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CATALOGUE



BUOKER UNIVERSAL KNITTING MACHINE



D. A. BUOKER
PEABODY, MASS.



BUOKER UNIVERSAL KNITTING MACHINE

*Subject to the market prices, of BEST Materials,
our prices are subject to change without notice.*

WE WOULD call the attention of manufacturers of hosiery and other knit goods, to the EASTERN UNIVERSAL KNITTING MACHINE, which embraces many new features and improvements over other seamless machines on the market. Standard sizes 3 $\frac{1}{4}$ " to 6" diameter inclusive. Other sizes to order.

CONSTRUCTION

During the five years they have been on the market, these machines built upon *honor*, with *best tool steel* cams and vital parts, have won the commendation of many of the largest Manufacturers in the United States. We wish to number you among our satisfied customers.

They are constructed of the best materials obtainable for the purpose, designed upon mechanical lines and built for *hard service*. All vital parts are made from bar steel sawed into blanks and then shaped by special machinery and tools, thus insuring all parts being made *interchangeable* for duplication. All cams are made from *tool steel* and warranted. All cams are $\frac{1}{4}$ " thick, thus allowing a substantial bearing for the needle butts in their travel.

The needle cylinders have a deep bearing of 2 $\frac{1}{2}$ " in the bed-plate, insuring perfect alignment at all times, thus preventing the wobbling of the needle cylinder and consequent uneven knitted fabric.

The skeleton cylinders (or second bearing for the needles) are made from the best tool steel seated at a depth of 1 5-16" in the babbitt base, insuring rigidity and are practically indestructible, as the base is reinforced inside and out (see No. 75).

The machine is constructed with an automatic shipper and measuring chain which automatically stops the machine at any length desired, thus allowing the operator to run several machines, the number depending on the nature of the work or the patterns produced.

The automatic pattern wheel (No. 3 Machine) is constructed of the best bar steel, for hard service and is practically *indestructible*.

When desired, machines are constructed with an automatic take-up roller device, for knitting straight work, or tubular webbing.

CLASSIFICATION AND PRODUCTION OF MACHINES

No. 1. Single feed machine, standard sizes, price \$75.00, built for very high speed and hard service, for 1 yarn.

No. 2. Double feed, or fancy machine, standard sizes, price \$100.00, combining the features of the No. 1 machine, also will, by the use of different colored yarns, produce various fancy patterns and may be operated with either one or two yarns.

This machine is a very rapid producer, as it knits two courses of stitches at each revolution.

No. 3. Automatic pattern wheel machine, standard sizes, price \$125.00, combining all the features of the No. 1 and No. 2 machines, with

the addition of the automatic pattern wheel (*made of steel*) which enables the operator to set up the pattern desired (a very simple operation requiring only two minutes' time), and the machine will continue to reproduce the pattern automatically, thus allowing an operator to very easily operate several machines, on all classes of knit work, and in knitting hosiery the operator can produce fancy hosiery nearly as quickly as the plain, as it is only necessary for the operator to knit the heel and toe, while the other machines are automatically knitting the fancy tops or legs.

These machines automatically produce fancy patterns at the same speed practically as the plain work, and they should especially appeal to manufacturers of plain or fancy hosiery, mittens, shirts, caps, golf stockings, linings for jackets, felt boots, etc.

Owing to the large variety obtainable from *one machine*, and owing to the very quick change from one pattern to another (with no expense to the manufacturer), these machines should especially appeal to the up-to-date manufacturers, for, being equipped with these machines, he is not obliged to carry a large number of various machines for various purposes, or is not obliged to send back different machines for reconstruction when he desires to produce a line of different goods, or patterns.

OPERATION

Our machines are very easily operated. Simply thread up, and throw on the power. Knitting the heel and toe is accomplished by raising and lowering the needles, and reciprocating the machine in the usual manner of machines, not especially designed for one special purpose.

Our machine will knit any depth of elastic hem for ladies' hosiery, or will knit the mock-rib for gents' half hose, and will widen or narrow.

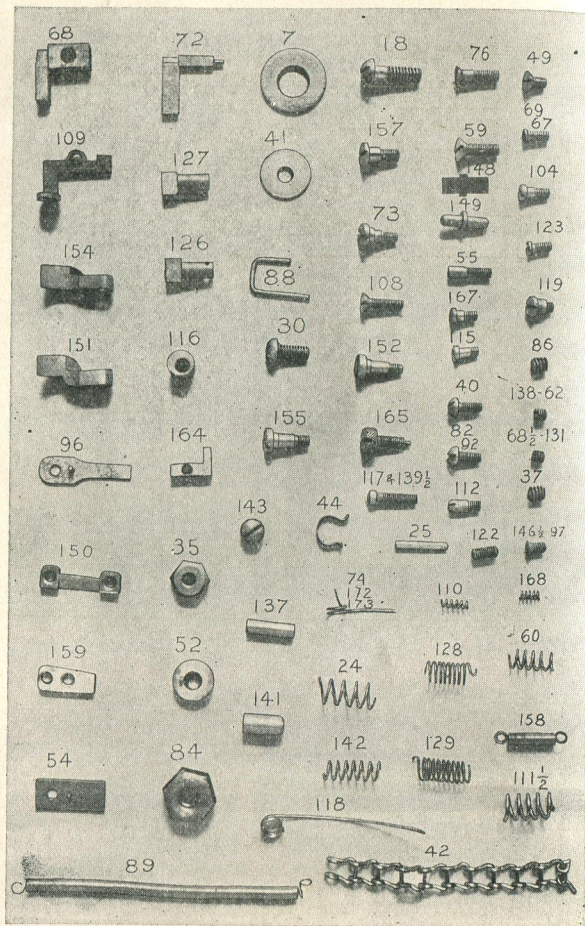
Built in all gauges 6, 8, 10, 12, 18, 24, 36, 42.

We also build special machines with one or more feeds, with automatic take-up for straight, tubular webbing, in the plain or fancy patterns.

Special cams from our special bar tool-steel made to order.

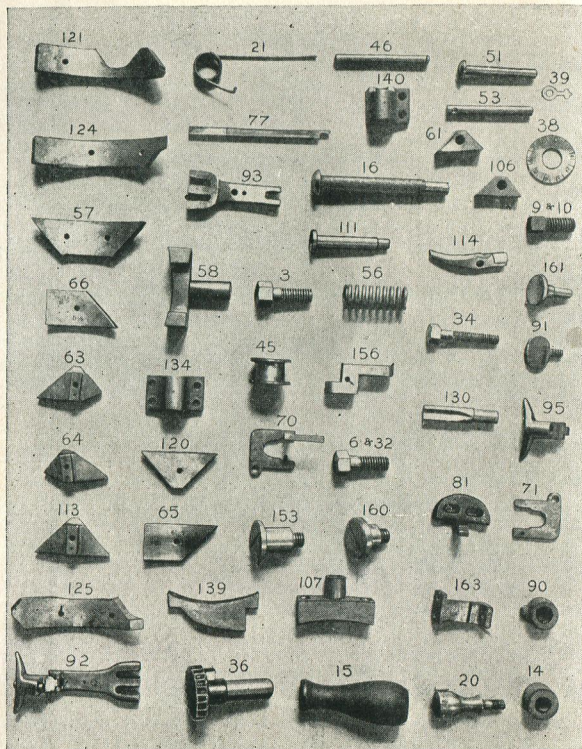
Order a trial set of our stitch cams. No. 63, 64 and 113. Guaranteed.

We use the *best tool steel* for our cams and parts. It costs us more to manufacture them, consequently, they cost you a trifle more, *but* — they wear twice as long and give satisfaction as the *quality* is there.

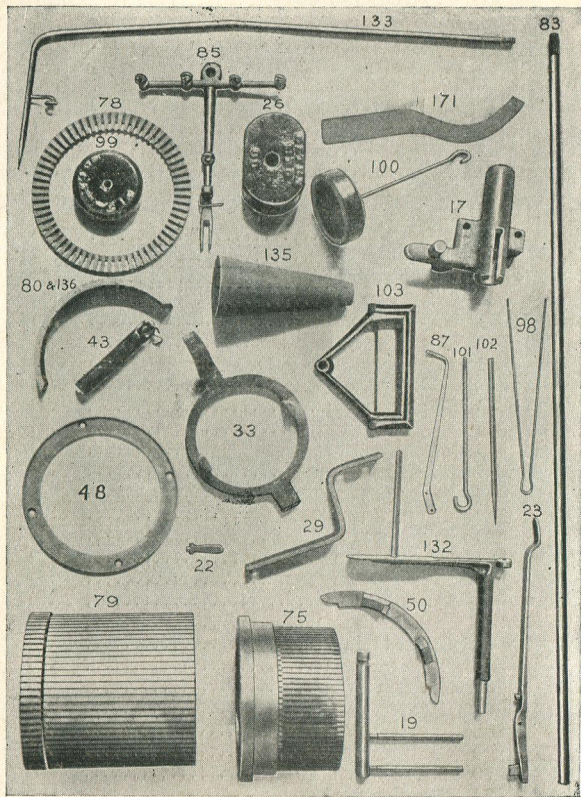


LIST OF PARTS

NO.		PRICE
1	Knitting machine stand	\$ 4.40
2	Knitting machine stand base	1.75
3	Knitting machine stand base screw	.08
4	Knitting machine shaft	.20
5	Knitting machine shaft box	2.00
6	Knitting machine shaft box screw	.08
7	Knitting machine box screw washer	.03
8	Gear wheel	1.25
9 & 10	Gear or pulley set screw	.05
11	Loose pulley	.75
12	Tight pulley	.90
13	Knitting machine rod support brace	.35
14	Weight holder, rubber cushion	.05
15	Crank handle	.15
16	Crank handle pin	.10
17	Shipper box	2.00
18	Shipper box screw	.05
19	Shipper box forked rod	.50
20	Shipper handle	.25
21	Shipper spring	.25
22	Shipper safety handle	.20
23	Shipper trip lever and safety handle	.70
24	Shipper trip lever spring	.10
25	Shipper trip lever pin	.03
26	Weight	.15
27	Weight holder	.75
28	Weight holder rod	.35
29	Weight holder rod brace	.25
30	Weight holder rod brace screw	.05
31	Bed plate	6.50
32	Bed plate screw	.10
33	Tension plate	.75
34	Tension plate screw	.10
35	Tension plate screw nut	.05



NO.		PRICE
36	Tension cam	\$.25
37	Tension cam set screw	.05
38	Index plate	.20
39	Index pointer	.10
40	Index pointer screw	.05
41	Index pointer washer	.05
42	Chain	.50
43	Chain weight	.10
44	Chain stop	.05
45	Chain roll	.25
46	Chain roll pin	.05
47	Single feed cam cylinder, complete, for power machine	16.50
48	Cam cylinder ring	.75
49	Cam cylinder ring screw	.05
50	Cam shifter	.50
51	Elevating cam stud	.35
52	Elevating cam stud cap	.15
53	Elevating cam shaft, for automatic pattern wheel, No. 3 machine	.25
54	Stitch cam cap	.10
55	Stitch cam screw	.08
56	Weight holder spring cushion	.15
57	Elevating cam base	1.50
58	Elevating cam box	2.50
59	Elevating cam box screw	.05
60	Elevating cam spring	.10
61	Elevating cam	1.00
62	Elevating cam screw	.10
63	Left stitch cam	.90
64	Right stitch cam	.90
65	Left end cam	.75
66	Right end cam	.75
67	End cam screw	.05
68	Engaging cam	1.25
68½	Engaging cam screw	.05
69	Guide plate screw	.05
70	Releasing cam, complete	2.50
71	Releasing cam base	1.75
72	Releasing cam	1.00
73	Releasing cam screw	.20
74	Releasing cam screw spring	.10



NO.		PRICE
75	Reinforced skeleton cylinder, complete, per bar	\$.05
76	Skeleton cylinder screw .....	.05
77	Skeleton cylinder bar .....	.05
78	Skeleton ring, per slot .....	.02
	(Minimum skeleton ring, net)	1.00
79	Needle cylinder, per slot .....	.08
80	Cam cylinder filling ring, for single feed or No. 1 machine	1.00
81	Needle cylinder, lug .....	.20
82	Needle cylinder, lug screw .....	.05
83	Yarn stand .....	.35
84	Yarn stand nut .....	.05
85	Yarn stand arm complete	1.00
86	Yarn stand arm screw .....	.05
87	Take up lever .....	.25
88	Take up clamp .....	.05
89	Take up spring .....	.10
90	Take up spring collar .....	.15
91	Take up spring collar screw .....	.05
92	Jointed yarn guide complete	1.50
93	Yarn guide stand .....	.60
94	Yarn guide stand screw .....	.05
95	Yarn guide stand head	1.00
95 1/2	Yarn guide stand pin .....	.05
96	Yarn guide spring .....	.20
97	Yarn guide spring screw .....	.05
98	Heel hook .....	.20
99	Heel weight .....	.10
100	Heel weight stand .....	.25
101	Heel weight hook .....	.15
102	Work hook .....	.20
103	Buckle .....	.50
104	Auxiliary latch screw .....	.10
105	Double feed cam cylinder, complete, power machine	25.00
105 1/2	Complete for No. 3 style machine	30.00
106	Auxiliary elevating cam .....	.90
107	Auxiliary elevating cam box	2.00
108	Auxiliary elevating cam box screw .....	.05
109	Auxiliary box latch	1.00
110	Auxiliary latchspring .....	.10

NO.		PRICE
111	Auxiliary elevating cam stud.....	\$.35
111½	Auxiliary stud spring.....	.10
112	Auxiliary elevating cam stud screw cam.....	.10
113	Auxiliary stitch cam.....	.90
114	Auxiliary stitch cam lever.....	.25
115	Auxiliary stitch cam lever screw.....	.10
116	Auxiliary stitch cam eccentric.....	.15
117	Auxiliary eccentric screw.....	.08
118	Auxiliary stitch cam spring.....	.10
119	Auxiliary stitch cam spring screw.....	.08
120	Auxiliary filling-in cam.....	.75
121	Auxiliary guide plate.....	1.75
122	Double feed bobbin carrier holder guide screw.....	.10
123	Double feed bobbin carrier holder screw.....	.05
124	Right guide plate.....	1.75
125	Left guide plate.....	1.75
126	Right guide plate guard.....	.30
127	Left guide plate guard.....	.30
128	Right guide plate guard spring.....	.10
129	Left guide plate guard spring.....	.10
130	Double feed bobbin carrier stud.....	.25
131	Double feed bobbin carrier stud screw.....	.05
132	Double feed bobbin carrier.....	1.00
133	Double feed bobbin carrier arm.....	.40
134	Double feed bobbin carrier holder.....	.50
135	Bobbin carrier copp. filler.....	.15
136	Double feed cam cylinder filler ring.....	1.00
137	Yarn guide bushing.....	.15
138	Yarn guide bushing screw.....	.05
139	Pattern wheel driving cam.....	1.00
139½	Pattern wheel driving cam screw.....	.08
140	Cam shifter friction box.....	.50
141	Cam shifter friction plunger.....	.05
142	Cam shifter friction plunger spring.....	.05
143	Cam shifter friction plunger screw.....	.10
144	Pattern wheel base.....	4.00
145	Pattern wheel, complete.....	9.00
146	Pattern wheel top section.....	4.00
146½	Pattern wheel top section screw.....	.05
147	Pattern wheel lower section.....	6.00
148	Pattern wheel engaging jack.....	.40

NO.		PRICE
149	Pattern wheel releasing jack.....	\$.40
150	Pattern wheel jack cam.....	.60
151	Stop pawl.....	.80
152	Stop pawl screw.....	.20
153	Pattern wheel screw bearing.....	.75
154	Driving pawl.....	.80
155	Driving pawl screw.....	.20
156	Driving pawl base.....	1.25
157	Driving pawl base screw.....	.20
158	Driving pawl base spring.....	.10
159	Driving pawl base stop.....	.20
159½	Driving pawl base stop screw.....	.05
160	Pattern wheel base pivot screw.....	.60
161	Pattern wheel base knob.....	.35
162	Pattern wheel friction, complete.....	1.75
163	Pattern wheel friction stand.....	1.15
164	Pattern wheel friction brake.....	.35
165	Pattern wheel friction brake adjusting screw.....	.15
166	Pattern wheel friction brake adjusting screw nut.....	.05
167	Pattern wheel friction brake screw.....	.10
168	Pattern wheel friction brake spring.....	.10
169	Long shank needles, each.....	.02
170	Short shank needles, each.....	.02
171	Needle lifter.....	.50
172	Driving pawl spring.....	.10
173	Stop pawl spring.....	.10

FOR THE FAMILY MACHINE

174	Table clamp.....	.75
175	Table clamp thumb screw.....	.10
176	Table clamp saucér.....	.10
177	Table clamp cap screw.....	.10
178	Table machine box.....	2.00
179	Table machine box screw.....	.10
180	Table machine crank and handle, complete.....	1.00
181	Table machine gear.....	1.25
182	Table machine gear set screw.....	.08
183	No. 1 table machine single feed, cam cylinder, complete.....	15.00
184	No. 2 table machine, double feed, cam cylinder, complete.....	25.00
185	No. 3 table machine, double feed, cam cylinder, complete.....	30.00

For other parts of Family Machine see list see No. 1 to No. 173.

