Stratoflex offers a wide variety of tools for the fabrication and testing of hose and hose assemblies. Literature is available on the following tools:

- T01-100 Assembly Machine
- T01-126 Utility Assembly Machine
- T03-105 Cut-Off Saw and Buffer
- T03-111 Hose Cut-Off Saw
- T03-112 Hose Cut-Off Saw
- T05-142 Test Machine
- T05-143 Test Machine
- T06-100 Hose Clean-Up Booth
- T06-107 Hose Flushing Machine
- T08-183 Crimp Machine
- T08-185 Crimp Machine
- T09-110 Burnishing Machine
- T09-111 Deburring Machine
- T10-117 Hose Assembly Length Check Fixture
- T11-151 POK-IT Hand Assembly Tool
- T13-121 Burner
- T15-118-1 Work Station
- Electrical System Codes

Example:

You may obtain any or all of this literature by either faxing or mailing a copy of this sheet to Stratoflex indicating which tool sheets you want. Simply put a check mark in the box to left of each item you require. Fax your requests to the Marketing Department of Stratoflex at (817) 738-9920. Or mail your requests to: Marketing Department, Stratoflex Division, Parker Hannifin Corporation, P.O. Box 10398, Fort Worth, Texas 76114 U.S.A.
HIGH SPEED PRODUCTION ASSEMBLY MACHINE FOR SCREW-TOGETHER FITTINGS TO RUBBER HOSE.

APPLICATION: 111-3 thru -20, 112-4 thru -12 and 156-3 thru -16

ELECTRICAL: 440V/3PH/60HZ (T01-100G)
220V/3PH/60HZ (T01-100H)
Other options available.

TOOLING: T01-100E5-SIZE ELBOW DRIVE PLATE (111-X/112-X)
T01-100E7-SIZE ELBOW DRIVE PLATE (156-X)
T01-100M29-SIZE MANDREL (111-X)
T01-100M38-SIZE MANDREL (112-X)
T01-100M41-SIZE MANDREL (156-X)
T01-100P4-X DRIVE PLATE (111-X/112-X/156-X)
T01-100P5 ELBOW DRIVER (111/156)
T01-100R1-SIZE RUBBER HOLDER BLOCKS (156-X)
T01-100S2-SIZE HOLDING BLOCKS (111-X)
T01-100S5-SIZE HOLDING BLOCKS (112-X)

DIMENSIONS: 60" long x 30" wide x 48" high

WEIGHT: 200 lbs.
PTFE HOSE I.D. EXPANDER PRIOR TO NIPPLE INSTALLATION. ASSEMBLES SOCKET TO HOSE AND NIPPLE TO SOCKET/HOSE.

APPLICATION: 124, 170, 171, 3146 and 3147

ELECTRICAL: 440V/3PH/60HZ (T01-126G) 220V/3PH/60HZ (T01-126H) Other options available.

TOOLING: T01-102E1-SIZE EXPANDER T01-102A1-SIZE FLARE NIPPLE TOOL T01-102A2-SIZE FARELESS NIPPLE TOOL T01-102S2-SIZE HOSE STOP

DIMENSIONS: 38” long x 28” wide x 46” high

WEIGHT: 200 lbs.
**T03-105 Cut-Off Saw and Buffer**

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**HOSE CUT-OFF SAW AND BUFFER FOR SINGLE WIRE BRAID, DOUBLE WIRE BRAID AND MULTI-SPIRAL HOSE THRU -32 SIZE.**

<table>
<thead>
<tr>
<th>APPLICATION:</th>
<th>All Hose Products</th>
</tr>
</thead>
<tbody>
<tr>
<td>ELECTRICAL:</td>
<td>440V/3PH/60HZ</td>
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<tr>
<td></td>
<td>220V/3PH/60HZ</td>
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<tr>
<td></td>
<td>Other options available.</td>
</tr>
<tr>
<td>(T03-105G)</td>
<td>(T03-105H)</td>
</tr>
<tr>
<td>TOOLING:</td>
<td>T03-105A30</td>
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<tr>
<td></td>
<td>STEEL BLADE, 10&quot; x .75 ARBOR (PTFE)</td>
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<tr>
<td></td>
<td>T03-104A40</td>
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<tr>
<td></td>
<td>BRUSH</td>
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<tr>
<td></td>
<td>T03-105A41</td>
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<tr>
<td></td>
<td>FIBER BLADE, 10&quot; x .75 ARBOR (RUBBER)</td>
</tr>
<tr>
<td>DIMENSIONS:</td>
<td>24&quot; long x 24&quot; wide x 18&quot; high</td>
</tr>
<tr>
<td>WEIGHT:</td>
<td>225 lbs.</td>
</tr>
</tbody>
</table>

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Parker Hannifin Corporation
Stratoflex Products Division
Fort Worth, Texas
**T03-111 Hose Cut-Off Saw**

**APPLICATION:** All Hose Products

**ELECTRICAL:** 115V/1PH/60HZ (T03-111A) Other options available.

**TOOLING:** 580661 STEEL BLADE, 8.00" X .625 ARBOR (RUBBER)

**DIMENSIONS:** 24” long x 13” wide x 17” high

**WEIGHT:** 85 lbs.

DESIGNED TO CUT SINGLE WIRE BRAID AND DOUBLE WIRE BRAID HOSE, -3 THRU -20 SIZE.
T03-112 Hose Cut-Off Saw

HOSE CUT-OFF SAW FOR SINGLE WIRE Braid, DOUBLE WIRE Braid AND MULTI-SPIRAL HOSE THRU -32 SIZE.

APPLICATION: All Hose Products

ELECTRICAL:
- 440V/3PH/60HZ (T03-112G)
- 220V/3PH/60HZ (T03-112H)
Other options available.

TOOLING:
- T03-105A30 STEEL BLADE, 10" x .75 ARBOR (PTFE)
- T03-105A41 FIBER BLADE, 10" x .75 ARBOR (RUBBER)

DIMENSIONS: 24" long x 22" wide x 18" high

WEIGHT: 200 lbs.
**T05-142 Test Machine**

SINGLE PORT HYDROSTATIC TEST MACHINE CAPABLE OF PRESSURES UP TO 10,000 PSI.

**APPLICATION:** All Hose Products

**ELECTRICAL:** 115V/1PH/60HZ (T05-142A) Other options available.

**OPTION:** HAND PUMP

**TOOLING:**
- TEST LEAD-IN
  - T05-102L1-SIZE (FLARE)
  - T05-102L7-SIZE (FLARELESS)
- TEST PLUG
  - T05-102P1-SIZE (FLARE)
  - T05-102P2-SIZE (FLARELESS)

**DIMENSIONS:** 72" long x 24" wide x 38" high

**WEIGHT:** 196 lbs.
HYDROSTATIC TEST MACHINE WITH EIGHT-PORT QUICK CHANGE MANIFOLD, HIGH/LOW PRESSURE SYSTEM AND CAPABLE OF PRESSURES UP TO 15,000 PSI.

APPLICATION: All Hose Products

ELECTRICAL: 115V/1PH/60HZ (T05-143AS)
Other options available.

TOOLING: TEST LEAD-IN
T05-102L1-SIZE (FLARE)
T05-102L7-SIZE (FLARELESS)
TEST PLUG
T05-102P1-SIZE (FLARE)
T05-102P2-SIZE (FLARELESS)

DIMENSIONS: 95" long x 36" wide x 54" high

WEIGHT: 725 lbs.
**T06-100 Hose Clean-Up Booth**

HOSE CLEANING BOOTH FOR FLUSHING HOSE ASSEMBLIES. INCLUDES VENTED HOOD AND EXHAUST FAN.

**APPLICATION:** All Hose Products

**ELECTRICAL:**
- 440V/3PH/60 HZ (T06-100G)
- 220V/3PH/60HZ (T06-100H)
Other options available.

**DIMENSIONS:** 60" long x 48" wide x 84" high

**WEIGHT:** 1100 lbs.
COMPACT HOSE FLUSHING MACHINE. EQUIPPED WITH 15 GALLON RESERVOIR.

APPLICATION: All Hose Products

ELECTRICAL: 115V/1PH/60 HZ  (T06-107A)
Other options available.

DIMENSIONS: 36" long x 22" wide x 39" high

WEIGHT: 350 lbs.
**T08-183 Crimp Machine**

**CRIMP JAW MATRIX**

<table>
<thead>
<tr>
<th>CRIMP JAW P/N</th>
<th>124</th>
<th>170</th>
<th>171</th>
<th>3146</th>
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</tbody>
</table>

**APPLICATION:** 124, 170, 171, 3146 and 3147

**ELECTRICAL:** 115V/1PH/60HZ (T08-183A)
Other options available.

**OPTIONS:** Hand Pump

**TOOLING:** T08-163JX-XX Crimp Jaw (see matrix)

**DIMENSIONS:** 13” long x 9” wide x 25” high (crimp stand)
22” long x 12” wide x 9” high (power pack)

**WEIGHT:** 43 lbs. (crimp stand)
77 lbs. (power pack)
DESIGNED TO CRIMP FITTINGS TO RUBBER, SMOOTH BORE AND CONVOLUTED PTFE HOSE, -3 THRU -32 SIZE.

APPLICATION: 124, 170, 171, 3146, and 3147

ELECTRICAL: 440V/3PH/60HZ (T08-185G)
220V/3PH/60HZ (T08-185H)
Other options available.

TOOLING: T08-175J1-XX Crimp Jaw (see matrix)

DIMENSIONS: 42” long x 21” wide x 39” high

WEIGHT: 802 lbs.

Parker Hannifin Corporation
Stratoflex Products Division
Fort Worth, Texas
**T09-110 Burnishing Machine**

DESIGNED TO BURNISH AND FUSE WIRE BRAID ENDS TOGETHER BEFORE SOCKET ASSEMBLY.

**APPLICATION:** 124, 170, 171, and 3146

**ELECTRICAL:**
- 440V/3PH/60HZ (T09-100G)
- 220V/3PH/60HZ (T09-100H)
  Other options available.

**TOOLING:**
- T03-115-33 ABRASIVE BLADE

**DIMENSIONS:** 26” long x 16” wide x 13” high

**WEIGHT:** 96 lbs.

Parker Hannifin Corporation
Stratoflex Products Division
Fort Worth, Texas
DESIGNED FOR DEBurring INSIDE DIAMETER OF PTFE HOSE.

APPLICATION: 124, 170, 171, 3146 and 3147

POWER: Shop Air (110 psi)

TOOLING: TMC-GR-107 GRINDING STONE
          TMC-BU-101 BOTTLE BRUSH

DIMENSIONS: 4" long x 15" wide x 5" high

WEIGHT: 5 lbs.
T10-117 Hose Assembly Length Check Fixture

DESIGNED TO CHECK LENGTH OF HOSE ASSEMBLIES, -3 THRU -32 SIZES UP TO 10 FEET LONG.

APPLICATION: All Hose Products

POWER: None

TOOLING: T10-117A Plug Set (included) -3 to -32

DIMENSIONS: 11” long x 4” wide x 6” high

WEIGHT: 65 lbs.
INSTRUCTIONS: BAND-IT® POK-KIT TOOL.
HOW TO APPLY 1/4" and 3/8" BAND-IT JR. PERFORMED CLAMPS.
(The POK-KIT TOOL will also apply 1/4" and 3/8" Band-It Earlokt and Scru-Lokt Clamps)

1. Insert tail of BAND-IT CLAMP into POK-KIT TOOL nose as far as it will go. Insert winding mandrel into tool and fit clamp tail-end into slot of winding mandrel. Rotate locking dog until it comes to rest over mandrel hex. Adjust reversing mechanism of winding-mandrel wrench so clamp can be tensioned by moving wrench in **counter-clockwise** direction. Clamp can now be tensioned by pumping strokes of wrench.

2. When clamp is sufficiently tensioned, move handle of winding mandrel wrench in **counter-clockwise** direction until wrench handle is below bottom jaw of tool. Using one hand, squeeze tool and wrench handle and flip locking dog off hex.

**IMPORTANT:** Revolve object being clamped over the tool nose (or revolve the tool over the object being clamped) lightly squeezing the POK-KIT TOOL and wrench handle with one hand to retain tension.

3. After "roll-over" has been completed, reverse direction of ratchet on wrench and rotate **counter-clockwise** to loosen clamp tail coiled on mandrel. Remove wrench. Open POK-KIT TOOL and remove clamp tail. Reverse tool so nose is now pointing toward operator. Place clamp tail into cutter at rear of tool, so clamp buckle is resting against side of tool's lower jaw, indicated by word "CUT". Be sure clamp tail is properly seated in cutting slot and is approximately 90° angle to buckle.

4. Apply squeezing pressure in scissors-like action to sever clamp tail. To complete clamp, hammer protruding tab over top of clamp buckle.
DESIGNED TO MELT AND STRIP POLYESTER COVER OFF "K" STYLE PTFE HOSE.

APPLICATION: 124K, 156K, 170K and 171K
ELECTRICAL: 115V/1PH/60HZ (T13-121A)
TOOLING: None
DIMENSIONS: 9" long x 8" wide x 6" high
WEIGHT: 7 lbs.
T15-1181 Work Station

APPLICATION: ALL Hose Products

POWER: See Machine Requirements

TOOLING:
- T01-126: UTILITY ASSEMBLY MACHINE
- T03-105: HOSE CUT-OFF MACHINE
- T08-183: CRIMP MACHINE
- T09-110: BURNISHING MACHINE
- T09-111: DEBURRING MACHINE
- T10-117: LENGTH MEASURING SCALE
- TMC-BV-101: CLAMP VISE
- 40B: UTILITY CABINET (2)

DIMENSIONS: 10" long x 36" wide x 60" high

WEIGHT: 1,700 Lbs.

FluidConnectors
The following Coding System is used to identify the voltage on Stratoflex hose assembly equipment.

<table>
<thead>
<tr>
<th>CODE</th>
<th>DESCRIPTION</th>
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<tbody>
<tr>
<td>A</td>
<td>115 volt, single phase, 60 HZ</td>
</tr>
<tr>
<td>B</td>
<td>230 volt, single phase, 60 HZ</td>
</tr>
<tr>
<td>C</td>
<td>230 volt, single phase, 50 HZ</td>
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