



BD-7

METAL LATHE

BD-7-M...50000900M..... ~230V,50Hz

PARTS LIST



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Made in PRC /

P-50000900M 2022-11

Part List for BD-7 Metal Lathe

No.	Part no.	Description	Size	Qty.
1	BD7-001	Bed way		1
2	BD7-002	Chuck		1
3	BD7-003	Spindle		1
4	BD7-004	Screw	M6x25	3
6	BD7-006	Nut	M6	9
7	BD7-007	Key	5x50	1
8	BD7-008	Key	4x8	2
9	BD7-009	Screw	M5x12	6
10	BD7-010	Cover		2
11	BD7-011	Ball bearing	80206	2
12	BD7-012	Spacer		2
13	BD7-013	Headstock casting		1
14	BD7-014	H/L gear	21T/29T	1
15	BD7-015	Spacer		1
16	BD7-016	Spur gear	45T	1
17	BD7-017	Nut	M27x1.5	2
18	BD7-018	Set screw	M5x8	1
19	BD7-019	Steel ball	5	2
20	BD7-020	Compression spring		3
21	BD7-021	Set screw	M6x6	1
22	BD7-022	Retaining ring	12	3
23	BD7-023	Ball bearing	80101	2
24	BD7-024	H/L gear	12T/20T	1
25	BD7-025	Parallel key	4x45	1
26	BD7-026	H/L gear shaft		1
27	BD7-027	Pulley		1
28	BD7-028	Retaining ring	10	1
29	BD7-029	Timing belt	L136	1
30	BD7-030	Shifting fork		1
31	BD7-031	Shifting arm		1
32	BD7-032	Shifting knob		1
33	BD7-033	Shifting lever	M8X70	1
34	BD7-034	Shifting grip	M8X40	1
35	BD7-035	Handle		1
36	BD7-036	Handle mount		1
37	BD7-037	Spring		1
38	BD7-038	Indicator		1
39	BD7-039	Pinion	25T	1
40	BD7-040	Support screw		2
41	BD7-041	Pinion	20T	1
42	BD7-042	Fixed cover		1
43	BD7-043	Screw	M6x20	5
45	BD7-045	Gear	45T	1
46	BD7-046	Shaft		1
47	BD7-047	Parallel key	3x8	1
48	BD7-048	Mount		1
49	BD7-049	Screw	M5x18	2
50	BD7-050	Gearwheel	20T	2
51	BD7-051	Washer	6	2

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No.	Part no.	Description	Size	Qty.
52	BD7-052	Screw	M6x8	2
52A	BD7-052A	Screw	DIN7380 M6X10	2
53	BD7-053	Cover		1
54	BD7-054	Screw	M5X65	2
56	BD7-056	Screw	M5X8	1
57	BD7-057	Washer	5	1
58	BD7-058	Bush w/key		1
59	BD7-059	Gearwheel	80T	2
60	BD7-060	Shaft		1
61	BD7-061	Support plate		1
62	BD7-062	Washer	8	2
63	BD7-063	Nut	M8	4
64	BD7-064	Shaft		1
67	BD7-067	Screw	M6X16	2
69	BD7-069	Set screw	M4X10	3
70	BD7-070	Apron		1
71	BD7-071	Gib strip		1
72	BD7-072	Washer		3
73	BD7-073	Screw	M4X8	2
74	BD7-074	Shaft	A5X12	2
75	BD7-075	Half nut base		1
76	BD7-076	Angle block		1
77	BD7-077	Screw	M4X10	2
78	BD7-078	Groove cam		1
79	BD7-079	Handle		1
80	BD7-080	Shaft		1
81	BD7-081	Feeding gear	11T/54T	1
82	BD7-082	Feeding gear	24T	1
83	BD7-083	Screw	M6*12	1
84	BD7-084	Wheel series # 16070530 and down		2
	BD7-084A	Wheel series # 16070531 and up		2
85	BD7-085	Knob series # 16070530 and down		2
	BD7-085A	Knob series # 16070531 and up		2
86A	BD7-086A	Handle(Big)		1
86B	BD7-086B	Handle		1
87	BD7-087	Dial		2
88	BD7-088	Bracket		1
89	BD7-089	Feeding screw		1
90	BD7-090	Nut	M5	5
91	BD7-091	Screw	M6X12	6
92	BD7-092	Slide plate		2
93	BD7-093	Saddle		1
94	BD7-094	Gib strip		1
95	BD7-095	Feeding nut		1
96	BD7-096	Swivel disk		1
97	BD7-097	Screw	M8X20	2
98	BD7-098	Nut	M4	6
99	BD7-099	Screw	M4X16	3
100	BD7-100	Cross slide		1

Part List for BD-7 Metal Lathe

No.	Part no.	Description	Size	Qty.
101	BD7-101	Screw	M4*8	5
102	BD7-102	Screw	M4X8	2
105	BD7-105	Compound rest(B)		1
106	BD7-106	Screw	M4X14	3
107	BD7-107	Gib strip		1
108	BD7-108	Compound rest(A)		1
109	BD7-109	Position pin		1
110	BD7-110	Screw	M6x25	9
111	BD7-111	Clamping lever		1
112	BD7-112	Tool rest		1
113	BD7-113	Stud	M10X65	1
114	BD7-114	Cross feed screw		1
115	BD7-115	Bracket		1
116	BD7-116	Screw	M4X12	4
119	BD7-119	Washer		1
120	BD7-120 M	Model label		1
122	BD7-122	Switch label Series#12120926 and down		1
	BD7-122A	Switch label Series#12120927 and up		1
123	BD7-123	Control box Series#12120926 and down		1
	BD7-123A	Control box Series#12120927 and up		1
124	BD7-124	Plug w/cord		1
125	BD7-125	Rubber foot		4
126	BD7-126	Chip tray		1
127	BD7-127	Bracket		1
128	BD7-128	Key	3x16	1
129	BD7-129	Lead screw		1
131	BD7-131	Bracket		1
133	BD7-133	Screw	M3X10	4
134	BD7-134	Rack		1
135	BD7-135	Clamp plate		1
136	BD7-136	Washer	10	1
137	BD7-137	Screw	M6 X14	1
138	BD7-138	Tailstock casting		1
139	BD7-139	Tailstock screw		1
140	BD7-140	Bracket		1
141	BD7-141	Screw	M4X10	4
142	BD7-142	Tailstock quill		1
143	BD7-143	Center		1
144	BD7-144	Stud	M8X40	1
145	BD7-145	Clamp		1
146	BD7-146	Handle		1
148	BD7-148	Pulley		1
150	BD7-150	Motor		1
151	BD7-151	Cover		1
152	BD7-152	Cable gland		1
153	BD7-153	Rear splash guard		1
154	BD7-154	F/N/R label		1
155	BD7-155	High-low label		1
156	BD7-156	Top warning label		1

Part List for BD-7 Metal Lathe

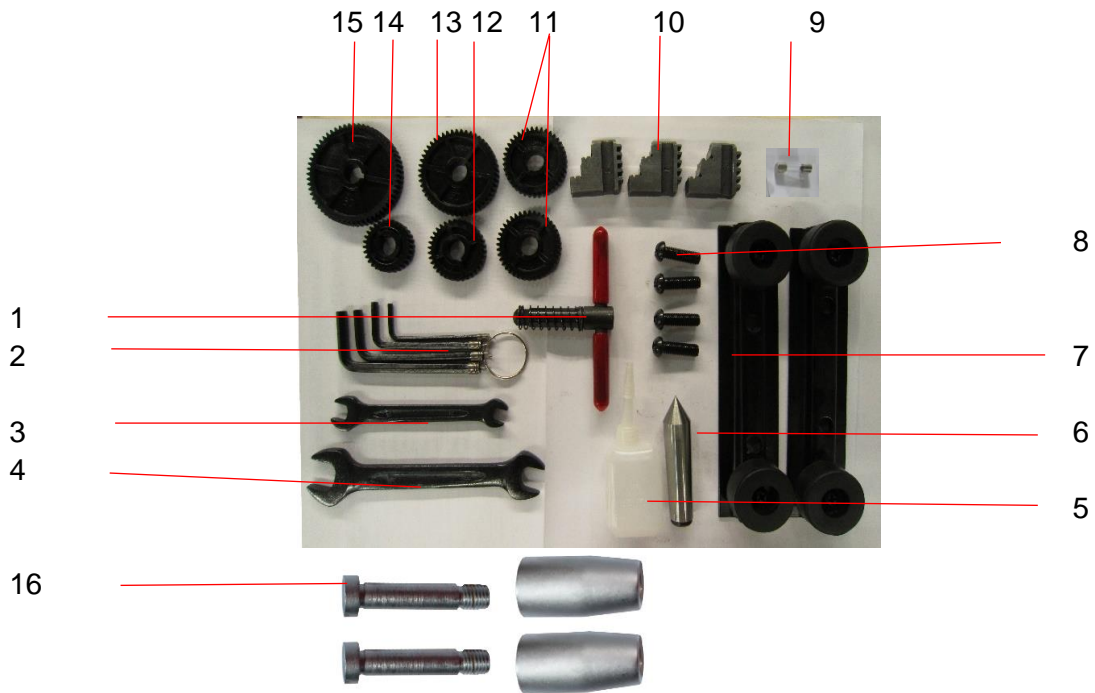
No.	Part no.	Description	Size	Qty.
157	BD7-157	Gear	30T	1
158	BD7-158	Gear	35T	1
159	BD7-159	Gear	40T	2
160	BD7-160	Gear	45T	1
161	BD7-161	Gear	50T	1
162	BD7-162	Gear	55T	1
163	BD7-163	Gear	57T	1
164	BD7-164	Gear	60T	1
165	BD7-165	Gear	65T	1
166	BD7-166	External jaws	(not shown)	1
167	BD7-167	3-jaw chuck key	(not shown)	1
168	BD7-168	Rubber pad Series#12120926 and down		2
	BD7-168	Cancel Series#12120927 and up		
169	BD7-169	Bracing		4
171	BD7-171	Clamp block		1
172	BD7-172	Check ring	9	1
173	BD7-173	Screw	M5X8	4
174	BD7-174	Protector		1
175	BD7-175	Screw	M5X8	9
176	BD7-176	Nut	M10	2
178	BD7-178	Emergency stop Switch Series#12120926 and		1
	BD7-178A	Emergency stop Switch Series#12120927 and up		1
179	BD7-179	Fuse		1
180	BD7-180	Variable speed control knob		1
181	BD7-181	Forward/off/Reverse switch		1
182	BD7-182	PC Board variable speed (AP)		1
184	BD7-184	Screw	M5X10	1
185	BD7-185	Spring washer	5	1
187	BD7-187	Key	3X16	1
188	BD7-188	Spacer		1
190	BD7-190	Spring		2
192	BD7-192	Spring washer	6	2
193	BD7-193	Screw series# 16070530 and down	M8X55	2
	BD7-193A	Screw sereis# 16070531 and up	M8X55	2
194	BD7-194	Screw	M4X38	1
195	BD7-195	Nut	M4	1
196	BD7-196	Tailstock plate		1
197	BD7-197	Screw	M5X16	3
198	BD7-198	Flange		1
199	BD7-199	Screw	M5X25	1
201	BD7-201	Chuck protect cover		1
202	BD7-202	Hinge		1
205	BD7-205	Nut	M6	1
206	BD7-206	Washer	M6	3
207	BD7-207	Spring		1
208	BD7-208	Washer	6	2
209	BD7-209	Screw	M3X4	4
210	BD7-210	Cover		1
212	BD7-212	Fix base		1

Part List for BD-7 Metal Lathe

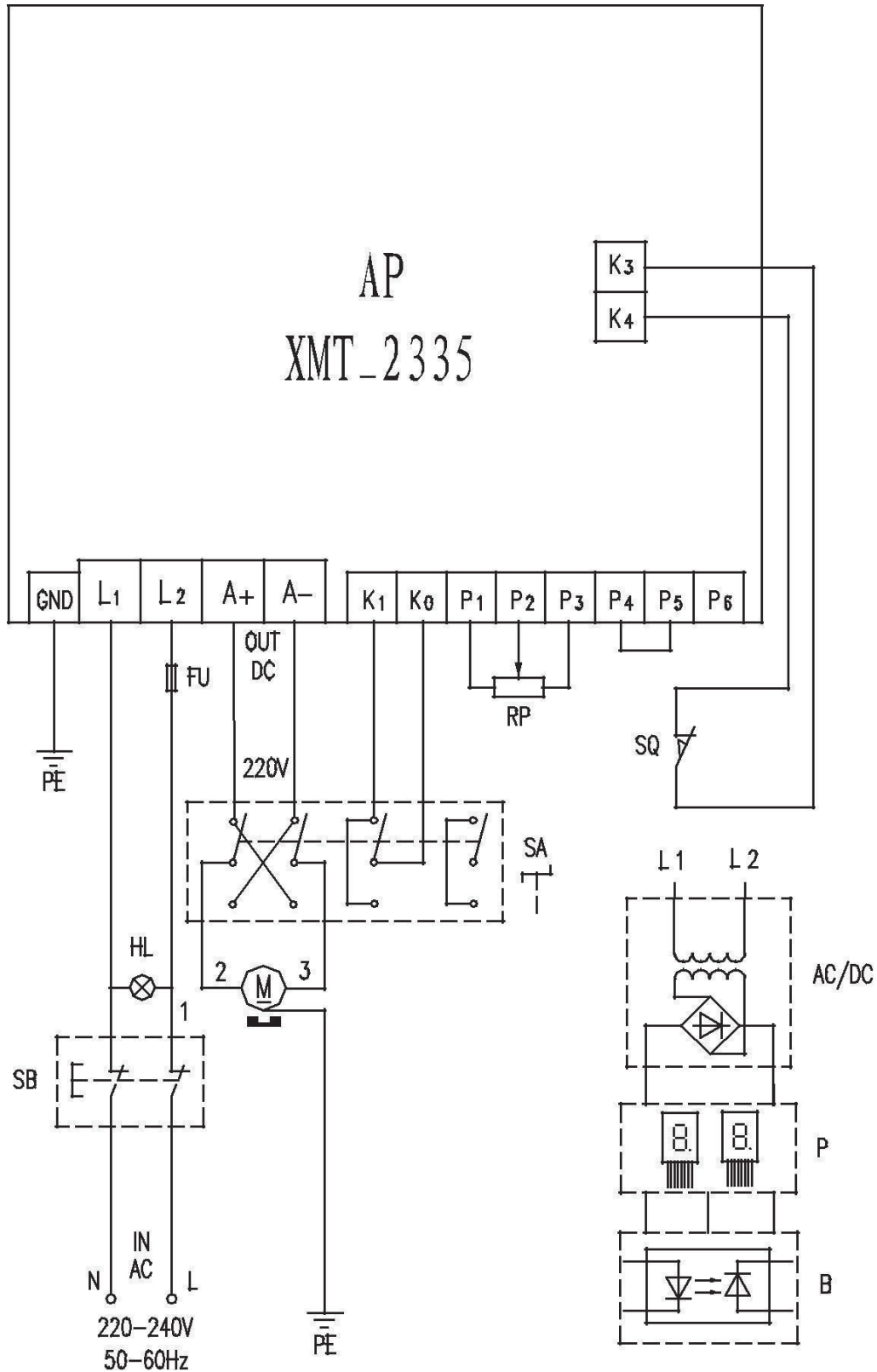
No.	Part no.	Description	Size	Qty.
216	BD7-216	screw	M6X8	2
217	BD7-217	Motor fixed plate		1
218	BD7-218	Washer		1
219	BD7-219	Spacer		1
220	BD7-220	light beam		1
221	BD7-221	Spacer		1
231	BD7-231	Support plate		1
232	BD7-232	Screw	M4X6	8
233	BD7-233	Photoelectricity switch		1
234	BD7-234	Screw	M3X6	2
251	BD7-251	Round pin		1
252	BD7-252	Dial		1
253	BD7-253	Screw	ST2.9*4.5	2
254	BD7-254	Cover		1
255	BD7-255	Micro switch		1
256	BD7-256	Dirt-proof boot		1
257	BD7-257	Leadscrew cover		1
258	BD7-258	Flat washer	4	3
266	BD7-266	Washer	6	1
268	BD7-268	Nut	M10	1
270	BD7-270	Screw supporting feet		1
303	BD7-303	Washer	10	1
318	BD7-318	Screw	M5X20	1
319	BD7-319	Washer	5	1
320	BD7-320	Screw	M6X10	4
321	BD7-321	Screw	M6X16	4
322	BD7-322	Pin	3X6	1
323	BD7-323	Screw	M8X25	2
324	BD7-324	Screw	M4X8	2
325	BD7-325	Flange		1
326	BD7-326	Screw	ST2.9X9.5-C	2
327	BD7-327	Screw	M6x8	1
328	BD7-328	Screw	M8x25	4
329	BD7-329	Countersunk screw	M10x35	1
330	BD7-330	Screw	M5x12	1
331	BD7-331	Screw	M6x20	1
332	BD7-332	Key	3x14	1
333	BD7-333	Screw	M8x25	1
334	BD7-334	Screw	M10x40	1
335	BD7-335	Washer	4	1
336	BD7-336	Screw	M4X12	1
337	BD7-337	Carbon brush for motor	(not shown)	2

Standard Accessories List for BD-7 Metal Lathe

No.	Part no.	Description	Size	Qty.
1	BD7-ACC-01	Key for 3 jaw chuck		1
2	BD7-ACC-02	L hex wrench	3,4,5,6mm	each 1
3	BD7-ACC-03	Double end wrench	8x10	1
4	BD7-ACC-04	Double end wrench	14x17	1
5	BD7-ACC-05	Oil cup		1
6	BD7-ACC-06	Dead center	MT2	1
7	BD7-169, 125,321,6	Rubber feet set		2
8	BD7-328	Screw	M8 X 25	4
9	BD7-ACC-09	Fuse	3.15A	1
10	BD7-ACC-10	External jaw for 3 jaw chuck		1
11	BD7-159	Change gear Z40		2
12	BD7-158	Change gear Z35		1
13	BD7-161	Change gear Z50		1
14	BD7-157	Change gear Z30		1
15	BD7-164	Change gear Z60		1
16	BD-ACC-16	Handle set		2



BD-7-M...50000900M.....1~230V, 50Hz



Part No.	Code of elements	Description	Type	Part No.	Code of elements	Description	Type
BD7-182	XMT2335	Main PC board	XMT2335	BD-178A	SB	Emergency stop switch	HY57B
BD7-150	M	DC motor	ZYT-350A	BD7-181	SA	Change over switch	ZH-1
BD7-179	FU	Fuse	3A	BD7-HL	HL	Green lamp	ZD10
BD7-180	RP	Potionmeter	WH24-1	BD7-P	P,B, AC/DC	Speed digital display device	NSC-1
BD7-255	SQ	Micro switch	SS-5GL				