

November 2, 1950

Department #54

ASTORIA
DO NOT REMOVE

List of Parts Complete

for

Machines Nos. 158-5 and 158-24

158-5 ~ 158-24

ALS:LR

List of Parts Complete

for

Machine No. 158-24

Head only. Used with the combination of the 158-5 Machine. Trimming and overedging. Stitch Regulator can be operated while machine is in operation so that shorter stitches can be made at beginning and finishing the operation to give additional strength to seam. Thread Cutter. Bight adjustable from 5/16 in. to 3/8 in. Balance Wheel 132113. Diameter of belt groove 1 7/8 in. Speed: 1700

No.	Name
*132110	Arm with 15404 and two each 462AL, 624AL, 15405, 42253 and 42487
4389 2	Arm Dowel Pin
949 E 2	" Screw
132113	Balance Wheel, 1 7/8 in. pulley, with 446AL and 1285AL
1285 AL	Balance Wheel Position Screw
446 AL	" " Set Screw
42205	Feed Bar with 1253AL
42333	" " 42205 with 42013
42007	" " Hinge Pin
1253 AL	" " " " Set Screw
42008	" Connecting Rod with two 1057AL
42371	" " " 42008 with 1373C and 1520J
1057 AL 2	" " " Cap Screw
1373 C	" " " Hinge Screw
1520 J	" " " " " Nut
132504	" Dog, 14 teeth (10 teeth to the inch) for single thread
132097	Feed Dog, 23 teeth (16 teeth to the inch) for two threads
190 J	Feed Dog Screw

42011	Feed Eccentric with two 453AL
132505	" " Cover
42102	" " " Holder
132604	" " " " 42102 with 42101, 132505, 132931 and two each 190J and 207J
283 D	Feed Eccentric Cover Holder Thumb Screw
2749	" " " " " " Washer
207 J 2	" " " Screw
453 AL 2	" " Set Screw
132506	" Lifting Eccentric with two 462AL
42013	" " " Connection
462 AL 2	" " " Set Screw
132173	" Regulating Rod
132266	" " " 132173 with 59E, 1521J, 132095, 132174, 132176 to 132178 and three 61067
42014	Feed Regulator with 233J and two 1259AL
42015	" " Connection with 1012E
42368	" " " 42015 with 1373C and 1520J
1012 E	" " " Adjusting Screw
1373 C	" " " Hinge Screw
1520 J	" " " " " Nut
1374 C	" " " " Stud
1690 C	" " " " " Nut
42290	" " " " " " Washer
42016	" " Hinge Stud
1259 AL 2	" " Set Screw
233 J	" " Stop Screw
42019	" Rock Shaft
42021	" " " Crank with 157E
157 E	" " " " Clamping Screw
42020	Feed Rock Shaft complete, Nos. 42019 and 42021

42098		Feed Rock Shaft Hinge Pin
42079	2	" " " " " Bushing
1036 AL	2	" " " " " " Set Screw
*132179		Frame
42210		" Rotary Shaft
42024		" " " Bushing (front)
1036 AL		" " " " " Set Screw
42211		" " " Crank with 1036AL and 1375AL
1375 AL		" " " " Position Screw
1036 AL		" " " " Set Screw
42026		" " " Flanged Bushing (back)
54967		" " " " " " Oil Pad
		(braided cotton)
1036 AL		Frame Rotary Shaft Flanged Bushing (back) Set Screw
42367		" " " Front Bearing Oil Pad (braided cotton)
42193		Frame Side Cover (left) with 132701
132701		" " " " Handle
330 W	2	" " " " Screw
42028		" " " (right)
42101		" " " " Lock Spring
190 J		" " " " " " Screw
330 W	2	" " " " Screw
132508		" Top Cover
132180		" " " Extension (back)
742 F		" " " " " Screw
132300		" " " " (front)
132931		" " " " " 132300 with 132511
		and two 337W, for single thread stitch
144001		Frame Top Cover Extension (front) 132300 with 144002
		and two 337W, for two or three thread stitch

132511		Frame Top Cover Extension (front) Chaining-off Finger for 132931
144002		Frame Top Cover Extension (front) Chaining-off Finger for 144001
337 W	2	Frame Top Cover Extension (front) Chaining-off Finger Screw
190 J		Frame Top Cover Extension (front) Screw
742 F	2	" " " Screw
42305	2	Knife (movable)
		Note: Two No. 42305 are sent with this machine.
42306		Knife (movable) Gib
132926		" " Holder
132927		" " " 132926 with 133F, 42040, 42306, 132928 and two 220E
132928		Knife (movable) Holder Cap
220 E	2	" " " " Screw
42038		" " " Guide with 336F
42039		" " " " Plate
621 E	2	" " " " " Screw
336 F		" " " " Set Screw
133 F		" " " Screw
42040		" " " " Extension Pin
42041		" " " Spring
42042		" " Lever
132512		" " " Bracket with 1036AL
949 D		" " " " Screw
42217		" " " Connection with two 175E
175 E	2	" " " " Cap Screw
1373 C		" " " " Hinge Screw
1520 J		" " " " " " Nut
42045		" " " Hinge Stud

1036 AL		Knife (movable) Lever Hinge Stud Set Screw
42309	2	" (stationary) with 42049
		Note: Two No. 42309 are sent with this machine.
42310		Knife (stationary) Clamping Stud
1534 D		" " " " Thumb Nut
132513		" " Holder
1376 C		" " " Regulating Thumb Screw
1101 C		" " " Screw
42049	2	" " Stud
132514		Looper (left hand) for single thread stitch
42219		" " " " two thread stitch
42051		" " " Lever with 209H
42318		" " " " 42051 with 42053
42052		" " " " Connecting Link
42384		" " " " " " 42052 with
		two each 15200 and 505620
50562 C	2	Looper (left hand) Lever Connecting Link Hinge Screw
1520 C	2	" " " " " " " "
		Nut
42053		Looper (left hand) Lever Hinge Stud
1036 AL		" " " " " " Set Screw
209 H		" " " Set Screw
42073		" (right hand) and Spreader Lever with 1259AL
132182		Presser Foot complete, for single thread stitch, for
		turning the trimmed edge of material up, Nos.
		233J, 132096 and 132181
1324 C		Presser Foot Screw
39541		" " " Washer
132518		" Lever
42045		" " Hinge Stud
1120 AL		" " " " Set Screw

132519		Presser Lever Lifter
50378 F	" " " "	Screw (back)
1547 J	" " " " "	Nut
190 J	" " " " "	(front)
42071	" " "	Spring
1378 J		Pressure Regulating Thumb Screw
42250		Spreader, for two thread stitch
197 J	" "	Screw
132183		Tension (looper, left hand) Bracket
191 J	" " " " "	Screw
2102 2	" " " " "	Disc
1560 C	" " " " "	Regulating Thumb Nut
637 C	" " " " "	Screw Stud
33929	" " " " " "	637C with 1560C
1700 J		Tension (looper, left hand) Screw Stud Nut
10148	" " " " "	Spring
2102 2	" "	(needle thread) Disc
1560 C	" " " "	Regulating Thumb Nut
916 C	" " " "	Screw Stud
44209	" " " " " "	916C with 1560C
2103	" " " "	Spring
42082	" " " "	Thread Guide
42242		Thread (looper, left hand) Eyelet, for two thread stitch
233 J		Thread (looper, left hand) Eyelet Screw
42084	" " " " "	Tube
462 AL	" " " " "	Set Screw
132520	" "	(needle) Eyelet, for single thread stitch
42096	" " " " "	two thread stitch
217 J	" " " "	Screw

42162		Thread (needle) Take-up, for single thread stitch
42128	" " " "	two thread stitch
197 J 2	" " " "	Screw
132084	"	Cutting Knife
132184	" " " "	Bar
132185	" " " "	Bracket
132265	" " " " "	132185 with 207E, 132084, 132095, 132184, 132186 and 132187
191 J 2		Thread Cutting Knife Bar Bracket Screw
132186	" " " "	Handle with 453AL
453 AL	" " " " "	Set Screw
132095	" " " "	Spring
132085	" " " "	Block (brass)
50156 F 2	" " " "	Screw
132187	" " " "	Locating Collar with 50084C
50084 C	" " " " "	Set Screw
207 E	" " " "	Screw
132009		Throat Plate, for 132107
132107	" " "	132009 with 132085 and two 50156F, for 132504, for single thread stitch
132010		Throat Plate for 132108
132108	" " "	132010 with 132085 and two 50156F, for 132097, for two thread stitch
742 F 2		Throat Plate Screw
*15404		Trade Mark
15405 2	" " "	Rivet

November 2, 1950

Department #54

List of Parts Complete

for

Machine No. 158-5

Machine Head 158-24 bolted to a portable column stand,
Feed Wheel with spurs to carry the material to the
machine and revolves in unison with the feeding mechanism of the machine; also fitted with ratchet so that it can be moved forward independent of the stitching mechanism when inserting the material. Guards to protect operator and keep material from entangling in gears. Chute to carry trimming to receptacle on floor. Furnished with a Series 9 Motor for electric operation. Balance Wheel 132113. Diameter of belt groove 1 7/8".
Speed: 1700.

Column Stand Parts

No.	Name
132131	Base with 968C and 51420C
25362 28	" Caster Ball, size 3/16 in.
67609 2	" " " Ring with fourteen 25362
67611 2	" " " " Washer (lower)
67611 2	" " " " " (upper)
132268 3	" " Fork
132269 3	" " " Roller with 445C
132270 3	" " " " Hinge Pin
445 C 3	" " " " " " Set Screw
132271	" " Shank for 132272
150093 2	" " " " 132274
8496 3	" " " Position Pin
144 E 2	" " " Screw
14044 2	" " " " Washer
132272	Base Caster (back) complete, Nos. 8495 and 132268 to 132271
132273	Base Caster (back) Collar
28049	" " " Pin
132274 2	Base Caster (front) complete, Nos. 144E, 8496, 14044, 67609, 132268 to 132270, 150093 and two 67611
150312	Belt, size 5/16 in., length 50 in., with 25029, from Feed Wheel Pulley to Motor
150313	Belt, size 5/16 in., length 38 in., with 25029, from Machine Driving Pulley to Balance Wheel
25029 2	Belt Hook
132191	Chip Chute
1178 R	" " Screw
17739	" " " Washer
132192	" Guard (to fasten to frame of machine)

356 C	2	Feed Wheel Pulley Hub Set Screw
132164		" " " " Shaft and Gear, 18 teeth
41150		" " " " " " " Collar with
		two 858AL
858 AL	2	Feed Wheel Pulley Hub Shaft and Gear, Collar Set Screw
1178 R	4	" " " " Screw
67425	4	" " " " Lock Washer
132296		Feed Wheel Pulley complete, Nos. 126728, 126897 and
		132293
132145		Feed Wheel Shaft
124010	2	" " " " Collar with two 432AL
432 AL	4	" " " " Set Screw
968 C		" " " " Set Screw
*132071	60	" " " " Spur
132146	60	" " " " 132071 with 132154
132147		" " " " Guard (lower)
51089 R	3	" " " " " " Bolt with 51581R
51581 R	3	" " " " " " " Nut
67425	3	" " " " " " " Lock Washer
132148		" " " " " " Bracket (lower)
146 R	2	" " " " " " " " Screw
132149	2	" " " " " " " (upper)
51089 R	4	" " " " " " " Bolt
		with 51581R
51581 R	4	Feed Wheel Spur Guard (lower) Bracket (upper) Bolt
		Nut
327 R	4	Feed Wheel Spur Guard (lower) Screw (lower)
1637 R	4	" " " " " " " Nut
742 F		" " " " " " (upper)
1708 R		" " " " " " " Nut
132194		" " " " (front)

327 R 2	Feed Wheel Spur Guard (front) Screw
1637 R 2	" " " " " " Nut
9525 2	" " " " " " Washer
132195	" " " " and Stripper (rear)
327 R 2	" " " " " " Screw
1637 R 2	" " " " " " " Nut
9525 2	" " " " " " " "
	Washer
132196	Feed Wheel Spur Guard complete, Nos. 742F, 1708R, 132147, 132148, 132194, 132195, two 132149, three 67425, four 9525, seven 51089R and eight each 327R and 1637R
132154 60	Feed Wheel Spur Holder
1735 R 60	" " " " Nut
126897	Machine Driving Pulley (sectional, grooved) sheet metal, 9 1/2 in. diam.
1178 R 4	Machine Driving Pulley Screw
67425 4	" " " " Washer
132159	Treadle
132165	" 132159 with 132170
132166	" Bracket with two 968C
968 C 2	" " Set Screw
132161	" " Shaft
4115C	" " " Collar with two 858AL
858 AL 2	" " " " Set Screw
132124	" " " Crank with 436C
124030	" " " " Pin
67161	" Pitman Rod (lower)
69240	" " " (upper)
80223	" " " Clamp with 361C
361 C	" " " " Set Screw

69241	Treadle Pitman complete, Nos. 67161, 69240 and 80223
132167	" " Hinge Stud
436 C	" " " " Set Screw
731 R	" Screw (long)
50967 R	" " (short)
132168	" Spring
132169	" " Bracket
132170	" " Stud
51143 R	" Stop Screw
1606 R	" " " Nut
132197	Column Stand with Feed Wheel complete (electric drive, A.D. or D.C. current) Nos. 327R, 1178R, 1606R, 17738, 23821, 28049, 50874R, 50967R, 51143R, 58715, 69241, 122910, 124030, 132124, 132131 to 132133, 132138 to 132141, 132143, 132145, 132161, 132164 to 132169, 132191, 132193, 132196, 132272, 132273, 132290, 132296, 144005, 144006, 150312, 150313, 194033 or 194034 or 194035, 194039 or 194040 or 194041, 898867 or 898868, 942417, two each 146R, 217J, 41150, 124010, 132274, three each 116R, 9842, 50807R, 51089R, 126079, 126150, four 1778R, seven 731R and sixty each 1735R and 132146

Accessories

No.	Name
120344	Oiler (copper plated) with 120345
120345	" Spout, 5 in. long
120440	Screw Driver
42090	Threading Wire
68547	Wrench for 1324

8908		Wrench for 1520
4822	" "	1547

Machine Base

No.		Name
132188		Machine Base
42088	4	" Cushion (felt)
935 E	4	" " Screw
66707	4	" " " Washer
132189		Machine Base complete, Nos. 132188 and four each 935E, 42088 and 66707
132190		Machine Base Guide
1177 J	2	" " " Screw
51392 J		" " Thumb Screw
9842		" " " " Washer
948 D		" Screw, to fasten machine to base

Motor

The machine is operated with a Series S-9 Motor

No.		Name
743842		Machine Driving Pulley and Friction Disc, 1 3/4 in. diam., (cast iron)
50807 R	3	Motor Bolt
1778 R	3	" " Nut
126150	3	" " " Lock Washer
9842	3	" " Washer
942417		" Bracket
50874 R		" " Bolt (long)
58715		" " " " Washer
731 R	3	" " " (short)

Electrical Parts

No.	Name
898788	Lead, length 25 ft., for 898867
193645	" " 25 ft., for 898868
898780	" Insulating Bushing with 50771
898781	" " " Insulator (rubber)
50771	" " " Set Screw
67935	Lead Insulating Bushing complete, Nos. 898780 and 898781
67932	Lead Plug
67933	" " Cap
67931	Lead Plug, 660 watt complete for 898867, Nos. 67932 and 67933
898867	Lead, length 25 ft., complete, from outlet box to switch, for single or two phase A.C. Motors, 110 and 220 volts and D.C. Motors, 115 and 230 volts, Nos. 67931, 67935 and 898788
898868	Lead, length 25 ft., complete, from outlet box to switch, for three phase motors, Nos. 67935 and 193645
744535	Switch (two pole) with 744536, for 194033
744538	" (three pole) with 744539, for 194034
744541	" (four pole) with 744542, for 194035
67744	" Box (octagon) for 194033 and 194034
744603	" " " " 194035
67750	" " Clamping Plate
1178 E	" " " " Screw
67435	" " Cover for 194033
744255	" " " " 194034
744602	" " " " 194035
50661 R 2	" " " Screw for 194033 and 194034

50686 R 2	Switch Box Cover Screw for 194035
744536	" Cover (insulated) for 744535
744539	" " " " 744538
744542	" " " " 744541
721303	" Handle, for 194033 and 194034
744543	" " " 194035
50643 R 2	" Screw, for 194033 and 194034
50675 R 2	" " " 194035
1787 2	" " Nut (brass) for 194033 and 194034
1785 2	" " " " " 194035
194033	Switch (two pole, reversing) complete, for single phase, 110 to 220 volts, A.C. or 115 to 230 volts, D.C. Motors, Nos. 1178E, 67495, 67744, 67750, 721303, 744535 and two each 1787, 50643R and 50661R
194034	Switch (three pole, reversing) complete, for 110 to 220 volts, A.C. three phase Motors, Nos. 1178E, 67744, 67750, 721303, 744255, 744538 and two each 1787, 50643R and 50661R
194035	Switch (four pole, reversing) complete, for 110 to 220 volts, A.C. two phase motors, Nos. 1178E, 67750, 744541, 744543, 744602, 744603 and two each 1785, 50675R and 50686R
194036	Wire, 29 1/2 in. long, with Conduit (2 strand B.X. Cable) for 194039
194037	Wire, 29 1/2 in. long, with Conduit (3 strand B.X. Cable) for 194040
194038	Wire, 29 1/2 in. long, with Conduit (4 strand B.X. Cable) for 194041
744760	Wire Conduit Connector
744761	" " " 90 degrees

744762 Wire Conduit Connector Bushing (paper) for 194039 and
194040

744763 Wire Conduit Connector Bushing (paper) for 194041

194039 Wire Connection complete, from motor to switch, for
single phase 110 to 220 volts, A.C. or 115 to
230 volts, D.C. Motors, Nos. 194036, 744760,
744761 and two 744762

194040 Wire Connection complete, from motor to switch, for
three phase 110 to 220 volts, A.C. Motors, Nos.
194037, 744760, 744761 and two 744762

194041 Wire Connection complete, from motor to switch, for
two phase 110 to 220 volts, A.C. Motors, Nos.
194038, 744760, 744761 and two 744763

Speed Reducer

For D.C. Motor

No.	Name
60499	Pulley (large) 6 1/2 in. diam.
60483	" (small) 2 1/2 in. diam.
60870	" Hub
50512 E 8	" Screw
60765	" Shaft with 60739, 60740, 61148 and two 60741
150316	" " Bushing
68350	" " Oil Cup
61148	" " " Hole Plug
60739	" " Oiling Wick
60740	" " " " Cover (leather)
60741 2	" " " " " Plug (leather)
343 C	" " Set Screw
54970	" " Washer
150317	Speed Reducer complete, Nos. 54970, 60483, 60499, 60765, 60870 and eight 50512E

Thread Unwinder

For One Spool

No.	Name
225259	Spool Rest with 201018C
150203	" " Cushion (felt)
150078	" " Rod
200383 C	" " " Set Screw
201018 C	" " Set Screw
259658	" Stand with 200383C
27739	Thread Cone (wood) for large cones
225390	" " Holder, for inverted cones
Note: Nos. 27739 and 225390 are used with, but not included in 150318	
150079	Thread Guide with 208E
208 E	" " Screw
150318	Thread Unwinder complete, Nos. 150078, 150079, 150203, 225259, 259658 and three each 50573R and 51587R
150311	Thread Unwinder Bracket
1177 R 2	" " " Screw
701348 2	" " " " Lock Washer
50573 R 3	" " Screw
51587 R 3	" " " Nut

Thread Unwinder
For Two Spools

No.	Name
225257	Spool Rest (for two spools) with 201018C
150203 2	" " Cushion (felt)
225388	" " Rod
200383 C	" " " Set Screw
201018 C	" " Set Screw
259658	" Stand with 200383C
27739	" Cone (wood) for large cones
225390	" " Holder, for inverted cones
Note: Nos. 27739 and 225390 are used with, but not included in 150319	
225391 2	Thread Guide
201696 J	" " Lock Nut
225326	" " Position Cup
225324	" " Rod with 208E and 225322
208 E	" " " Screw
225322	" " " Washer
150086	" Separator
150060	" " Bracket Arm with 164J and 9525
164 J	" " " " Clamping Screw
9525	" " " " " " Washer
164 J	" " " " Screw
9525	" " " " " Washer
150087	Thread Separator complete, Nos. 164J, 9525, 150060 and 150086
150319	Thread Unwinder complete, Nos. 150087, 201696J, 225257, 225324, 225326, 225388, 259658, two each 150203, 225391 and three each 50573R and 51587R

Thread Unwinder

For Two Spools

No.	Name
225257	Spool Rest (for two spools) with 201018C
150203 2	" " Cushion (felt)
225388	" " Rod
200383 C	" " " Set Screw
201018 C	" " Set Screw
259658	" Stand with 200383C
27739	" Cone (wood) for large cones
225390	" " Holder, for inverted cones
Note: Nos. 27739 and 225390 are used with, but not included in 150319	
225391 2	Thread Guide
201696 J	" " Lock Nut
225326	" " Position Cup
225324	" " Rod with 208E and 225322
208 E	" " " Screw
225322	" " " Washer
150086	" Separator
150060	" " Bracket Arm with 164J and 9525
164 J	" " " " Clamping Screw
9525	" " " " " Washer
164 J	" " " " Screw
9525	" " " " " Washer
150087	Thread Separator complete, Nos. 164J, 9525, 150060 and 150086
150319	Thread Unwinder complete, Nos. 150087, 201696J, 225257, 225324, 225326, 225388, 259658, two each 150203, 225391 and three each 50573R and 51587R

150311			Thread Unwinder Bracket
1177 R	2	" " "	Screw
701348	2	" " "	Lock Washer
50573 R	3	" "	Screw
51587 R	3	" " "	Nut

Thread Unwinder
For Three Spools

No.	Name
225259	Spool Rest (for one spool) with 201018C
225257	" " (for two spools) with 201018C
150203 3	" " Cushion (felt)
225388	" " Rod
200383 C	" " " Set Screw
201018 C 2	" " Set Screw
259658	" Stand with 200383C
225391 3	Thread Guide
201696 J	" " Lock Nut
225326	" " Position Cup
225324	" " Rod with 208E and 225322
208 E	" " " Screw
225322	" " " Washer
150058	" Separator
150060	" " Bracket Arm with 164J and 9525
164 J	" " " " Clamping Screw
9525	" " " " " Washer
164 J	" " " Screw
9525	" " " " Washer
150061	Thread Separator complete, Nos. 164J, 9525, 150058 and 150060

150320 Thread Unwinder complete, Nos. 150061, 201696J,
225257, 225259, 225324, 225326, 225388,
259658 and three each 50573R, 51587R,
150203 and 225391

150311 Thread Unwinder Bracket

1177 R	2	"	"	"	Screw
701348	2	"	"	"	" Lock Washer
50573 R	3	"	"	"	Screw
51587 R	3	"	"	"	Nut
27739		"			Cone (wood) for large cones
225390		"	"		Holder, for inverted cones

Note: Nos. 27739 and 225390 are used with, but not
included in 150320

For Wide Feed Wheel (5 5/8 in. wide)
and Feed Wheel Guards (7 1/4 in.)

No.	Name
132199	Feed Wheel 132134 with 132200 and thirteen 402R
132200	" " Band
132201	" " Spur
132202	" " " 132201 with 132154
132203	" " " Guard (lower)
132204	" " " " (front)
132205	" " " " and Stripper (rear)
132206	Feed Wheel Spur Guard complete, Nos. 132148, 132203 to 132205, two 132149, three 51089, six 9525 and ten each 327R and 1637R