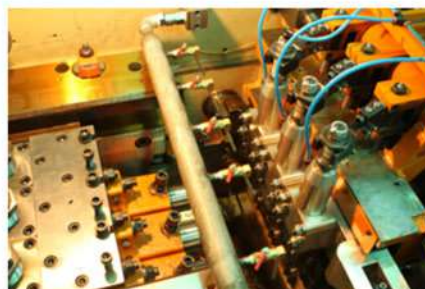




FORMING MACHINE - 1.5 HORIZONTAL COLD FORMER

1.5.1 Bolt & Part Former

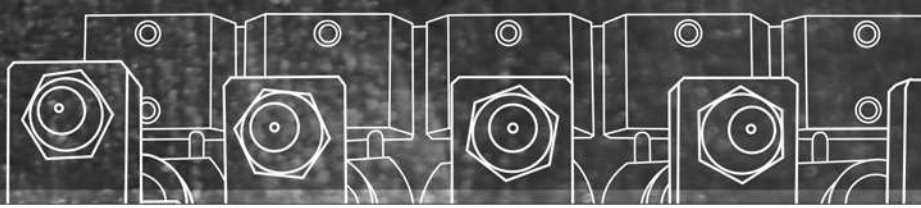
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3 Station Bolt Former BF-Series

Model	Max. Cut-Off Ø (mm)	Max. Cut-Off Length (mm)	Max. Kick-out Length (mm)	Max. Punch Kick-out Length (mm)	Cut-off Quill (Dia. X Length) (mm)	Main Die (Dia. X Length) (mm)	Punch Hole (Dia. X Length) (mm)	Ram Stroke (mm)	Forging Power (ton)
BF7B-3S	5	55	45	10	20x30	38x60	32x60	100	15
BF10B-3S	8	70	55	12	28x46	50x65	40x77	120	20
BF13B-3S	10	94	70	16	35x56	60x85	45x87	140	40
BF13B-3SL	10	130	115	30	38x79	70x135	45x111	200	40
BF17B-3S	12	105	80	20	40x66	70x95	50x102	160	60
BF17B-3SL	12	180	175	35	40x80	80x185	50x132	250	65
BF19B-3S	15	140	105	25	46x80	80x123	60x121	200	80
BF19B-3SXL	15	240	230	40	46x80	93x240	60x200	340	90
BF19B-3SUL	15	350	310	60	65x110	93x350	65x192	460	100
BF24B-3S	18	185	175	30	60x100	100x190	75x185	280	140
BF30B-3S	23	260	220	35	75x120	125x240	90x197	360	200
BF50B-3S	44	380	360	60	138x165	230x390	146x245	520	520
Model	Products				Max. Output (pcs/min)	Main Motor (hp)	Approx. Weight (kg)	Floor Arear Required (Length X Width) (M²)	
	Size	Max Length (Hex) (mm)	Min length (mm)						
			Hex	Socket					
BF7B-3S	3/16"(M4)	40	10	12	300	7 1/2	3500	2.1x1.1	
BF10B-3S	1/4"(M6)	50	12	16	250	10	6000	4.5x3.5	
BF13B-3S	5/16"(M8)	65	14	20	210	15	9000	5x4	
BF13B-3SL	5/16"(M8)	100	20	25	180	20	13000	6.5x4	
BF17B-3S	3/8"(M10)	75	16	20	180	20	13000	6.3x4.5	
BF17B-3SL	3/8"(M10)	150	30	40	150	30	18000	7x4.5	
BF19B-3S	1/2"(M12)	100	20	25	150	40	20000	7.5x5	
BF19B-3SXL	1/2"(M12)	200	50	50	115	50	35000	9.5x5	
BF19B-3SUL	1/2"(M12)	300	100	100	70	75	43000	11x6	
BF24B-3S	5/8"(M16)	150	25	35	100	75	43000	8.5x5.5	
BF30B-3S	3/4"(M20)	200	40	60	80	100	58000	10x6	
BF50B-3S	1 3/8"(M33)	300	100	100	45	150	180000	17x9	

* The floor area mentioned does not include the wire stand.



1.5.1 Bolt & Part Former

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■ 4 Station Bolt Former BF-Series

Model	Max. Cut-Off Ø (mm)	Max. Cut-Off Length (mm)	Max. Kick-out Length (mm)	Max. Punch Kick-out Length (mm)	Cut-off Quill (Dia. X Length) (mm)	Main Die (Dia. X Length) (mm)	Punch Hole (Dia. X Length) (mm)	Ram Stroke (mm)	Forging Power (ton)
BF10B-4S	10	94	70	16	28x46	50x85	40x77	140	40
BF13B-4S	12	105	80	20	35x56	70x95	45x87	160	60
BF17B-4SL	12	180	175	30	40x80	80x185	50x132	250	85
BF19B-4S	15	140	105	25	46x80	80x123	60x121	200	100
BF19B-4SXL	15	240	230	40	46x80	93x240	60x200	340	120
BF19B-4SUL	15	400	340	60	65x110	93x400	65x192	500	120
BF24B-4S	18	185	175	30	60x100	100x175	75x165	280	180
BF30B-4S	23	260	220	35	75x120	125x240	90x197	360	220
BF30B-4SXL	23	430	400	20,40,60	75x120	125x430	95x250	560	320
BF36B-4S	29	320	280	60	90x140	160x294	105x232	440	320
BF45B-4S	44	450	390	60	132x165	185x400	138x240	520	520
Model	Products				Max. Output (pcs/min)	Main Motor (hp)	Approx. Weight (kg)	Floor Area Required (Length X Width) (M²)	
	Size	Max Length (Hex) (mm)	Min length (mm)						
			Hex	Socket					
BF10B-4S	1/4"(M6)	65	12	16	210	15	9000	5x4	
BF13B-4S	5/16"(M8)	75	14	20	180	20	13000	6.3x4.5	
BF17B-4SL	3/8"(M10)	150	30	40	150	40	20000	7x5	
BF19B-4S	1/2"(M12)	100	20	25	120	50	25000	7.5x5.5	
BF19B-4SXL	1/2"(M12)	200	50	50	90	75	37000	9.5x6	
BF19B-4SUL	1/2"(M12)	330	100	100	70	75	48000	12x6.5	
BF24B-4S	5/8"(M16)	150	25	35	100	75	45000	8.5x6	
BF30B-4S	3/4"(M20)	200	40	60	80	100	66000	10x6.5	
BF30B-4SXL	3/4"(M20)	380	100	100	60	125	75000	13x7	
BF36B-4S	1"(M24)	250	60	60	60	125	110000	15x8	
BF45B-4S	1 3/8(M33)	360	60	60	40	200	180000	17x9	

* The floor area mentioned does not include the wire stand.



1.5.1 Bolt & Part Former

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■ 5 Station Special Bolt Part Former BP-Series

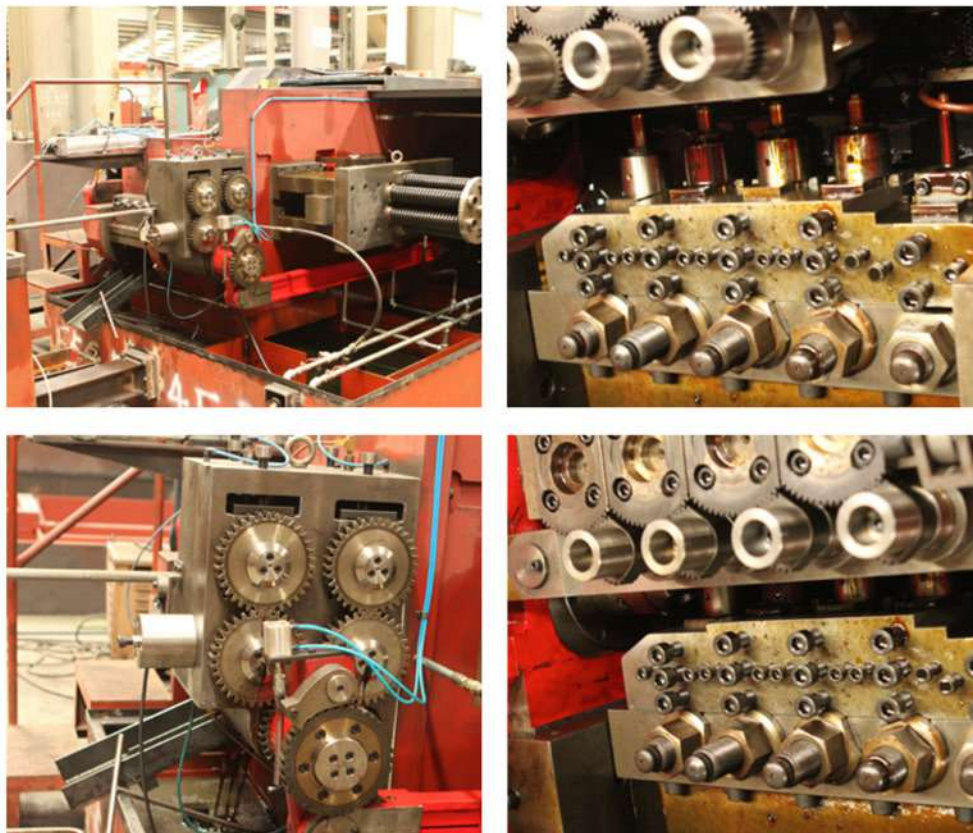
Model	Max. Cut-Off Ø (mm)	Max. Cut-Off Length (mm)	Max. Kick-Out Length (mm)	Max. Punch Kick-Out Length (mm)	Cut-off quill (Dia. X Length) (mm)	Main Die (Dia. X Length) (mm)	Punch hole (Dia. X Length) (mm)
BP10B-5S	12	105	80(40)	20	35x56	50x95	40x95
BP13B-5S	16	130	100(40)	20,35,50	46x80	75x130	60x120
BP19B-5S	18	190	150(50)	35	60x100	90x170	60x122
BP24B-5S	23	205	190(60)	40	80x100	115x205	90x164
BP30B-5S	30	270	220(80)	45	95x120	125x240	90x220
BP33B-5S	33	320	280(120)	50	105x140	146x300	110x250
BP36B-5S	34	410	370(170)	50	110x155	150x400	120x290
Model	Ram stroke (mm)	Forging Power (ton)	Max. Output (pcs/min)	Main Motor (hp)	Approx. Weight (kg)	Floor Area Required (Length X Width) (M ²)	
BP10B-5S	160	60	150	20	13000	6.3x4.5	
BP13B-5S	190	80	130	30	18000	6.8x4.5	
BP19B-5S	260	120	110	50	42000	7.5x5.5	
BP24B-5S	320	200	90	100	58000	9x5.5	
BP30B-5S	360	300	70	125	80000	11x6.5	
BP33B-5S	440	400	65	150	100000	12x7	
BP36B-5S	520	500	60	150	125000	12x7.5	

■ 6 Station Special Bolt Part Former BP-series

Model	NO. of Fingers	Max. Cut-Off Ø (mm)	Cut-Off Length (Min./Max.) (mm)	Kick-Out Length (Min./Max.) (mm)	Max. Punch Kick-Out Length (mm)	Cut-off Knife (Dia. X Length) (mm)	Cut-off Quill (Dia. X Length) (mm)	Main Die (Dia. X Length) (mm)
BP13B-6S	7	16	19 / 135	100 / 40	20 / 35 / 50	49x18	46x8	75x130
BP19B-6S	7	23	15 / 165	120 / 50	20 / 35 / 50	73x28	68x100	100x165
BP24B-6S	7	30	30 / 200	160 / 80	20 / 40 / 60	85x35	95x120	116x184
BP30B-6S	7	34	40 / 270	220 / 80	25 / 50 / 75	95x35	100x120	125x240
BP33B-6S	7	38	45 / 330	280 / 100	25 / 55 / 80	105x37	105x140	145x300
BP36B-6S	7	41	50 / 410	370 / 170	30 / 60 / 90	115x37	115x155	160x400
Model	Punch hole (Dia. X Length) (mm)	Ram stroke (mm)	Forging Power (ton)	Max. Output (pcs/min)	Main Motor (hp)	Approx. Weight (kg)	Floor Area Required (Length X Width) (M ²)	
BP13B-6S	60x120	190	100	120	40	23000	6.8x4.7	
BP19B-6S	75x142	260	220	90	75	52000	9.5(14.0)x5.5	
BP24B-6S	95x176	320	280	90	100	65000	10.5(15)x6.5	
BP30B-6S	100x220	360	400	70	125	95000	14(19)x7.5	
BP33B-6S	110x250	440	500	60	150	115000	16(22)x8.5	
BP36B-6S	120x290	520	600	50	175	145000	19(25)x9.5	

* The floor area mentioned does not include the wire stand.

1.5.2 Nut & Part Former



■ Automatic 5 Stations Cold Former (Nut Former)

Model	Max. Cut-Off Ø (mm)	Max. Cut-Off Length (mm)	Ram Stroke (mm)	Forging Power (ton)	Product		Production Rate (pcs/min)	Main Motor (hp)	Approx. Weight (ton)	Machine Dimensions (L x W x H) (m)
					Nut (DIN)	Socket Wrench (ANSI)				
LS-C-NF-8B-5S	8	5.5	40	35	M3-M5	#4-#9	300-400	10	3.7	1.8x1.5x1.1
LS-C-NF-11B-5S	11	7	50	55	M3-M6	#4 - 5/16	320-400	15	4	2.2x1.5x1.1
LS-C-NF-14B-5S	15	15	80	85	M6-M10	1/4 – 3/8	200-260	20	7.5	2.9x2x1.3
LS-C-NF-17B-5S	17	18	90	110	M8-M10	5/16 – 3/8	170-200	20	8	3.1x2.1x1.4
LS-C-NF-19B-5S	19	20	100	130	M8-M12	3/8 – 1/2	150-190	30	12	3.3x2.1x1.5
LS-C-NF-21B-5S	21	25	100	150	M10-M14	3/8 – 9/16	140-160	40	15	3.6x2.4x1.7
LS-C-NF-24B-5S	24	28	110	240	M12-M16	7/16 – 5/8	120-140	50	23	4.2x2.6x1.8
LS-C-NF-28B-5S	28	30	120	300	M16-M18	7/16 – 7/8	100-130	50	26	4.6x2.8x2
LS-C-NF-33B-5S	32	30	146	400	M16-M22	5/8 – 7/8	85-105	100	39	4.9x2.8x2
LS-C-NF-36B-5S	36	30	160	520	M20-M24	5/8 – 1	75-90	150	45	5.5x3.2x2.3
LS-C-NF-41B-5S	40	45	210	620	M22-M27	7/8 – 1	65-75	200	65	6.5x3.5x2.5
LS-C-NF-45B-5S	45	50	210	720	M24-M30	7/8 – 1&1/8	50-60	300	140	8.9x3.5x2.7
LS-C-NF-50B-5S	50	56	210	810	M27-M32	1 – 1&1/4	45-55	400	150	8.9x3.5x2.7



1.5.2 Nut & Part Former

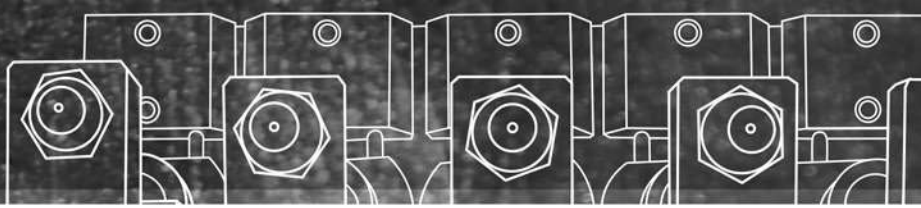


■ Automatic 5 Stations Long Stroke Cold Former (Nut Former)

Model	Max. Cut-Off Ø (mm)	Max. Cut-Off Length (mm)	Ram Stroke (mm)	Forging Power (ton)	Product		Production Rate (pcs/min)	Main Motor (hp)	Approx. Weight (ton)	Machine Dimensions (L x W x H) (m)
					Nut (DIN)	Socket Wrench (ANSI)				
LS-C-NF-8B-5SL	8	8	50	33	M3-M5	#4 - #9	200-230	10	3.9	2x1.5x1.1
LS-C-NF-11B-5SL	11	12	60	60	M3-M6	#4 - 5/16	160-200	15	4.5	2.2x1.6x1.1
LS-C-NF-14B-5SL	16	20	120	90	M6-M10	1/4 - 3/8	120-160	30	8	3.3x2.1x1.4
LS-C-NF-17B-5SL	17	22	130	120	M8-M10	5/16 - 3/8	120-140	30	11	3.7x2.2x1.5
LS-C-NF-19B-5SL	19	32	160	140	M8-M12	3/8 - 1/2	100-120	40	15	4.2x2.2x1.6
LS-C-NF-21B-5SL	21	30	180	160	M10-M14	3/8 - 9/16	80-100	50	23	4.6x2.6x1.7
LS-C-NF-24B-5SL	24	40	200	255	M12-M16	7/16 - 5/8	75-90	75	26	5x3x1.7
LS-C-NF-28B-5SL	28	45	220	320	M16-M18	7/16 - 7/8	65-85	75	35	5.5x3x2
LS-C-NF-33B-5SL	32	36	166	420	M16-M22	5/8 - 7/8	60-80	100	42	6.1x3x1.8
LS-C-NF-36B-5SL	36	60	200	550	M20-M24	5/8 - 1	55-70	150	55	6.5x3.2x2.4
LS-C-NF-41B-5SL	40	70	240	640	M22-M27	7/8 - 1	45-60	200	80	7x3.5x2.5
LS-C-NF-45B-5SL	45	80	270	740	M24-M30	7/8 - 1&1/8	40-50	300	140	8.9x3.5x2.7
LS-C-NF-50B-5SL	50	80	270	820	M27-M32	1 - 1&1/4	40-50	400	150	8.9x3.5x2.7

■ Automatic 6 Stations Cold Former (Nut Former)

Model	Max. Cut-Off Ø (mm)	Max. Cut-Off Length (mm)	Ram Stroke (mm)	Forging Power (ton)	Product		Production Rate (pcs/min)	Main Motor (hp)	Approx. Weight (ton)	Machine Dimensions (L x W x H) (m)
					Nut (DIN)	Socket Wrench (ANSI)				
LS-C-NF-8B-6S	8	5.5	50	33	M3-M5	#4-#9	300-360	10	3.8	1.9x1.6x1
LS-C-NF-11B-6S	11	7	60	60	M3-M6	#4 - 5/16	260-360	15	5	2.3x1.8x1.1
LS-C-NF-14B-6S	15	15	120	90	M6-M10	1/4 - 3/8	200-230	20	8	2.9x2.1x1.3
LS-C-NF-17B-6S	17	18	130	120	M8-M10	5/16 - 3/8	160-180	20	10	3.2x2.2x1.4
LS-C-NF-19B-6S	19	20	160	140	M8-M12	3/8 - 1/2	120-160	30	14	3.5x2.2x1.5
LS-C-NF-21B-6S	21	25	180	160	M10-M14	3/8 - 9/16	100-140	40	17	3.9x2.5x1.7
LS-C-NF-24B-6S	24	30	200	255	M12-M18	7/16 - 5/8	100-120	50	25	4.3x2.7x1.7
LS-C-NF-28B-6S	28	30	220	320	M16-M18	7/16 - 7/8	90-100	50	29	5x2.7x2
LS-C-NF-33B-6S	32	30	166	420	M16-M22	5/8 - 7/8	80-100	100	44	5.5x3x2
LS-C-NF-36B-6S	36	30	200	550	M20-M24	5/8 - 1	70-90	150	50	6x3x2.2
LS-C-NF-41B-6S	40	45	240	640	M22-M27	7/8 - 1	65-75	200	70	7.7x3x2.5
LS-C-NF-45B-6S	45	50	270	740	M24-M30	7/8 - 1 1/8	50-60	300	140	9x3.5x2.7
LS-C-NF-50B-6S	50	56	270	820	M27-M32	1 - 1 1/4	45-55	400	150	9x3.5x2.7



1.5.2 Nut & Part Former



■ Automatic 6 Stations Long Stroke Cold Former (Nut Former)

Model	Max. Cut-Off Ø (mm)	Max. Cut-Off Length (mm)	Ram Stroke (mm)	Forging Power (ton)	Product		Production Rate (pcs/min)	Main Motor (hp)	Approx. Weight (ton)	Machine Dimensions (L x W x H) (m)
					Nut (DIN)	Socket Wrench (ANSI)				
LS-C-NF-8B-6SL	8	8	50	35	M3-M5	#4 – #9	200-230	10	4	2.1x1.6x1
LS-C-NF-11B-6SL	11	12	60	63	M3-M6	#4 – 5/16	160-180	15	5.2	2.7x1.7x1.1
LS-C-NF-14B-6SL	16	20	120	95	M6-MJ10	1/4 – 3/8	120-140	30	8.5	3.3x2.1x1.4
LS-C-NF-17B-6SL	17	22	130	125	M8-M10	5/16 – 3/8	100-120	40	10.5	3.5x2.3x1.5
LS-C-NF-19B-6SL	19	32	160	150	M8-M12	3/8 – 1/2	90-120	50	16	4.2x2.3x1.7
LS-C-NF-21B-6SL	21	30	180	170	M10-M14	3/8 – 9/16	80-100	50	24	4.5x2.7x1.7
LS-C-NF-24B-6SL	24	40	200	275	M12-M16	7/16 – 5/8	75-90	75	30	5.3x2.9x1.9
LS-C-NF-27B-6SL	26	45	220	350	M16-M18	7/16 – 7/8	65-85	100	40	5.5x2.9x2.1
LS-C-NF-33B-6SL	32	60	240	450	M16-M22	5/8 – 7/8	60-80	150	48	6.2x3.2x2.2
LS-C-NF-36B-6SL	36	70	280	600	M20-M24	5/8 – 1	55-70	150	60	7x3.1x2.3
LS-C-NF-41B-6SL	40	80	280	680	M22-M27	7/8 – 1	45-60	200	80	7.8x3x2.6
LS-C-NF-45B-6SL	45	80	360	780	M24-M30	7/8 – 1&1/8	40-50	300	140	9x3.5x2.7
LS-C-NF-50B-6SL	50	80	360	880	M27-M32	1 – 1&1/4	40-50	400	150	9x3.5x2.7

* PKO Version Available



1.5.2 Nut & Part Former



■ Automatic 7 Stations Long Stroke Cold Former (Nut Former)

Model	Max. Cut-Off Ø (mm)	Max. Cut-Off Length (mm)	Ram Stroke (mm)	Forging Power (ton)	Product		Production Rate (pcs/min)	Main Motor (hp)	Approx. Weight (ton)	Machine Dimensions (L x W x H) (m)
					Nut (DIN)	Socket Wrench (ANSI)				
LS-C-NF-8B-7SL	8	8	50	35	M3-M5	#4 - #9	170-190	15	4	2.1x1.7x1.1
LS-C-NF-11B-7SL	11	12	60	65	M3-M6	#4 - 5/16	150-170	20	5.2	2.7x1.8x1.1
LS-C-NF-14B-7SL	16	20	120	100	M6-M10	1/4 - 3/8	130-150	40	8.5	3.3x2.2x1.4
LS-C-NF-17B-7SL	17	22	130	130	M8-M10	5/16 - 3/8	100-120	40	10.5	3.7x2.4x1.5
LS-C-NF-19B-7SL	19	32	160	160	M8-M12	3/8 - 1/2	80-100	50	16	4.2x2.4x1.8
LS-C-NF-21B-7SL	21	35	180	190	M10-M14	3/8 - 9/16	80-90	50	24	4.6x2.8x1.8
LS-C-NF-24B-7SL	24	40	200	280	M12-M16	7/16 - 5/8	70-80	100	30	5.3x3x2
LS-C-NF-27B-7SL	26	45	220	370	M16-M18	7/16 - 7/8	55-70	125	40	5.5x3x2.1
LS-C-NF-33B-7SL	32	60	240	450	M16-M22	5/8 - 7/8	50-60	150	48	6.2x3.2x2.2
LS-C-NF-36B-7SL	36	70	280	630	M20-M24	5/8 - 1	50-60	150	60	7x3.1x2.5
LS-C-NF-41B-7SL	40	80	280	700	M22-M27	7/8 - 1	45-55	200	80	7.8x3x2.6
LS-C-NF-45B-7SL	45	80	360	800	M24-M30	7/8 - 1&1/8	40-50	300	140	9x3.5x2.7
LS-C-NF-50B-7SL	50	80	360	900	M27-M32	1 - 1&1/4	40-50	400	150	9x3.5x2.7

1.5.2 Nut & Part Former



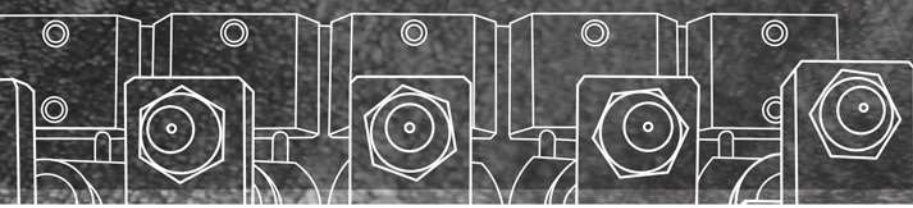
■ Automatic 6 Stations Cold Former (S Series)

Model	Max. Cut-Off Ø (mm)	Max. Cut-Off Length (mm)	Ram Stroke (mm)	Forging Power (ton)	Product Size	Nut	Max. Output (pcs/min)	Main Motor (hp)	Approx. Weight (ton)	Floor Area Required (Length X Width) (M ²)
11B-6S	12	20	80	50	φ12x20	M5	160	20	6	3.0x1.8
14B-6S	15	30	100	95	φ16x26	M8	130	30	10	3.6x2.1
19B-6S	20	40	130	170	φ20x42	M12	110	50	20	4.7x2.6
22B-6S	22	45	140	250	φ22x45	M14	100	75	30	5.0x3.0
24B-6S	26	50	160	320	φ26x50	M16	90	100	38	5.9x3.3
32B-6S	32	60	180	450	φ32x56	M24	80	150	58	6.8x3.9
36B-6S	36	65	200	550	φ38x60	M27	65	200	80	7.2x4.2
41B-6S	42	70	220	700	φ45x65	M30	55	300	110	8.0x5.0
45B-6S	45	75	240	800	φ48x70	M33	50	300	130	8.5x5.5

■ Automatic 6 Stations Cold Former (SL Series)

Model	Max. Cut-Off Ø (mm)	Max. Cut-Off Length (mm)	Ram Stroke (mm)	Forging Power (ton)	Product Size	Nut	Max. Output (pcs/min)	Main Motor (hp)	Approx. Weight (ton)	Floor Area Required (Length X Width) (M ²)
11B-6SL	12	32	100	50	φ11x35	M5	120	20	6.5	3.0x1.8
14B-6SL	15	50	150	95	φ14x50	M8	90	30	10	3.6x2.1
19B-6SL	20	65	200	170	φ20x65	M12	70	50	20	5.0x2.6
22B-6SL	22	70	220	250	φ22x75	M14	70	75	30	5.5x3.0
24B-6SL	26	75	240	320	φ26x85	M16	65	100	38	6.3x3.3
32B-6SL	32	95	270	450	φ32x100	M24	60	150	58	7.35x3.9
36B-6SL	36	100	280	550	φ36x110	M27	55	200	80	7.7x4.2
41B-6SL	42	110	300	700	φ42x120	M30	50	300	110	8.8x5.0
45B-6SL	45	120	32	800	φ45x125	M33	50	300	130	8.5x5.5

* The floor area mentioned does not include the wire stand.



1.5.2 Nut & Part Former



■ Automatic Nut Former

Model	Forging Stations	Across Flat (mm)	Suitable Hex Nut	Cut-Off Ø (mm)	Cut-Off Length (mm)	Kick-Out Length (mm)	Forging Power (ton)	Production Rate (pcs/min)	Motor (HP)	Machine Dimension (L x W x H) (cm)	Approx. Weight (ton)
NF-8B	5S / 6S	4-8	M2-M6	8	8	9	26	220	10	190x125x105	2.1
NF-11B	6S / 7S	8-11	M3-M6	10	9	9.5	49	200	15	220x148(153)x120	4.0
NF-14B	6S / 7S	12-14	M6-M8	13	14	14	79	180	20	325x179(188)x150	7.8
NF-17B	6S / 7S	15-17	M8-M10	16	17	17	116	150	30	372x190(210)x166	9.0
NF-19B	6S	17-19	M8-M12	18	20	21	146	120	50	350x212(225)x170	14.5
NF-22B	6S	19-22	M10-M14	21	20	23	196	105	75	370x272x220	17
NF-24B	6S	19-24	M10-M16	23	24	25	234	90	100	470x255(275)x212	28
NF-27B	6S	19-27	M10-M18	26	26	30	295	85	125	460x260x230	30
NF-30B	6S	24-30	M12-M20	29	29	30	367	80	150	505x272(285)x220	34
NF-33B	6S	30-33	M14-M22	32	32	34	443	68	200	540x298(312)x250	43
NF-36B	6S	33-36	M16-M24	35	35	40	527	65	250	570x330(345)x275	52
NF-41B	6S	38-41	M16-M27	40	38	50	684	55	300	665x349(365)x285	86
NF-45B	6S	41-45	M20-M30	43	41	50	826	45	350	900x400x310	120

■ Automatic Long Stroke Nut Former

Model	Forging Stations	Across Flat (mm)	Suitable Hex Nut	Max. Cut-Off Ø (mm)	Max. Cut-Off Length (mm)	Kick-Out Length (mm)	Forging Power (ton)	Production Rate (pcs/min)	Motor (HP)	Machine Dimension (L x W x H) (cm)	Approx. Weight (kg)
NF-11BL	6S / 7S	8-11	M3-M6	10	20-30	20-30	49	110	20	220x148(153)x120	4.5
NF-14BL	6S / 7S	12-14	M6-M8	13	20-40	20-40	79	80	25	325x179(188)x150	8.3
NF-17BL	6S / 7S	15-17	M8-M10	16	20-60	20-60	116	70	40	360x190(210)x166	9.8
NF-19BL	6S / 7S	17-19	M8-M12	18	30-60	30-60	146	65	60	370x212(225)x170	15.5
NF-22BL	6S	19-22	M10-M14	21	40-80	40-80	196	65	75	420x272x220	19
NF-24BL	6S	19-24	M10-M16	23	60-100	60-100	234	60	125	495x255(275)x212	31
NF-27BL	6S	19-27	M10-M18	26	60-100	60-100	295	60	150	560x260x230	33
NF-30BL	6S	24-30	M12-M20	29	60-100	60-100	367	58	175	535x272(285)x220	36
NF-33BL	6S	30-33	M14-M22	32	80-100	80-100	443	55	250	575x298(312)x250	46
NF-36BL	6S	33-36	M16-M24	35	80-110	80-110	527	52	275	500x330(345)x275	54
NF-41BL	6S	38-41	M16-M24	40	90-120	90-120	684	50	300	695x349(365)x285	90
NF-45BL	6S	41-45	M18-M27	43	90-150	90-150	826	40	350	1000x400x310	130
NF-45B	6S	41-45	M20-M30	43	41	50	826	45	350	900x400x310	120