



UTS, UPS-1 and A-US

Manual and Automatic Stripers

OPERATING INSTRUCTIONS & REPLACEMENT PARTS

OPERATING INSTRUCTIONS:

1. Paasche Universal Stripers can be used with or without adjustable swivel guide assembly.
2. The flow of fluid is controlled by UH-307 Stroke Adjusting Screw (Item 15) for UTS Thumb-Action Striper. U-2061 Stroke Control Screw (Item 19) for UPS-1 Pistol Grip Striper. U-3178 Fluid Adjusting Knob (Item 26) for A-US Automatic Striper; which regulates the stroke of the fluid needle.
3. A light pressure with finger or thumb lever (UTS- and UPS-1) provides flow of material.
4. A Gravity Cup is normally used when material is of such consistency that it will flow readily.
 - a. Raised or embossed effect may also be obtained by using a pressure plunger cup or pressure feed material tank with hose.
 - b. When using a pressure feed tank unit, a small supply of compressed air is required to feed the fluid to the striping nib.
5. Standard flow nibs fit various widths and shapes of grooves.
 - a. Multiple striping nibs are made to order.
 - b. These nibs are made from Oil Hardening Drill Rod and Flame hardened for durability.
 - c. A sample of article to be decorated or striped should be sent to factory for determining suitable type nib when special nibs are required.

DIRECTIONS:

1. Any liquid colors or fluid of proper consistency may be used.
2. Special striping lacquer or colors are manufactured and will give better results.
 - a. Use as directed by Manufacturer.
 - b. **IMPORTANT:** all fluids should be mixed to free flowing consistency according to your requirements.
3. When using a Manual Striper with a Gravity Feed Cup the color should flow from Tip of Nib at a rate of approximately one drop per second, at proper fluid consistency.
 - a. If consistency of fluid is too heavy it will cause flow of material to be retarded or skip.
 - b. If consistency of fluid is too thin, it will blur or run.
 - c. **To adjust the flow of fluid, suitable for work to be done, turn:**
 - **UH-307** Stroke Adjusting Screw (Item 15) for the UTS Thumb-Action Striper.
 - **U-2061** Stroke Control Screw (Item 19) for the UPS-1 Pistol Grip Striper.
 - **U-3178** Fluid Adjusting Knob (Item 26) for the A-US Automatic Striper.

WARNING: Striping materials may be harmful if inhaled or allowed to come into contact with the skin or eyes. Consult the product label and Material Safety Data Sheet supplied for the spray material. Follow all safety precautions.
CAUTION: Well Ventilated Area Required to remove fumes, dust or overspray. Secure airhose and fluid hose wrench tight for safety and to prevent leaks.
Maximum Air Pressure 100 P.S.I.
Maximum Fluid Pressure 45 P.S.I.

- d. Practice on a smooth board or flat metal surface.
 - e. Striper should be in motion before trigger is depressed.
 - f. Then proceed to stripe at even speed.
 - g. After a little practice you will be able to stripe uniformly at any speed over smooth or rough surfaces.
4. For obtaining a raised or embossed effect, for filling in grooves or doing overhead work, heavy fluid materials are used with a pressure plunger cup or pressure fluid tank to feed the fluid color.
 - a. Pressure should be regulated to give the desired flow of material at the tip. (**Maximum Fluid Pressure 45 P.S.I.**)
 - b. This flow will vary in accordance with the consistency of the fluid and the effect desired.

CLEANING:

1. Place the color nib in solvent cup between operating periods to prevent color from drying.
2. Before use, wipe nib with cloth to remove solvent accumulation and help color to start flowing.
3. Clean cup thoroughly and wash out nib and fluid body in solvent before putting away.
4. Keep vent hole in top of color cup open.

INFORMATION:

Paasche precision made Units and Striping guns are designed and manufactured for quality striping and the highest production at lowest cost.

Special striping requirements mean special equipment. Paasche designs special Semi-Automatic and Automatic Striping Units. These Units are convertible in design and application of limitless materials, for use with lacquers or any color fluid mixed to a free flowing consistency. Available with Nibs that control lines from fine to wide, at any desired speed, depending on size used. These Units can be used for striping, decorating, edging or coloring flat, concave or convex surfaces and routings. They are excellent for applying liquid latex, paste, glue or similar materials.

For more information regarding Paasche Striping guns, Semi-Automatic or Automatic Units contact the Paasche Sales Department located at the Main Office.

Paasche Airbrush Company

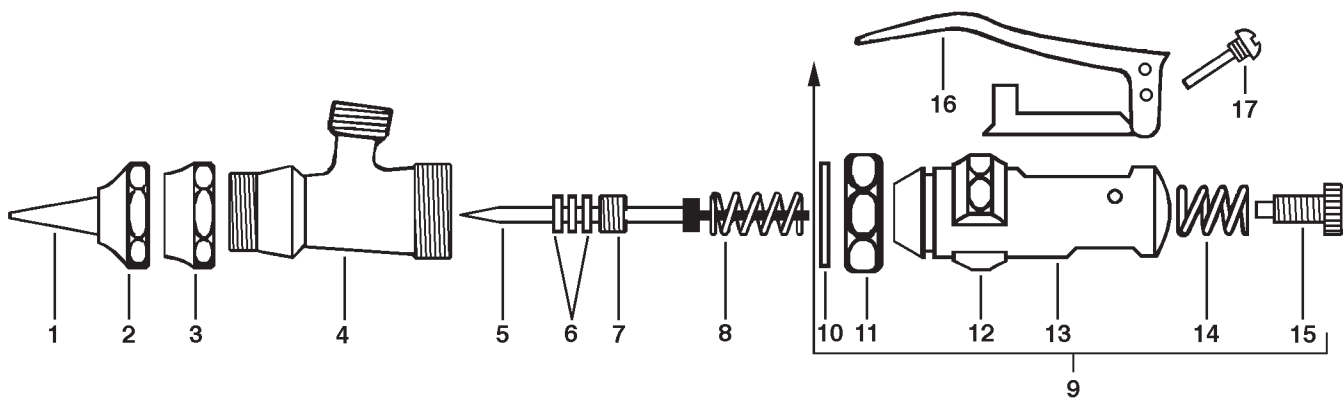
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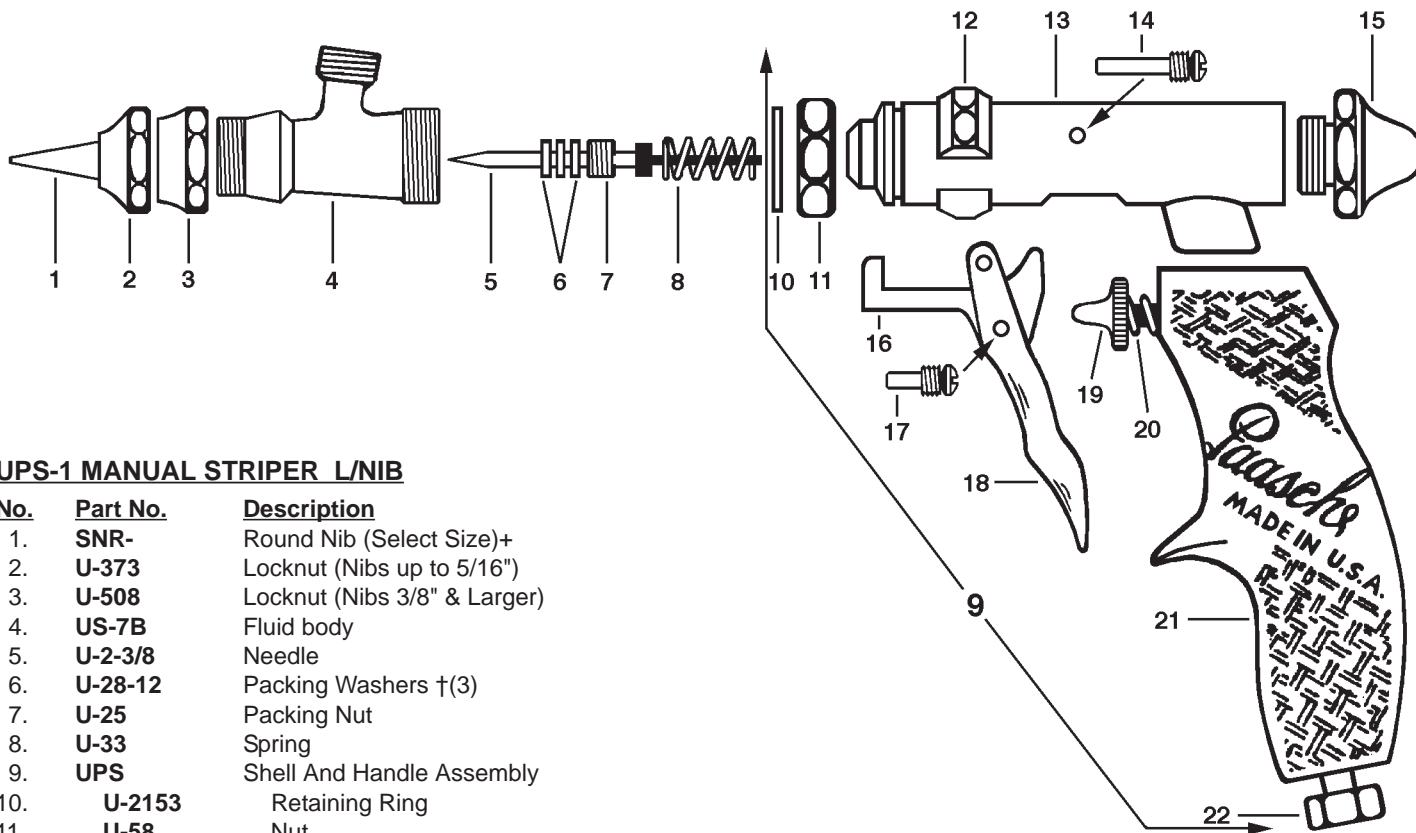
UTS THUMB-ACTION STRIPER L/NIB



UTS THUMB-ACTION STRIPER L/NIB

No.	Part No.	Description	No.	Part No.	Description
1.	SNR-	Round Nib (Select Size)+	9.	U-514A	Shell Assembly
2.	U-373	Locknut (Nibs up to 5/16")	10.	U-2153	Retaining Ring
3.	U-508	Locknut (Nibs 3/8" & Larger)	11.	U-58	Nut
4.	US-7B	Fluid body	12.	U-755	Link Sleeve
5.	BUT-2-1/2	Needle	13.	U-265A	Shell
6.	U-28-12	Packing Washers †(3)	14.	RD-27	Spring
7.	U-25	Packing Nut	15.	UH-307	Stroke Adjusting Screw
8.	U-33	Spring	16.	UH-193	Trigger and Link Assembly
			17.	U-40	Trigger Screw

UPS-1 MANUAL STRIPER L/NIB

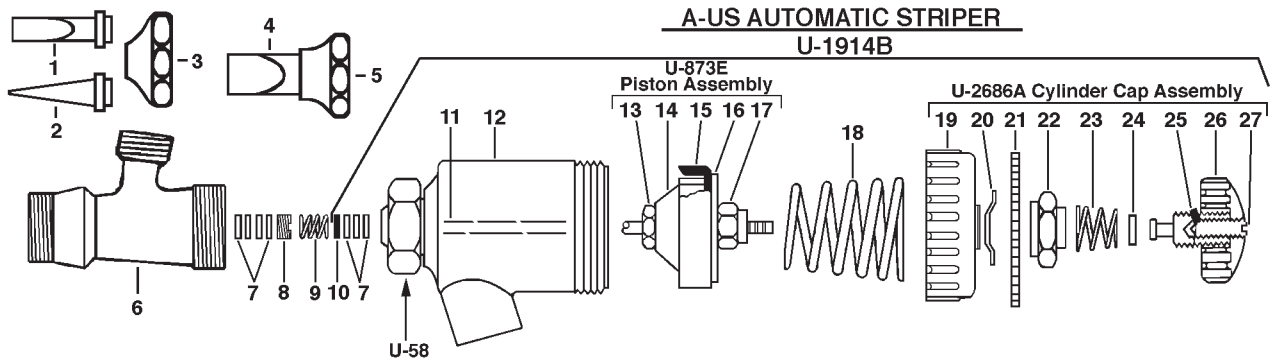


UPS-1 MANUAL STRIPER L/NIB

No.	Part No.	Description	No.	Part No.	Description
1.	SNR-	Round Nib (Select Size)+	18.	U-1671	Trigger
2.	U-373	Locknut (Nibs up to 5/16")	19.	U-2061	Stroke Control Screw
3.	U-508	Locknut (Nibs 3/8" & Larger)	20.	U-1702	Valve Spring
4.	US-7B	Fluid body	21.	U-1892	Handle Assembly
5.	U-2-3/8	Needle	22.	U-899	Handle Tube Assembly
6.	U-28-12	Packing Washers †(3)			
7.	U-25	Packing Nut			
8.	U-33	Spring			
9.	UPS	Shell And Handle Assembly			
10.	U-2153	Retaining Ring			
11.	U-58	Nut			
12.	U-755	Link Sleeve			
13.	U-2194A	Shell Assembly			
14.	U-40	Trigger Screw			
15.	U-874A	Rear Cap			
16.	U-1322A	Link Assembly			
17.	U-35	Trigger Link Screw			

† Packing Washers are sold by the dozen (12) only.

+ See page 4 for Nib styles and sizes.



A-US AUTOMATIC STRIPER

No.	Part No.	Description
1.	SNF-	Flat Nib (Select Size up to 5/16")
2.	SNR-	Round Nib (Select Size up to 1/4")
3.	U-373	Locknut (Nibs up to 5/16")
4.	SNF-	Flat Nib (Select Size 3/8" & Larger)
5.	U-508	Locknut (Nibs 3/8" & Larger)
6.	US-7B	Fluid body
7.	U-28-12	Packing Washers †(7)
8.	U-25	Packing Nut (threaded)
9.	DU-30	Spring

U-2686A Cylinder Assembly

19.	U-2707A	Cylinder Cap
20.	U-941	Spring Washer
21.	U-951B	Fluid Dial
22.	U-2675A	Friction Nut
23.	U-1098	Spring
24.	U-2584P	Washer
25.	59-57	Lock Stud
26.	U-3178	Fluid Adjusting Knob
27.	59-56	Lock Screw

† Packing Washers are sold by the dozen.
 + See page 4 for Nib styles and sizes.

U-1914B Cylinder Assembly (Includes: U-873E & U-2686A)

10.	U-203	Gland
7.	U-28-12	Packing Washers †(3)
11.	A-U-4	Needle
12.	U-1907B	Shell Assembly
18.	U-2966	Piston Spring

59-30 Packing Assembly - Teflon®

28.	59-24	Packing-Teflon® (4)
29.	U-3353	Packing (2)
30.	59-25B	Expander (2)
31.	DU-30	Spring

U-873E Piston Assembly

No.	Part No.	Description
13.	U-2965	Needle Chuck
14.	U-2964	Inner Bushing
15.	U-322	Leather Cup
16.	U-2465A	Outer Disc
17.	U-2544	Locknut

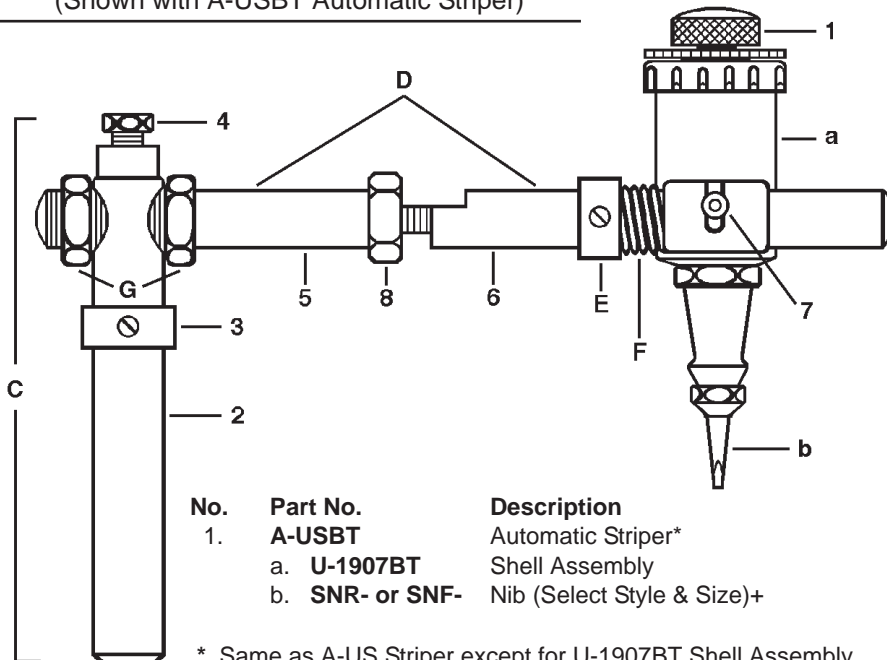
59-30 Packing Set



® DuPont

UM-113 Striper Mounting Assembly

(Shown with A-USBT Automatic Striper)



No.	Part No.	Description
1.	A-USBT	Automatic Striper*
	a. U-1907BT	Shell Assembly
	b. SNR- or SNF-	Nib (Select Style & Size)+

* Same as A-US Striper except for U-1907BT Shell Assembly
 + See page 4 for Nib styles and sizes.

UM-113 STRIPER MOUNTING ASSEMBLY

C.	U-3461	Mounting Post
2.	U-2295A	Post
3.	3012	Collar with Set Screw
4.	7/16"-14x1"	Hex Bolt
D.	UM-103 GUN MTG. ARM ASSEMBLY	
5.	UM-118	Mounting Rod
6.	UM-119	Mounting Rod
7.	5-40x3/8"	Socket Hd. Cap Screw
8.	3/8"-24	Jam Nut
E.	U-3472	Collar with Set Screw
F.	U-3460	Tension Spring
G.	1/2"-20	Hex Nut

- | No. | Part No. | Description |
|-----|----------|-------------------------------|
| A. | 27SC | 3 OUNCE GRAVITY CUP ASSEMBLY: |
| 1. | UB-255 | Cover |
| 2. | 4-G | Gasket |
| 3. | 27SCC | 3 Ounce Cup |

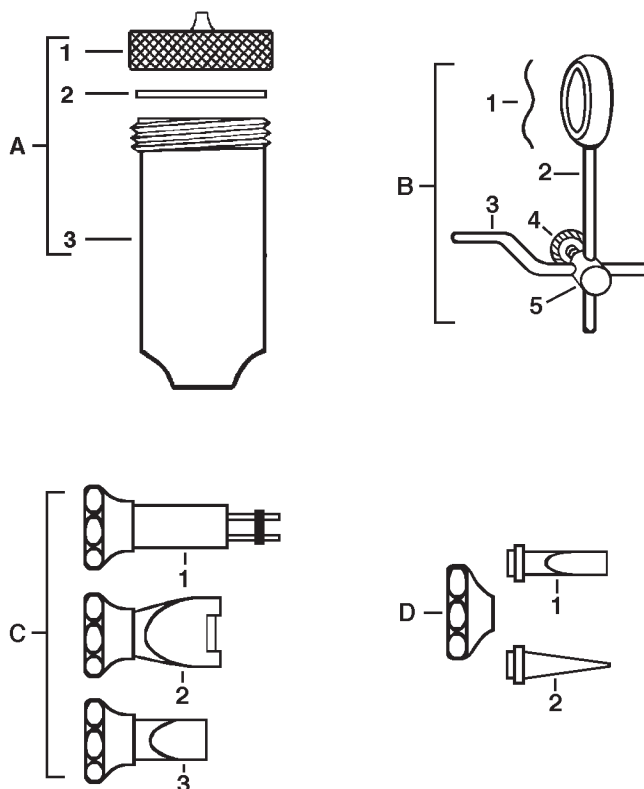
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|----|---------|------------------------|
| B. | USG | SWIVEL STRIPING GUIDE: |
| 1. | U-509 | Spring Washer |
| 2. | UB-506 | Guide Support |
| 3. | U-507 | Guide |
| 4. | UH-298 | Screw |
| 5. | UH-297A | Body |

C. U-508 LOCKNUT—To be used with:

- | | | |
|----|-------|---|
| 1. | SNH | Special—Needle Type Nib † |
| 2. | SNM-2 | Special—Line Striper Nib † |
| 3. | SNF- | Select From Sizes:
3/8-1/2-5/8-3/4-7/8 |

- | | | |
|----|-------|--|
| D. | U-373 | LOCKNUT—To be used with: |
| 1. | SNF- | Select From Sizes:
1/32 up to 5/16 Call
Factory for Available Sizes. |
| 2. | SNR- | Select From Sizes:
-1/64-1/32-1/16-3/32-1/8
-3/16-1/4 |

† C1 and C2—Specially Made Nibs.
Prices furnished upon request.

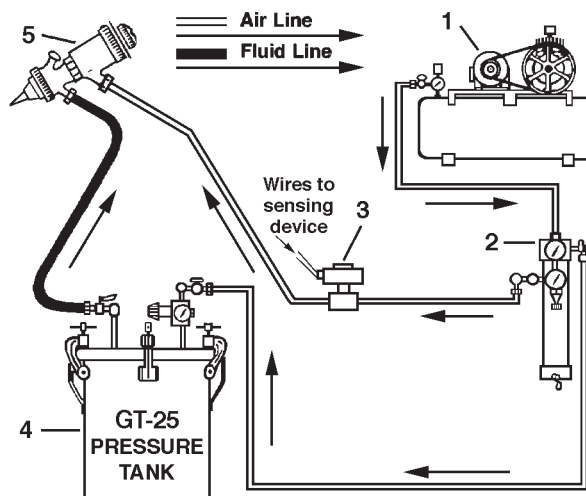


Automatic Striping Hook-Up

INSTRUCTIONS:

Blow out all the hoses to remove foreign particles. Make Air and Fluid connections as shown. Tighten fittings securely. Strain material before placing in tank.

1. Air Compressor must have sufficient capacity for application.
2. Air Regulator; adjust pressure required to operate Striping Gun, not to exceed 45 P.S.I. air and fluid pressure.
3. Explosion-proof Solenoid Valve with air dump feature, mount as close to Gun as possible for fast on-off action.
4. Pressure Tank; adjust Regulator on Tank Unit to minimum pressure required to deliver fluid to Striping Gun #5.



Manual Striping Hook-Up

INSTRUCTIONS:

Make sure all Air and Fluid hoses are blown out to insure clean air and fluid.

1. Attach Air line supply to Air Inlet on Moisture Condenser.
2. Attach Air Hose to Valve on line pressure Gauge and to Tank Air Inlet Valve.
3. Attach Fluid Hose to Fluid Outlet Valve on Tank and to Fluid Inlet Connection #4 on Manual Striping Gun.

