		—		120*		—	
	Length of Stroke	mm	150		200		220		220		220		220		220		200		220		220		—		220		—	
	Adjustment	mm	—		200		220		220		220		220		220		200		220		220		—		220		—	
Die Cushion Area (L.R. × F.B.)	1	mm	1700×900		—		2000×900		—		2000×950		—		2300×1300		—		2600×1300		—		2900×1300		—		3200×1300	
	2		2000×900		—		2300×900		—		2300×950		—		2600×1300		—		2900×1300		—		3200×1300		—		3500×1500	
	3		2300×900		—		2600×900		—		2600×950		—		2900×1300		—		3200×1300		—		3500×1300		—		3800×1500	
	4		2600×900		—		2900×900		—		2900×950		—		3200×1300		—		3500×1300		—		3800×1300		—		4100×1500	

\* For selecting 120T, 150T and 200T air cylinder die cushions, bolster area in FB should be at least 1700mm.

\*\* For SAG-800-1, only 100T die cushion is available.

※ This specification is subject to change without notice.

\* For SAG4-800-1, only 100T die cushion is available.

※ This specification is subject to change without notice.

# SLG · SLG4 series

Model		SLG-300		SLG-400		SLG-500		SLG-600		SLG-800		SLG-1000		SLG-1200		SLG4-400		SLG4-500		SLG4-600		SLG4-800		SLG4-1000		SLG4-1200																				
Type		S	H	S	H	S	H	S	H	S	H	S	H	S	H	S	H	S	H	S	H	S	H	S	H	S	H																			
Tonnage Capacity		300		400		500		600		800		1000		1200		400		500		600		800		1000		1200																				
Stroke Length		300	200	400	250	450	250	450	250	450	300	450	300	450	300	400	250	450	250	450	250	450	300	450	300	450	300																			
Stroke per Minute		S.P.M.	15~30	25~50	15~26	25~50	12~22	25~50	12~22	25~50	10~20	20~40	10~20	20~40	10~20	20~40	15~26	25~50	12~22	25~50	12~22	25~50	10~20	20~40	10~20	20~40	10~20	20~40																		
Rated Tonnage Point		mm	13	6.5	13	6.5	13	6.5	13	6.5	13	6.5	13	6.5	13	6.5	13	6.5	13	6.5	13	6.5	13	6.5	13	6.5	13	6.5																		
Die Height		mm	600		700		700		700		800		800		800		700		700		700		800		800		800																			
Slide Adjustment		mm	200		250		250		250		300		300		300		250		250		250		300		300		300																			
Slide Area (L.R. × F.B.)	1	mm	2200×1200		2500×1400		2500×1450		2500×1550		2800×1550		3100×1550		3400×1550		2500×2000		2500×2000		2500×2000		2800×2200		3100×2200		3400×2200																			
	2		2500×1200		2800×1400		2800×1450		2800×1550		3100×1550		3400×1550		3700×1550		2800×2000		2800×2000		2800×2000		3100×2200		3400×2200		3700×2200																			
	3		2800×1200		3100×1400		3100×1450		3100×1550		3400×1550		3700×1550		4000×1550		3100×2000		3100×2000		3100×2000		3400×2200		3700×2200		4000×2200																			
	4		3100×1200		3400×1400		3400×1450		3400×1550		3700×1550		4000×1550		4300×1550		3400×2000		3400×2000		3400×2000		3700×2200		4000×2200		4300×2200																			
Bolster Area (L.R. × F.B.)	1	mm	2200×1370		2500×1400		2500×1450		2500×1550		2800×1550		3100×1550		3400×1550		2500×2000		2500×2000		2500×2000		2800×2200		3100×2200		3400×2200																			
	2		2500×1370		2800×1400		2800×1450		2800×1550		3100×1550		3400×1550		3700×1550		2800×2000		2800×2000		2800×2000		3100×2200		3400×2200		3700×2200																			
	3		2800×1370		3100×1400		3100×1450		3100×1550		3400×1550		3700×1550		4000×1550		3100×2000		3100×2000		3100×2000		3400×2200		3700×2200		4000×2200																			
	4		3100×1370		3400×1400		3400×1450		3400×1550		3700×1550		4000×1550		4300×1550		3400×2000		3400×2000		3400×2000		3700×2200		4000×2200		4300×2200																			
Bolster Thickness		mm	180		180		180		250		250		250		300		180		180		250		250		250		300																			
Window Opening	Bolster Only	mm	1000×500		1100×600		1200×600		1300×600		1500×700		1500×700		1500×700		1800×600		1800×600		1800×600		2000×700		2000×700		2000×700																			
	Front to Back Moving Bolster		1000×500		1100×600		1200×600		1300×600		1500×700		1500×700		1500×700		1800×600		1800×600		1800×600		2000×700		2000×700		2000×700																			
	Left to Right Moving Bolster		1670×700		1700×800		1750×800		1850×800		1850×900		1850×900		1850×900		2300×800		2300×800		2300×800		2500×900		2500×900		2500×900																			
Upper Die Weight		kgf	3000		4000		4500		5000		5500		6000		7000		7000		7000		8000		9000		9000		10000																			
Air Pressure Required		kgf/cm <sup>2</sup>	6		6		6		6		6		6		6		6		6		6		6		6		6																			
Bolster Height	Fixed Bolster	mm	850		850		850		850		850		850		850		660		660		660		660		740		740																			
	Moving Bolster		660		660		660		660		660		740		740		660		660		660		660		740		740																			
Main Motor	W/O Die Cushion	HP×P	50×4		60×4		75×4		75×4		100×4		125×4		125×4		60×4		75×4		75×4		100×4		125×4		125×4																			
	W/ Die Cushion		50×4		60×4		75×4		75×4		100×4		125×4		150×4		60×4		75×4		75×4		100×4		125×4		150×4																			
Die Cushion	Type		bellows		cylinder		cylinder		cylinder		cylinder*		cylinder*		cylinder*		cylinder		cylinder		cylinder		cylinder		cylinder		cylinder																			
	Capacity	tf	55		60		80		100		120**		150		200		60		80		100		—		120*		—		150		—		200		—											
	Length of Stroke	mm	150		200		220		220		220		220		220		200		220		220		—		220		—		220		—		220		—											
	Adjustment	mm	—		200		220		220		220		220		220		200		220		220		—		220		—		220		—		220		—											
Die Cushion Area (L.R. × F.B.)	1	mm	1700×900		—		2000×900		—		2000×950		—		2300×1300		—		2600×1300		—		2900×1300		—		2000×1300		2000×1300		2000×1300		—		2300×1500		—		2600×1500		—		2900×1500		—	
	2		2000×900		—		2300×900		—		2300×950		—		2600×1300		—		2900×1300		—		3200×1300		—		2300×1300		2300×1300		2300×1300		—		2600×1500		—		2900×1500		—		3200×1500		—	
	3		2300×900		—		2600×900		—		2600×950		—		2900×1300		—		3200×1300		—		3500×1300		—		2600×1300		2600×1300		2600×1300		—		2900×1500		—		3200×1500		—		3500×1500		—	
	4		2600×900		—		2900×900		—		2900×950		—		3200×1300		—		3500×1300		—		3800×1300		—		2900×1300		2900×1300		2900×1300		—		3200×1500		—		3500×1500		—		3800×1500		—	

\* For selecting 120T, 150T and 200T air cylinder die cushions, bolster area in FB should be at least 1700mm.

\*\* For SLG-800-1, only 100T die cushion is available.

※ This specification is subject to change without notice.

\* For SLG4-800-1, only 100T die cushion is available.

※ This specification is subject to change without notice.

# SE2 · SE4 series

Model		SE2-400		SE2-500		SE2-600		SE2-800	SE2-1000	SE2-1200	SE4-400	SE4-500	SE4-600	SE4-800	SE4-1000	SE4-1200	SE4-1600	SE4-2000	SE4-2400	
Type		S	H	S	H	S	H	S	S	S	S	S	S	S	S	S	S	S	S	
Tonnage Capacity	tf	400		500		600		800	1000	1200	400	500	600	800	1000	1200	1600	2000	2400	
Stroke Length	mm	500		500		500		600	600	800	500	500	500	600	600	800	800	900	1000	
Stroke per Minute	S.P.M.	15~26		12~24		12~22		10~18	10~18	10~18	15~26	12~24	12~22	10~20	10~20	10~20	10~20	10~20	10~20	
Rated Tonnage Point	mm	13	6.5	13	6.5	13	6.5	13	13	13	13	13	13	13	13	13	13	13	13	
Die Height	mm	700		800		800		1000	1000	1100	700	800	800	1000	1000	1100	1200	1300	1400	
Slide Adjustment	mm	300		400		400		400	400	500	300	400	400	400	400	500	500	600	600	
Slide Area (L.R. × F.B.)	1	mm	2500×1400		2500×1450		2500×1550		2800×1700	3100×1700	3400×1700	2500×2000	2500×2000	2500×2000	2800×2200	3100×2200	3400×2200	3400×2200	4000×2200	4000×2200
	2		2800×1400		2800×1450		2800×1550		3100×1700	3400×1700	3700×1700	2800×2000	2800×2000	2800×2000	3100×2200	3400×2200	3700×2200	3700×2200	4300×2200	4300×2200
	3		3100×1400		3100×1450		3100×1550		3400×1700	3700×1700	4000×1700	3100×2000	3100×2000	3100×2000	3400×2200	3700×2200	4000×2200	4000×2200	4600×2200	4600×2200
	4		3400×1400		3400×1450		3400×1550		3700×1700	4000×1700	4300×1700	3400×2000	3400×2000	3400×2000	3700×2200	4000×2200	4300×2200	4300×2200	4900×2200	4900×2200
Bolster Area (L.R. × F.B.)	1	mm	2500×1400		2500×1450		2500×1550		2800×1700	3100×1700	3400×1700	2500×2000	2500×2000	2500×2000	2800×2200	3100×2200	3400×2200	3400×2200	4000×2200	4000×2200
	2		2800×1400		2800×1450		2800×1550		3100×1700	3400×1700	3700×1700	2800×2000	2800×2000	2800×2000	3100×2200	3400×2200	3700×2200	3700×2200	4300×2200	4300×2200
	3		3100×1400		3100×1450		3100×1550		3400×1700	3700×1700	4000×1700	3100×2000	3100×2000	3100×2000	3400×2200	3700×2200	4000×2200	4000×2200	4600×2200	4600×2200
	4		3400×1400		3400×1450		3400×1550		3700×1700	4000×1700	4300×1700	3400×2000	3400×2000	3400×2000	3700×2200	4000×2200	4300×2200	4300×2200	4900×2200	4900×2200
Bolster Thickness	mm	180		180		250		250	250	300	180	180	250	250	250	300	300	300	300	
Window Opening	Bolster Only	mm	1200×600		1200×700		1350×700		1500×900	1500×900	1500×1000	1800×600	1800×700	1800×700	2000×900	2000×900	2000×1000	2000×1100	2000×1200	2000×1300
	Front to Back Moving Bolster		1200×600		1200×700		1350×700		1500×900	1500×900	1500×1000	1800×600	1800×700	1800×700	2000×900	2000×900	2000×1000	2000×1100	2000×1200	2000×1300
	Left to Right Moving Bolster		1700×800		1750×900		1850×900		2000×1100	2000×1100	2000×1200	2300×800	2300×900	2300×900	2500×1100	2500×1100	2500×1200	2500×1300	2500×1400	2500×1500
Upper Die Weight	kgf	5000		6000		6000		7000	7000	8000	800	800	9000	10000	10000	11000	13000	15000	20000	
Air Pressure Required	kgf/cm <sup>2</sup>	6		6		6		6	6	6	6	6	6	6	6	6	6	6	6	
Bolster Height	Fixed Bolster	mm	850		850		850		850	850	850	660	660	660	660	740	740	740	740	740
	Moving Bolster		660		660		660		660	740	740									
Main Motor	W/O Die Cushion	HP×P	60×4		75×4		75×4		100×4	125×4	125×4	60×4	75×4	75×4	100×4	125×4	125×4	175×4	200×4	250×4
	W/ Die Cushion		60×4		75×4		75×4		100×4	125×4										
Die Cushion	Type		cylinder		cylinder		cylinder		cylinder	cylinder	cylinder	cylinder	cylinder	cylinder	cylinder	cylinder	cylinder	cylinder	cylinder	
	Capacity	tf	60		80		100		120*	150	200	60	80	100	120*	150	200	240	300	300
	Length of Stroke	mm	200		220		220		220	220	220	200	220	220	250	250	250	250	300	300
	Adjustment	mm	200		220		220		220	220	220	200	220	220	250	250	250	250	300	300
Die Cushion Area (L.R. × F.B.)	1	mm	2000×900	—	2000×950	—	2000×950	—	2300×1300	2600×1300	2900×1300	2000×1300	2000×1300	2000×1300	2300×1500	2600×1500	2900×1500	2900×1500	3500×1500	3500×1500
	2		2300×900	—	2300×950	—	2300×950	—	2600×1300	2900×1300	3200×1300	2300×1300	2300×1300	2300×1300	2600×1500	2900×1500	3200×1500	3200×1500	3800×1500	3800×1500
	3		2600×900	—	2600×950	—	2600×950	—	2900×1300	3200×1300	3500×1300	2600×1300	2600×1300	2600×1300	2900×1500	3200×1500	3500×1500	3500×1500	4100×1500	4100×1500
	4		2900×900	—	2900×950	—	2900×950	—	3200×1300	3500×1300	3800×1300	2900×1300	2900×1300	2900×1300	3200×1500	3500×1500	3800×1500	3800×1500	4400×1500	4400×1500

\* For SE2-800-1, only 100T die cushion is available.  
 ※ This specification is subject to change without notice.

\* For SE4-800-1, only 100T die cushion is available.  
 ※ This specification is subject to change without notice.

# SEL2 · SEL4 series

Model		SEL2-400		SEL2-500		SEL2-600		SEL2-800	SEL2-1000	SEL2-1200	SEL4-400	SEL4-500	SEL4-600	SEL4-800	SEL4-1000	SEL4-1200	SEL4-1600	SEL4-2000	SEL4-2400	
Type		S	H	S	H	S	H	S	S	S	S	S	S	S	S	S	S	S	S	
Tonnage Capacity	tf	400		500		600		800	1000	1200	400	500	600	800	1000	1200	1600	2000	2400	
Stroke Length	mm	500		500		500		600	600	800	500	500	500	600	600	800	800	900	1000	
Stroke per Minute	S.P.M.	15~26		12~24		12~22		10~18	10~18	10~18	15~26	12~24	12~22	10~20	10~20	10~20	10~20	10~20	10~20	
Rated Tonnage Point	mm	13	6.5	13	6.5	13	6.5	13	13	13	13	13	13	13	13	13	13	13	13	
Die Height	mm	700		800		800		1000	1000	1100	700	800	800	1000	1000	1100	1200	1300	1400	
Slide Adjustment	mm	300		400		400		400	400	500	300	400	400	400	400	500	500	600	600	
Slide Area (L.R. × F.B.)	1	mm	2500×1400		2500×1450		2500×1550		2800×1700	3100×1700	3400×1700	2500×2000	2500×2000	2500×2000	2800×2200	3100×2200	3400×2200	3400×2200	4000×2200	4000×2200
	2		2800×1400		2800×1450		2800×1550		3100×1700	3400×1700	3700×1700	2800×2000	2800×2000	2800×2000	3100×2200	3400×2200	3700×2200	3700×2200	4300×2200	4300×2200
	3		3100×1400		3100×1450		3100×1550		3400×1700	3700×1700	4000×1700	3100×2000	3100×2000	3100×2000	3400×2200	3700×2200	4000×2200	4000×2200	4600×2200	4600×2200
	4		3400×1400		3400×1450		3400×1550		3700×1700	4000×1700	4300×1700	3400×2000	3400×2000	3400×2000	3700×2200	4000×2200	4300×2200	4300×2200	4900×2200	4900×2200
Bolster Area (L.R. × F.B.)	1	mm	2500×1400		2500×1450		2500×1550		2800×1700	3100×1700	3400×1700	2500×2000	2500×2000	2500×2000	2800×2200	3100×2200	3400×2200	3400×2200	4000×2200	4000×2200
	2		2800×1400		2800×1450		2800×1550		3100×1700	3400×1700	3700×1700	2800×2000	2800×2000	2800×2000	3100×2200	3400×2200	3700×2200	3700×2200	4300×2200	4300×2200
	3		3100×1400		3100×1450		3100×1550		3400×1700	3700×1700	4000×1700	3100×2000	3100×2000	3100×2000	3400×2200	3700×2200	4000×2200	4000×2200	4600×2200	4600×2200
	4		3400×1400		3400×1450		3400×1550		3700×1700	4000×1700	4300×1700	3400×2000	3400×2000	3400×2000	3700×2200	4000×2200	4300×2200	4300×2200	4900×2200	4900×2200
Bolster Thickness	mm	180		180		250		250	250	300	180	180	250	250	250	300	300	300	300	
Window Opening	Bolster Only	mm	1200×600		1200×700		1350×700		1500×900	1500×900	1500×1000	1800×600	1800×700	1800×700	2000×900	2000×900	2000×1000	2000×1100	2000×1200	2000×1300
	Front to Back Moving Bolster		1200×600		1200×700		1350×700		1500×900	1500×900	1500×1000	1800×600	1800×700	1800×700	2000×900	2000×900	2000×1000	2000×1100	2000×1200	2000×1300
	Left to Right Moving Bolster		1700×800		1750×900		1850×900		2000×1100	2000×1100	2000×1200	2300×800	2300×900	2300×900	2500×1100	2500×1100	2500×1200	2500×1300	2500×1400	2500×1500
Upper Die Weight	kgf	5000		6000		6000		7000	7000	8000	800	800	9000	10000	10000	11000	13000	15000	20000	
Air Pressure Required	kgf/cm <sup>2</sup>	6		6		6		6	6	6	6	6	6	6	6	6	6	6	6	
Bolster Height	Fixed Bolster	mm	850		850		850		850	850	850	660	660	660	660	740	740	740	740	740
	Moving Bolster		660		660		660		660	740	740									
Main Motor	W/O Die Cushion	HP×P	60×4		75×4		75×4		100×4	125×4	125×4	60×4	75×4	75×4	100×4	125×4	125×4	175×4	200×4	250×4
	W/ Die Cushion		60×4		75×4		75×4		100×4	125×4										
Die Cushion	Type		cylinder		cylinder		cylinder		cylinder	cylinder	cylinder	cylinder	cylinder	cylinder	cylinder	cylinder	cylinder	cylinder	cylinder	
	Capacity	tf	60		80		100		120*	150	200	60	80	100	120*	150	200	240	300	300
	Length of Stroke	mm	200		220		220		220	220	220	200	220	220	250	250	250	250	300	300
	Adjustment	mm	200		220		220		220	220	220	200	220	220	250	250	250	250	300	300
Die Cushion Area (L.R. × F.B.)	1	mm	2000×900	—	2000×950	—	2000×950	—	2300×1300	2600×1300	2900×1300	2000×1300	2000×1300	2000×1300	2300×1500	2600×1500	2900×1500	2900×1500	3500×1500	3500×1500
	2		2300×900	—	2300×950	—	2300×950	—	2600×1300	2900×1300	3200×1300	2300×1300	2300×1300	2300×1300	2600×1500	2900×1500	3200×1500	3200×1500	3800×1500	3800×1500
	3		2600×900	—	2600×950	—	2600×950	—	2900×1300	3200×1300	3500×1300	2600×1300	2600×1300	2600×1300	2900×1500	3200×1500	3500×1500	3500×1500	4100×1500	4100×1500
	4		2900×900	—	2900×950	—	2900×950	—	3200×1300	3500×1300	3800×1300	2900×1300	2900×1300	2900×1300	3200×1500	3500×1500	3800×1500	3800×1500	4400×1500	4400×1500

\* For SEL2-800-1, only 100T die cushion is available.  
 ※ This specification is subject to change without notice.

\* For SEL4-800-1, only 100T die cushion is available.  
 ※ This specification is subject to change without notice.