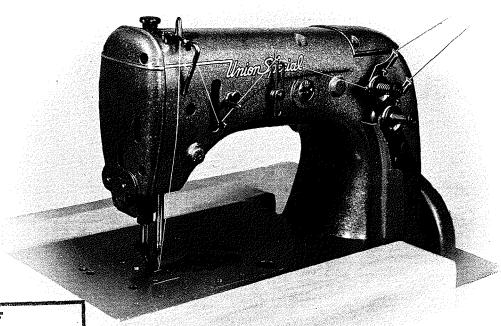


Union Special SEWING LEWIS . COLUMBIA MACHINES

STYLE 51200 BC



PROPERTY OF DEVELOPMENT/CATALOG DEPT.

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CATALOG No. T110 L LIST OF PARTS FOR

STYLE 51200 BC

Union Special MACHINE COMPANY

CHICAGO

Here are Oil Specifications for Union Special Sewing Machines

Specification 174 specifies a high quality petroleum oil, viscosity 100 seconds at $100^{\rm O}$ F. Recommended for all oiling applications on high speed machines.

Specification 175 specifies a high quality petroleum oil, viscosity 100 seconds at 100°F., water white or with a maximum A.S.T.M. color number of 1. For use where freedom from oil staining is paramount.

Specification 87 specifies a high quality petroleum oil, viscosity 300 seconds at 100°F.

Specification 100 specifies a general purpose high quality grease for use in ball bearings and transmitters. It is similar to commercial N.L.G.I., grease No. 3. Where No. 3 grease is not obtainable, No. 2 may be used.

UNION SPECIAL

SPECIFICATION NO.	174	175	87
Viscosity S.S.U. at 100°F	90-125	90-125	300-350
Flash (Min.)	350	350	350
Pour (Max.)	20	20	20
Color A.S.T.M. (Max.)	3	1	3
Neutralization No. (Max.)	0.10	0.10	0.10
Viscosity Index			
(D & D Min.)	85	85	85
Compounding	None	None	None
Copper Corrosion (Max.)	1A	1A	1A
*Anline No.	175-225	175-225	175-225

*Used with Buna N Rubber "O" Retainers



NOTE 1: The use of non-corrosive additives in oils meeting above classification is desirable but not essential. These may include:

- 1. Oxidation inhibitors
- 2. Rust inhibitors
- 3. Lubricity additives
- 4. Anti-oxidants
- 5. Film strength additives

These additives must be completely soluble in the oil and not removable by wick feeding nor shall they separate.

NOTE 2: Oils containing the following type additives shall not be used at any time:

- 1. Extreme pressure additives—corrosive
- 2. Tackiness or adhesive additives
- 3. Lead soap additives
- 4. Detergents



Catalog No. T110 L

LIST OF PARTS

Style
51200 BC

First Edition

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Printed in U.S.A.

IDENTIFICATION OF MACHINE

Each Union Special carries a Style number which is stamped in the name plate on the machine. Style numbers are classified as standard and special. Standard Style numbers have one or more letters suffixed, but never contain the letter "Z". Example: "Style 51200 BC". Special Style numbers contain the letter "Z". When only minor changes are made in a standard machine, a "Z" is suffixed to the standard Style number. Example: "51200 BCZ".

Styles of machines similar in construction, are grouped under a class number, which differs from the Style number in that it contains no letters. Example "51200".

APPLICATION OF CATALOG

This catalog applies specifically to the standard styles of machines as listed herein.

It can also be applied with discretion to some special machines in Class 51200. All reference to direction, such as left and right, front and back, etc., are taken from the operator's position while seated at the machine. Operating direction of handwheel is away from the operator.

DESCRIPTION OF MACHINE

51200 BC Streamlined Low Throw Flat Bed Machine, for Seaming Women's Fancy Dress Gloves made from Rayon, Nylon, Cotton or Silk, and for Similar Operations on Light Weight Materials. Light Weight Presser Bar and Needle Bar Driving Mechanism. Single Reservoir Enclosed Automatic Lubricating System and Filter Type Oil Return Pump. Seam Type SSa-1, Stitch Type 401.

NEEDLES

Each Union Special needle has both a type number and a size number. The type number denotes the kind of shank, point, length, groove, finish and other details. The size number stamped on the needle shank, denotes largest diameter of blade measured in thousandths of an inch midway between shank and eye. Collectively, type number and size number represent the complete symbol.

Standard needle for Style 51200 BC is Type 124 GCS. It is a short length, double groove, spotted, short blade, long point, struck groove, chromium plated needle with diameter of shank .080 inch, and is available in sizes 027, 029, 032. Unless otherwise specified, the machine will be equipped with size 027.

To have needle orders promptly and accurately filled, the empty package, a sample needle, or type and size number should be given. See description on label. A complete order would read "1000 Needles, Type 124 GCS, size 027".

Selection of proper needle size should be determined by size of thread used. Thread should pass freely through needle eye to produce a good stitch.

USE GENUINE NEEDLES AND REPAIR PARTS

Success in the operation of this machine can be secured only with genuine Union Special Needles and Repair Parts as furnished by the Union Special Machine Company, its subsidiaries and authorized distributors. They are designed according to the most approved scientific principles, and are made with utmost precision. Maximum efficiency and durability are assured.

Genuine needles are packaged with labels marked *Union Special*. Genuine repair parts are stamped with the Union Special trade mark. Each trade mark is your guarantee of the highest quality in materials and workmanship.

IDENTIFYING PARTS

Where the construction permits, each part is stamped with its part number. On some of the smaller parts, and on those where the construction does not permit, an identification letter is stamped to distinguish the part from similar ones.

All part numbers represent the same part, regardless of the catalog in which they appear.

TERMS

Prices are strictly net cash and subject to change without notice. All shipments are forwarded at the buyer's risk f.o.b. shipping point. Parcel post shipments are insured unless otherwise directed. A charge is made to cover the postage and insurance.

OILING

The oil has been drained from the machine before shipping, and the reservoir must be filled before beginning to operate. Use a straight mineral oil with a Saybolt viscosity of 90 to 125 seconds at 100° Fahrenheit.

Oil is filled at the spring cap in the top cover, and the level is checked at the oil sight gauge on the front of the machine. The oil level should be maintained between the red lines on the oil gauge. The capacity of the oil reservoir is twelve ounces.

The machine is automatically lubricated and no oiling other than keeping the main reservoir filled is necessary.

A daily check before the morning start should be made and oil added if required.

Oil which has gone through the machine is filtered and pumped back into the main reservoir making too frequent oiling unnecessary.

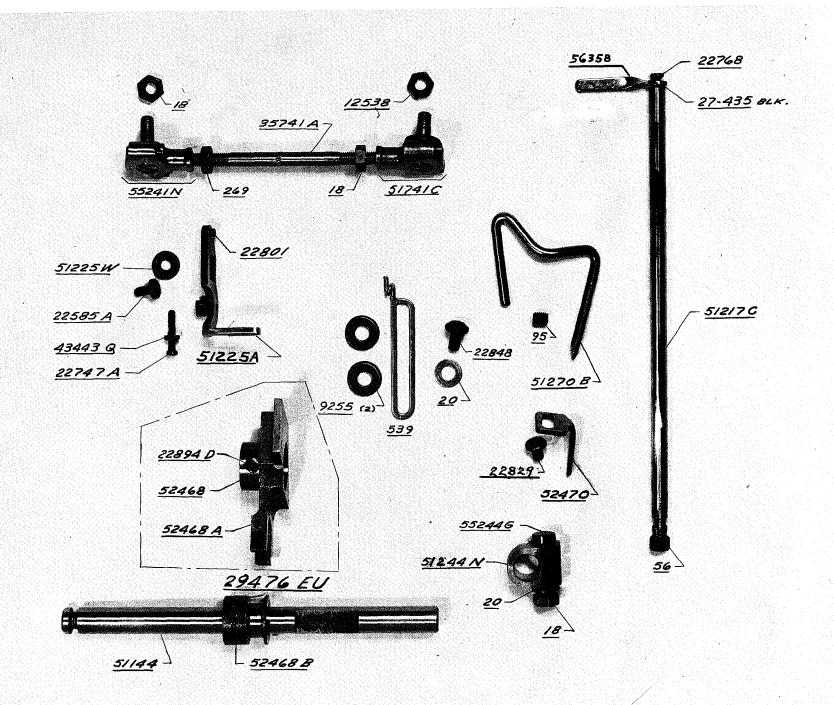
Excessive oil in the main reservoir, may be drained at the plug screw, in the main frame directly under the handwheel.

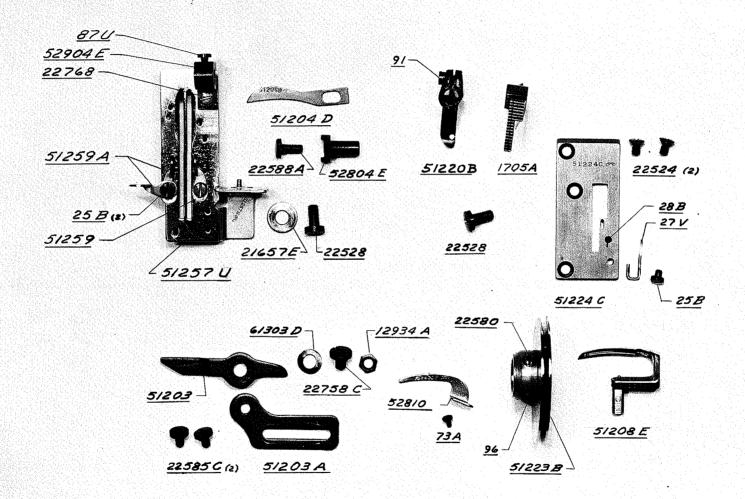
The following is a numerical list of the parts used in this machine. Quantities, part numbers, and descriptions are given. Following the parts list are photographs of some of the major parts.

Amt.	Part No.	Description	Amt.	Part No.	Description	Amt.	Part No.	Description
1	8	Feed Rocker Shaft	2	666-179	Wedge Pin for 666-111	1	22883 A	Plug Screw for looper
3	18	Nut for 35741 A,	2	719	Screw for 51150,			drive lever shaft
.	20	55241 N, 55244 G	1	1705 A	51250 E Feed Dog (22528)	$\begin{vmatrix} 1 \\ 1 \end{vmatrix}$	22889 A 22894 D	Plug Screw for 539
3	20	Washer for 539, 51236 G, 55244 G	1	6042 A	Washer for 52894 AM	*	2200 ± D	Spot Screw for 52468
3	25 B	Screw for 51259,	2	9255	Washer for 539	1	22894 D	Screw for feed lifter
		51259 A	1	12538	Nut for 51741 C		22224 7	and looper avoid ecc.
1 1	25 B 27 - 435	Screw for 27 V	1	12934 A 12982	Nut for 22758 C Lock Nut for 81	2 1	22894 F 22894 H	Set Screw for pulley Screw for 52942
	Blk.	Needle Bar Eyelet	ī	15465 F	Looper Rocker Cone	2	22894 J	Screw for 51247
		Washer			(22894 W)	2	22894 W	Screw for 15465 F
1	27 V	Retainer for 51224 C	1	B21375 AH	Belt Guard (93) Tension Release	1	29066 R	Needle Lever Con-
1	28 B	(25 B, 28 B) Regulating Screw for	1	21657-3	Separator (22598 C)	1 1	29105 R	necting RodAssembly Looper Drive
- 1	20 D	27 V	1	21657 E	Washer for 51257 U	^	20100 10	Eccentric Assembly
1	50-648		1	21657 W	Tension Release	1 1	29192	Looper Rocker
2	Blk. 52 A	Lucite Oil Gauge	1	21657 X	Lever Shaft Tension Release	1	29348 P	Assembly Needle Lever
ĩ	52 A 1	Thread Eyelet (98 A) Needle Lever Link	1	21031 A	Lever Shaft Bushing	*	230401	Assembly
1	56	Needle Clamp Nut	1	21657 Y	Tension Release	1	29476 DV	Feed Lifter Eccen-
1	73	Screw for looper			Lever Shaft Connec-	l . I	00 4EC DX	tric Assembly
1 3	73 A 77	Screw for 52810	4	22513	tion (22596) Screw for 35731 A	1	29476 DV	Looper Avoid Eccen- tric Assembly
ı ı	11	Screw for 51054, 51236 A	2	22519 C	Screw for 51235 A	1 1	29476 EU	Needle Guard Actu-
1		02200 ==	1	22519 H	Screw for 51244 B))		ating Eccentric
2 2	80	Screw for 51280 AA	7	22524	Screw for 53782 B	,	00 4EG TIG	Assembly
1	80 81	Screw for 51301 D Screw for 52742 K	$\frac{2}{1}$	22524 22528	Screw for 51224 C Screw for 51257 U	1 1	29476 FG	Crankshaft Assem- bly
-	0.1	(12982)	1	22528	Screw for 1705 A	2	35178 D	Spring for 666-114
1	82	Screw for 51236 G	1	22537	Screw for 53783 N	2	35178 D	Spring for 666-65
1	87 U	Screw for 52804 E	1	22539 H	Plug Screw	2	35731 A	Presser Bar Connec-
4	90	Samour fam E9009 V	3 4	22541 B 22548	Screw for 52882 AD Screw for 52882 AE	i I	·	ting Guide Plate (22513)
-	90	Screw for 52882 Y, 52894 AB	1	22557 B	Screw for 53783 L	1	35741 A	Looper Connecting
1	91	Clamp Screw for	$\tilde{2}$	22559 G	Screw for 51216 K			Rod (18, 269)
2		presser foot	1	22560 B	Screw for 52494 A	3	35772 H	Washer for 51281 AC
2	93 95	Screw for B21375 AH Screw for 51147	1	22560 B 22562 A	Screw for 51134 C	2 1	41394 A 43266	Gasket for 22733 B Nut for 51292 G
1	95	Screw for 51270 B	1	22564	Screw for 51254 J Screw for 51054	1	43443 Q	Nut for needle guard
1	95	Plug Screw	5	22569 B	Screw for 51782 A	1		regulating screw
1	96	Spot Screw for	3	22569 B	Screw for bearing	3	51054	Feed Crank and
1	96	51223 B Screw for 52444 B	3	22569 B	housing (52891 B) Screw for 51493 AG	1		Needle Lever Link Pin (77, 22564)
i	98	Screw for 482	18	22571 A	Plug Screw	1	51134	Feed Bar
1	98	Screw for 52444 B	1	22580	Set Screw for	1 1	51134 C	Feed Bar Shaft
2	98	Screw for 51235	1	22585 A	51223 B Screw for needle	i I		(22560 B)
2 1	98 A 98 A	Screw for 52 A Screw for 51291 A] -	22303 A	guard			
$\bar{4}$	109	Tension Disc	2	22585 A	Screw for 53782 B	1	51134 J	Washer for 51134 H
1	258	Nut for 660-136	2	22585 C	Screw for 51203 A	1 1	51134 P	Oil Felt for 51134 C
1 1	258 A 258 A	Nut for 56334 E Nut for 52894 AM	1 1	22586 R 22588 A	Screw for 660-212 Screw for 51204 D	$\begin{bmatrix} 1 \\ 1 \end{bmatrix}$	51134 R 51144	Oil Felt Guard Looper Rocker Shaft
i	258 A	Check Nut for 51745	ī	22596	Screw for 21657 Y	2	51145 A	Feed Lift and Looper
2	269	Nut for 35741 A,	1	22598 C	Screw for 21657-3			Avoid Eccentric Link
,	:400	51236 G	1	22729	Screw for 51243 C	1 1	51147 51150	Main Shaft Collar (95) Needle Lever Shaft
1 1	402 402	Screw for 51283 H Screw for 53783 A	1	22733 B	Plug Screw for 52882 L		31130	Stop Collar (719)
$\bar{2}$	482	Feed Rocker Shaft	1	22747 A	Needle Guard Regu-			
_		Collar (98)	_	00,000	lating Screw	,	51000	T1 C11. (19094.)
1 1	531 538	Screw for 51257 M Feed Dog Height	1	22758 C	Screw for 51203 (12538)	1	51203	Edge Guide (12934A, 22758 C, 61303 D)
1	ยอง	Adjusting Screw	1	22758 C	Screw for 53783 A	1	51203 A	Edge Guide Base
1	53 9	Frame Needle Thread	3	22760 A	Screw for 51281 AC]]		(22585 C)
		Eyelet (20, 9255,	1	22768	Screw for 56358	1	51204 D	Looper Thread
1	643-127	22848, 22889 A)	1 1	22768 22768	Screw for 56358 A Screw for 51244 B			Retaining Finger (22588 A)
-	Blk.	Gasket for oil pump	1	22768	Screw for 52904 E	1	51208 E	Looper
1	660-136	Feed Crank Link				1	51213	Looper Rocker
	660 807	Oil Tube (258 A)	1	22801	Stud Screw for	1 2	51215 J 51216 G	Needle Lever Needle Lever
1	660-207	Oil Seal Ring for foot lifter lever	1	22807	needle guard Screw for 51301 D	4	31210 G	Connecting Rod
		bushing	2	22823 A	Screw for 51493 AD	28	51216 M	Needle Bearing
2	660-212	Oil Seal Ring for	1	22823 B	Screw for 51493 AD			Roller
		needle lever stud	2 1	22829 22834	Ser. for 29192, 52470	$\left \begin{array}{cc}1\\1\end{array}\right $	51216 N 51216 P	Washer for 51215 J Nut for 51215 J
2	666-65	(22586 R) Oil Wick for 51144		44004	Needle Guard Ad- justing Screw		51216 P 51217 C	Needle Bar
2	666-111	Oil Wick for 8	2	22839 C	Screw for 51301 D	1	51220 B	Presser Foot
2	666-114	Oil Wick for right	1	22845 B	Screw for 51281 AC	1	51221 C	Pulley (22894 F)
2	666 110	main shaft bearing	1 9	22848 22848	Screw for 539 Screw for 52882 L	$\left[\begin{array}{c}1\\1\end{array}\right]$	51222 E 51223 B	Main Shaft Take-up (96, 22580)
۵	666-118	Oil Wick for left main shaft bearing	1	22852 A	Screw for 52742 K	1 1	51224 C	Throat Plate (22524)
1	666-121	Oil Wick for 51293 T	ī	22863	Feed Dog Holder	1 1	51225 A	Needle Guard
1	666-170	Felt Wick for 51250 E	ļ		Adjusting Screw	ŧ l	1	(22585 A)

Amt.	Part No.	Description	Amt.	Part No.	Description	Amt.	Part No.	Description
1	51225 W	Washer for K68017	2	51292 A	Tension Post Ferrule	1 1	52892	Tension Post Support
1	51235 W	Feed Rocker (98)	2	51292 C	Tension Nut	2	52894 AB	Oil Tube Holder
1	51235 A	Feed Rocker Arm	2	51292 D	Tension Thread	1	52894 AM	Oil Tube for right
- 1		(22519 C)			Eyelet	l i		looper connecting
2 2	51235 G	Washer for 22519 C	1	51292 F-1	Tension Spring	!		rod ball joint
2	51236 A	Feed Lift and Looper			(looper)	1 . 1		(258 A, 6042 A)
l		Avoid Eccentric	1	51292 F - 5		1 1	52904 E	Retaining Finger
	=1000 7	Link Pin (77, 22768)		F1000 G	(needle)	2	52936	Support (22768) Feed Rocker Shaft
1	51236 E	Feed Crank Link Assembly	2	51292 G	Tension Post (43266)	4	32530	Bushing
1	51236 G	Feed Crank Stud (82)	1			1 1	52942	Looper Drive Lever
2	51242 L	Thrust :Washer				1.	_	(22894 H)
1	51242 M	Washer for 22852 A	4	51295 A	Isolator for base	1	52944 T	Looper Rocker
1	51242 M	Washer for 52841 G			plate assembly			Shaft Bushing,
1	51242 P	Looper Drive Lever	1	51301 D	Cloth Plate (80,228399)		52944 U	left
,	E1949 D	Shaft	1 1	51382 A	Gasket for 53782 B	1 1	52944 U	Looper Rocker Shaft Bushing,
1	51242 R	Looper Drive Lever Shaft Bushing	1	51406	Feed Lift Eccentric			right
l		(middle)		51401 0	(22894 D)	1	53782 B	Oil Reservoir Top
1	51242 S	Looper Drive Lever	2	51491 C	Lead-in Thread Eyelet	l i		Cover (22524,
\		Shaft Bushing (rear)	1 1	51493 D	Pump Driving Shaft] [22585 A, 51382 A)
1	51242 Z	Looper Drive Lever	2	51493 E	Pump Driving Shaft	1	53783 A	Lifter Lever Link
	#1949 G	Shaft Bushing (front)			Gear	1	53783 L	(402, 22758 C) Presser Foot Lifter
1	51243 C	Ball Stud Fork (22729)	1	51493 AD	Base Plate Assembly	1	22102 T	Lever Bell Crank
1	51244 B	Looper Rocker Shaft	١. ١	-4400 4 ~	(22823 A, 22823 B)	1		(22557 B)
-	U	Arm (22768)	1	51493 AG	Pump Housing (22569 B)	1	53783 M	Presser Foot Lifter
2	51244 L	Thrust Washer	1	51493 AH	Oil Pump Housing	l		Lever Connecting
			1	21422 WII	Cover			_Rod
	51044 N	T 75 -1 - 51 0	1	51493 BG	Felt Pad	1	53783 N	Presser Foot Lifter
1	51244 N	Looper Rocker Shaft Collar 18, 20,	1	51493 BH	Filter Cap Assembly] 1]	55241 N	Lever (22537) Looper Connecting
İ		55244 G	1	51493 BP	Pump Driving Gear	1	JJ241 IV	Rod Ball Joint, left
1	51246	Looper Rocker Stud	1 1	51493 BQ	Pump Driven Gear	<u> </u>		(18)
_	01111	Nut	1	51741 C	Looper Connecting Rod Ball Joint	1	55244 G	Looper Shaft Collar
1	51247	Main Shaft Counter-			(right) (12538)	\ . \	54004 T	Stud (18, 20)
]	#10#0 D	weight (22894 J)	1	51745	Looper Rocker Cone	1	56334 E	Feed Dog Holder (258 A)
$\begin{array}{c c} 1 \\ 1 \end{array}$	51250 D 51250 E	Washer for 22586 R Needle Lever Stud			Stud (258 A)	1	56356	Presser Spring
- 1	01200 H	(719)	1	51782 A	Head Cover (22569 B)	-		Regulator
1	51250 F	Gasket for 22586 R	1	52444 B	Looper Rocker Frame (96, 98)	1	56358	Needle Bar Thread
1	51254 C	Needle Bar Bushing	1 1	52468 B	Needle Guard Collar	.	50050 A	Eyelet (22768)
.	51054 D	(upper)	1	52470	Needle Thread Pull-	1	56358 A	Needle Lever Thread Eyelet (22768)
1	51254 D	Needle Bar Bushing (lower)			off (22829)	1	56390 E	Crankshaft Bearing
1	51254 J	Needle Bar Connec-	1 1	52494	Oil Tube Oil Tube for looper	1		Housing Gasket
- 1		tion (22562 A)	1 1	52494 A	rocker ball joint	1	61303 D	Washer for 51203
1	51256 C	Presser Bar Spring] [and needle guard	2	80557	Spacing Washer for
					eccentric (22560 B)			21657-3, 52892
1	51257 K	Presser Bar	1	52742 K	Looper Drive Lever			
1	51257 M	Presser Bar Connec-	١.١	50004.0	Rocker (81, 22852 A)	1 1		1
-	G	tor Guide (531)	1 1	52794 G	Oil Tube, for feed lift and looper avoid			
1	51257 U	Cast-off Support			eccentric			
_		Plate (22528)	1	52804 E	Retaining Finger			
1	51257 AA	Presser Bar			Holder (87 U)	ll		
		Bushing (lower)	1	52810	Looper Needle			
}			1	52841 G	Guard (73 A) Locking Stud for			
ŀ	-		*	02011 G	51242 Y			
	E1050	Cost es Di-t-	1	52841 J	Nut for 52841 G		i	
1	51259	Cast-off Plate Eyelet, right(25 B)	1	52882 L	Oil Reservoir Back]]		
2	51259 A	Cast-off Plate	1.1	50000 T/	Cover (22848)			
_		Eyelet, left(25 B)	$\begin{bmatrix} 1 \\ 1 \end{bmatrix}$	52882 M 52882 P	Gasket for 52882 L Gasket for 52882 N			
1	51270 B	Needle Thread	ļi	52882 U	Gasket for 52882 T	l i		7
.	E1000 A A	Take-up Wire (95)	1	52882 Y	Baffle Plate (90)	\ \		
1	51280 AA	Throat Plate Support (80)	1	52882 AD	Chamber Cover			
1	51281 AC	Cloth Plate Cover	1,1	-0000 AT	(22541 B)			
-		Spring (22760 A,	1	52882 AE	Crank Chamber Cover (22548)			
		22845 B)	1 1	52883 R	Foot Lifter Lever			ı
1	51281 AH-	Clath Dist- C	-		Bushing			
1	227 51282 Z	Cloth Plate Cover Gasket for 51782 A	1	52883 S	Presser Foot Lifter			
1	51282 AE	Needle Lever			Lever Bell Crank			
		Bearing Oiler (90)	3	52890 C	Spring Main Shaft Bushing			
1	51283 H	Presser Foot Lifter	1	52891 B	Crankshaft Bushing			
- 1		and Tension Disc			Housing includes			
1	51291 A	Release Lever (402) Looper Thread			bushing (22569 B)			
	2222	Guard (98 A)				1 1		

NOTE: Numbers in parentheses following parts' description indicate the screws, nuts, etc. used to attach or hold these parts.





Helpful, authoritative information on the most efficient types of equipment for making virtually any machine sewed article is available from Union Special's Sales Promotion Department. Among the many interesting, illustrated bulletins that are available without obligation are the following:



No. 240, "Men's, Women's, Children's Footwear"

No. 249, "Rainwear"

No. 250, "Men's Dress Shirts"

No. 251, "Service Shirts and Pants"

No. 252, "Men's Shorts and Pajamas"

No. 253, "Overalls, Coveralls, and Dungarees"

No. 254, "Men's Knit Underwear"

No. 256, "Knit Outerwear"

No. 259, "Men's Sports Shirts"

No. 260, "Work Gloves"

No. 262, "Cotton, Burlap, Jute, and Multiwall Paper Bags"

No. 263, "Men's Clothing"

No. 264, "Men's Women's, Children's Jackets"

No. 265, "Women's Wear"

No. 266, "Women's Wear And High Fashion"

No. 267, "Corsets, Girdles, Brassieres"

No. 268, "Children's Wear"

No. 269, "Mattresses, Slip Covers, Furniture Upholstery"

No. 271, "Awnings, Canopies, Tents, Tarps"

No. 273, "Curtains & Drapes"

No. 610, "Klipp-it"

No. 710, "MCS ForMation Unit"

No. 730, "MCS Automatic Dual Underfront Shirt Hemmer"

No. 740, "MCS Automatic Rib-Knit Cuff Machine"

No. 750, "Fusing Presses"

No. 1100, "Lewis Blindstitch, Chainstitch, Lockstitch, Machines"

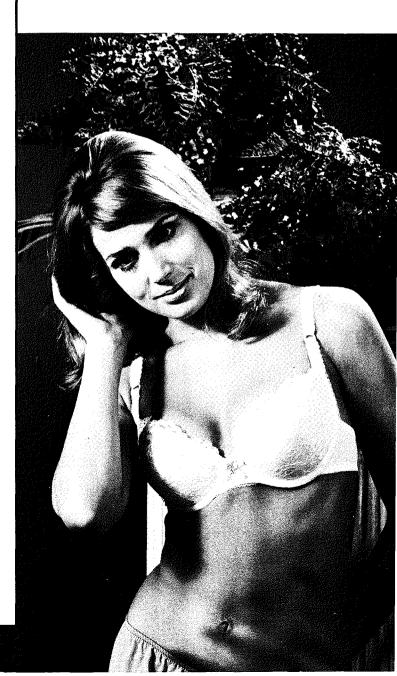
No. 1105, "Button Sewers-Ticket Tackers"

"Columbia Blindstitch, Saddle Stitch, and Tie Closing Machines"

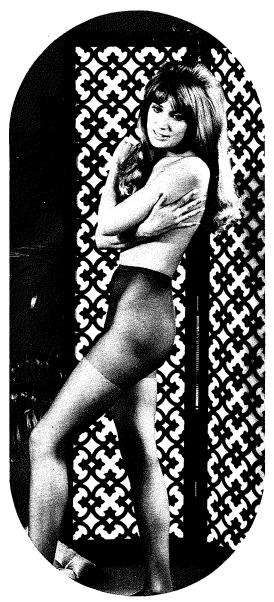
No. 1500, "Alteration Department Machines"



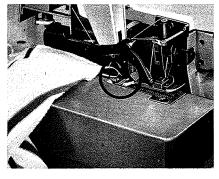
HERE ARE HELPFUL BULLETINS and CATALOGS TO HELP YOU SOLVE SEWING PROBLEMS



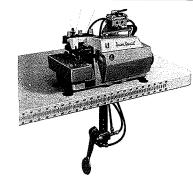
BOOST PRODUCTION WITH THESE WORK AIDS FROM UNION SPECIAL



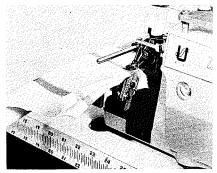




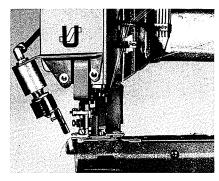
PNEUMATIC CHAIN-CUTTER—for use on conventional Class 39500 and 39600 is a durable scissor-action mechanism that makes a clean positive cut. Style 2899 A-1



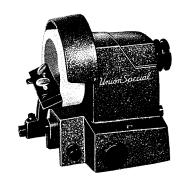
PNEUMATIC FOOT LIFTER—The airoperated foot lifter for use on Class 39500 machines allows the operator to raise the foot simply by knee-touching an actuating switch.



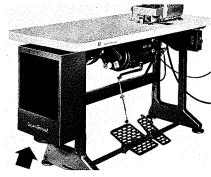
AIR FABRIC UNCURLER—This unit, designed for Class 39500 machines, uses air jets to remove curls from top and bottom plies of flat knit materials as fabric passes through sewing area. Style 2899 B-1



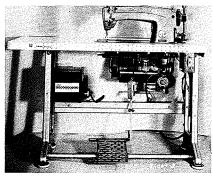
CHAIN CUTTER—The above photo shows the small pneumatic chain cutter that is available for installation as an accessory unit on Class 36200 Flatseamers. Style 2899A-6

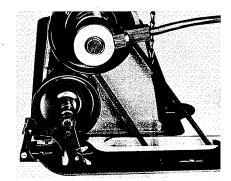


KNIFE GRINDER sharpens straight or angle type knives, is simple and easy to operate, eliminates defective garments caused by dull knives.



HEAT DISPELLER—Union Special's auxiliary unit (arrow) is an effective means for reducing oil temperature where heavy duty service requires it. Style 2899 E-1





AMCO ELECTRONIC NEEDLE POSITIONERS eliminate the necessity of reaching for the handwheel to move the needle up or down . . . this allows the operator to keep both hands on the work, insuring better control, uniform quality and increased production.





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