

# Bolt Cold Forging Machine



- 1- Non-oil self-lubricating bearings are qualified to improve the application life and abrasion resistance of the coupling shaft, as well as reduce energy consumption.
- 2- Circuitry for the converter plus PLC, not only continuously variable transmission, the machine can work in automatic detection of the fault condition shutdown.
- 3- Using pneumatic air clutch to start the current brake smoothly, except to move the slider or the outside could stop time to stop after the death, to provide enough room for maneuver.
- 4- In order to decrease the pollution of hot-oil gas spray to the working environment, closed guard is designed and developed.
- 5- The machine set pressure oil line protection devices to ensure that all parts of the machine running the full lubrication. Set air way pressure protection device, overload protection of the machine, increase mold life.
- 6- Make sure the machine can be tested in convenience, then, for the security of the staff, building safety protection door and teaching the operators to carry out standard operation are also of great importance





# T Bolt Cold Forging Machine-2S/3S

Specification	Model				
	SJBF-42S	SJBF-62S	SJBF-63S	SJBF-83S	SJBF-83L
Forging Station	2	2	3	3	3
Forging Power KG	15,000	35,000	38,000	65,000	65,000
Cut-off DIA Max mm	Φ5	Φ8	Φ8	Φ10	Φ10
Cut-off Length Max mm	55	85	85	85	135
Output PCS/min	260-300	180-280	160-280	140-250	110-180
P.K.O Stroke mm	10	12	12	20	16
K.O Stroke mm	50	75	75	68	115
Main Slide Stroke mm	100	110	110	106	192
Main Motor KW	5.5	11	11	15	18.5
Cut-off-Die Φ*L mm	20*30	30*45	30*45	53*56	30*50L
Punch Die Φ*L mm	32*60	40*90	40*90	45*95	45*140L
Main Die Φ*L mm	38*60	50*85	50*85	60*80	60*150L
Die Pitch mm	48	60	60	70	70
Machine Dimension cm	301*112*111	328*146.5*140	320*200*150	360*220*180	450*220*200
Machine Weight KG	3,000	6,500	7,500	10,000	14,000
Nominal Bolt Size mm	M4	M3-6	M3-6	M5-8	M5-8
Bolt Shank Length mm	10-50	10-70	8-65	10-60	20-110

Specification	Model					
	SJBF-103S	SJBF-103L	SJBF-133S	SJBF-133L	SJBF-163S	SJBF-203L
Forging Station	3	3	3	3	3	3
Forging Power KG	80,000	80,000	120,000	120,000	200,000	350,000
Cut-off DIA Max mm	Φ12	Φ12	Φ15	Φ15	Φ18	Φ22
Cut-off Length Max mm	110	195	145	250	200	240
Output PCS/min	120-220	85-160	90-160	60-110	70-120	50-80
P.K.O Stroke mm	15	15	30	30	40	50
K.O Stroke mm	85	165	115	230	170	220
Main Slide Stroke mm	150	280	200	350	260	346
Main Motor KW	22	22	30	30	55	75
Cut-off-Die Φ*L mm	45*59	45*59	63*69	55*70	60*90	75*120
Punch Die Φ*L mm	53*115	53*112	60*130	60*179	75*185	90*215
Main Die Φ*L mm	75*108	75*200	86*135	86*265	100*190	125*240
Die Pitch mm	90	90	98	110	120	140
Machine Dimension cm	410*250*190	570*250*230	460*260*200	780*260*270	650*290*250	760*300*300
Machine Weight KG	14	19,500	19,500	31,000	36,000	55,000
Nominal Bolt Size mm	M6-10	M6-10	M8-13	M8-13	M10-18	M12-22
Bolt Shank Length mm	15-70	25-160	20-110	70-210	20-160	25-210



# T Bolt Cold Forging Machine-4S

Specification	Model			
	SJBF-44S	SJBF-44L	SJBF-64S	SJBF-84S
Forging Station	4	4	4	4
Forging Power KG	15,000	15,000	45,000	75,000
Cut-off DIA Max mm	Φ5	Φ5	Φ8	Φ10
Cut-off Length Max mm	55	70	100	110
Output PCS/min	160-250	160-250	140-250	120-220
P.K.O Stroke mm	10	10	15	26
K.O Stroke mm	45	65	85	100
Main Slide Stroke mm	100	100	136	140
Main Motor KW	11	11	15	22
Cut-off-Die Φ*L mm	20*30	20*30	30*45	35*50
Punch Die Φ*L mm	32*60	32*60	40*90	45*115
Main Die Φ*L mm	38*60	38*75	50*110	60*120
Die Pitch mm	48	48	60	80
Machine Dimension cm	260*170*130	277*185*118.5	350*200*170	420*230*190
Machine Weight KG	5,000	5,500	10,000	14,000
Nominal Bolt Size mm	M2-4	M2-4	M3-6	M5-8
Bolt Shank Length mm	10-45	10-60	10-70	15-77

Specification	Model				
	SJBF-104S	SJBF-104L	SJBF-134S	SJBF-134L	SJBF-134LL
Forging Station	4	4	4	4	4
Forging Power KG	85,000	85,000	120,000	130,000	130,000
Cut-off DIA Max mm	Φ12	Φ12	Φ15	Φ15	Φ15
Cut-off Length Max mm	135	190	145	200	300
Output PCS/min	95-180	80-150	100-160	75-130	50-90
P.K.O Stroke mm	30	30	30	40	40
K.O Stroke mm	115	170	115	170	280
Main Slide Stroke mm	190	280	200	270	380
Main Motor KW	30	30	30	37	37
Cut-off-Die Φ*L mm	45*59	45*59	63*69	63*69	55*70
Punch Die Φ*L mm	53*115	53*115	60*130	60*130	60*229
Main Die Φ*L mm	75*135	75*185	86*135	86*190	86*305
Die Pitch mm	94	94	98	110	110
Machine Dimension cm	450*260*210	520*260*230	460*270*200	530*280*230	710*310*260
Machine Weight KG	18,000	21,000	21,000	26,000	38,000
Nominal Bolt Size mm	M6-10	M6-10	M8-12.7	M8-14	M8-14
Bolt Shank Length mm	15-110	20-160	20-110	25-160	60-260



# T Bolt Cold Forging Machine-4S

Specification	Model				
	SJBF-164S	SJBF-164LL	SJBF-164UL	SJBF-204L	SJBF-204LL
Forging Station	4	4	4	4	4
Forging Power KG	220,000	220,000	230,000	380,000	380,000
Cut-off DIA Max mm	Φ18	Φ18	Φ23	Φ22	Φ22
Cut-off Length Max mm	200	350	510	240	360
Output PCS/min	70-110	40-70	35-50	50-90	40-65
P.K.O Stroke mm	45	45	60	50	50
K.O Stroke mm	170	320	510	220	320
Main Slide Stroke mm	260	490	670	346	496
Main Motor KW	55	55	75	75	75
Cut-off-Die Φ*L mm	60*90	64*100	74*120	75*120	75*120
Punch Die Φ*L mm	75*185	75*185	75*250	90*215	90*215
Main Die Φ*L mm	100*190	100*345	100*510	125*240	125*345
Die Pitch mm	120	120	120	140	140
Machine Dimension cm	650*310*260	870*320*300	1000*320*340	760*320*300	870*320*320
Machine Weight KG	43,000	60,000	80,000	62,000	76,000
Nominal Bolt Size mm	M10-16	M10-16	M12-20	M12-20	M12-20
Bolt Shank Length mm	20-160	70-310	150-490	25-210	70-310

Specification	Model				
	SJBF-254SL	SJBF-254LL	SJBF-304L	SJBF-304LL	SJBF-384L
Forging Station	4	4	4	4	4
Forging Power KG	450,000	450,000	600,000	600,000	800,000
Cut-off DIA Max mm	Φ28	Φ28	Φ36	Φ36	Φ42
Cut-off Length Max mm	260	380	400	450	450
Output PCS/min	40-80	35-60	30-60	25-50	30-50
P.K.O Stroke mm	40	45	50	60	60
K.O Stroke mm	210	315	330	390	380
Main Slide Stroke mm	330	510	520	580	570
Main Motor KW	110	110	132	132	200
Cut-off-Die Φ*L mm	80*130	99*150	118*180	118*180	120*150
Punch Die Φ*L mm	120*270	120*270	140*270	140*300	145*320
Main Die Φ*L mm	140*250	148*345	185*355	185*420	190*450
Die Pitch mm	160	160	200	200	216
Machine Dimension cm	830*430*330	980*420*350	1000*470*460	1100*480*480	1100*520*400
Machine Weight KG	105,000	125,000	170,000	200,000	260,000
Nominal Bolt Size mm	M14-27	M14-27	M24-30	M24-30	M20-40
Bolt Shank Length mm	35-210	70-310	60-320	70-380	70-370



# Bolt and Part Cold Forging Machine-5S

Specification	Model				
	SJBP-65S	SJBP-85S	SJBP-105S	SJBP-135S	SJBP-135L
Forging Station	5	5	5	5	5
Forging Power KG	48,000	85,000	98,000	145,000	145,000
Cut-off DIA Max mm	Φ8	Φ11	Φ13	Φ16	Φ16
Cut-off Length Max mm	100	110	140	140	190
Output PCS/min	120-200	95-160	90-140	65-115	60-100
P.K.O Stroke mm	20	26	30	30	30
K.O Stroke mm	80	90	115	115	165
Main Slide Stroke mm	136	140	190	200	270
Main Motor KW	15	22	30	37	37
Cut-off-Die Φ*L mm	30*45	35*50	45*59	63*69	63*69
Punch Die Φ*L mm	40*90	45*115	53*115	60*130	60*130
Main Die Φ*L mm	50*110	60*120	75*135	86*190	86*190
Die Pitch mm	60	80	94	110	110
Machine Dimension cm	350*220*170	420*250*190	450*280*210	550*300*220	560*290*220
Machine Weight KG	11,000	16,000	20,000	30,500	31,000
Nominal Bolt Size mm	3-6	5-8	6-10	8-14	8-14
Bolt Shank Length mm	10-70	15-77	15-110	20-110	20-160

Specification	Model					
	SJBP-165S	SJBP-205L	SJBP-205LL	SJBP-255L	SJBP-255LL	SJBP-305L
Forging Station	5	5	5	5	5	5
Forging Power KG	220,000	380,000	380,000	480,000	480,000	600,000
Cut-off DIA Max mm	Φ18	Φ23	Φ23	Φ32	Φ32	Φ36
Cut-off Length Max mm	190	240	360	380	450	420
Output PCS/min	50-90	40-70	40-65	30-60	30-60	25-50
P.K.O Stroke mm	40	50	50	50	60	60
K.O Stroke mm	170	220	325	320	410	380
Main Slide Stroke mm	274	346	496	510	620	580
Main Motor KW	55	75	75	110	110	132
Cut-off-Die Φ*L mm	75*100	75*120	75*120	99*150	99*150	118*180
Punch Die Φ*L mm	75*185	90*215	90*215	120*270	120*270	140*300
Main Die Φ*L mm	108*200	125*240	125*345	148*355	148*450	168*420
Die Pitch mm	129	140	140	160	160	180
Machine Dimension m	6.5*3.4*2.6	7.6*3.5*3	8.7*3.4*3.2	10*4.6*4.5	12*4.7*5	11*4.9*4.8
Machine Weight KG	52,000	75,000	95,000	140,000	155,000	200,000
Nominal Bolt Size mm	10-16	12-20	12-20	16-27	16-27	18-36
Bolt Shank Length mm	20-160	25-210	100-305	60-310	120-390	70-370



# Bolt and Part Cold Forging Machine-6S

Specification	Model					
	SJBP-66S	SJBP-86S	SJBP-106S	SJBP-136S	SJBP-136L	SJBP-136LL
Forging Station	6	6	6	6	6	6
Forging Power KG	53,000	95,000	115,000	148,000	148,000	150,000
Cut-off DIA Max mm	Φ10	Φ13	Φ16	Φ18	Φ18	Φ18
Cut-off Length Max mm	100	100	133	140	190	300
Output PCS/min	100-160	80-135	85-140	60-105	60-100	42-85
P.K.O Stroke mm	26	26	30	30	40	40
K.O Stroke mm	85	90	115	115	170	280
Main Slide Stroke mm	136	140	190	200	270	380
Main Motor KW	18.5	22	30	45	37	45
Cut-off-Die Φ*L mm	32*45	42*60	52*75	58*80	58*80	58*80
Punch Die Φ*L mm	40*90	45*115	53*115	60*130	60*130	70*229
Main Die Φ*L mm	50*120	60*120	75*135	94*190	94*190	100*305
Die Pitch mm	64	80	94	110	110	110
Machine Dimension m	3.5*2.4*1.7	4.2*2.7*2	4.6*3*2.1	4.6*3.1*2.2	5.6*3.1*2.2	7.5*2.85*2.6
Machine Weight KG	16,000	20,000	24,000	31,000	35,000	45,000
Nominal Bolt Size mm	3-8	5-10	6-12	8-14	8-14	8-14
Bolt Shank Length mm	15-70	15-77	15-110	20-110	20-160	60-260

Specification	Model					
	SJBP-166S	SJBP-206L	SJBP-256S	SJBP-256L	SJBP-276S	SJBP-306L
Forging Station	6	6	6	6	6	6
Forging Power KG	280,000	420,000	530,000	520,000	760,000	700,000
Cut-off DIA Max mm	Φ23	Φ30	Φ35	Φ34	Φ41	Φ40
Cut-off Length Max mm	190	240	280	380	320	400
Output PCS/min	50-80	40-65	30-60	30-60	30-50	25-50
P.K.O Stroke mm	40	50	55	50	50	60
K.O Stroke mm	170	220	230	320	280	330
Main Slide Stroke mm	274	346	330	510	450	520
Main Motor KW	75	90	132	132	200	160
Cut-off-Die Φ*L mm	75*100	82*130	109*150	109*150	129*180	122*180
Punch Die Φ*L mm	75*185	90*215	120*270	120*270	138*270	140*270
Main Die Φ*L mm	108*200	125*240	148*300	148*355	178*300	185*380
Die Pitch mm	129	140	160	160	190	200
Machine Dimension m	6.5*3.6*2.6	8*3.8*3.2	9*4.7*3.5	9.8*4.7*3.5	9.5*5.2*4.5	10*5.1*4.6
Machine Weight KG	56,000	90,000	125,000	145,000	170,000	220,000
Nominal Bolt Size mm	10-18	12-22	16-30	16-28	20-30	24-36
Bolt Shank Length mm	20-160	30-210	35-220	60-310	50-260	60-320



# Bolt and Part Cold Forging Machine-7S

Specification	Model				
	SJBP-107S	SJBP-137S	SJBP-137L	SJBP-167S	SJBP-207L
Forging Station	7	7	7	7	7
Forging Power KG	115,000	148,000	152,000	280,000	420,000
Cut-off DIA Max mm	Φ16	Φ20	Φ20	Φ24	Φ30
Cut-off Length Max mm	133	140	190	190	240
Output PCS/min	70-130	70-110	60-100	50-70	45-65
P.K.O Stroke mm	30	30	40	40	50
K.O Stroke mm	115	115	170	170	220
Main Slide Stroke mm	190	200	270	274	346
Main Motor KW	30	45	45	75	90
Cut-off-Die Φ*L mm	52*75	58*80	60*80	75*100	82*130
Punch Die Φ*L mm	53*115	60*130	60*130	75*185	90*215
Main Die Φ*L mm	75*135	94*190	94*190	108*200	125*240
Die Pitch mm	94	110	110	129	140
Machine Dimension cm	460*310*210	460*330*220	600*350*230	650*380*260	800*400*320
Machine Weight KG	27,000	33,000	38,000	59,000	94,000
Nominal Bolt Size mm	6-12	8-14	8-14	10-18	12-22
Bolt Shank Length mm	15-110	20-110	20-160	20-160	30-210

