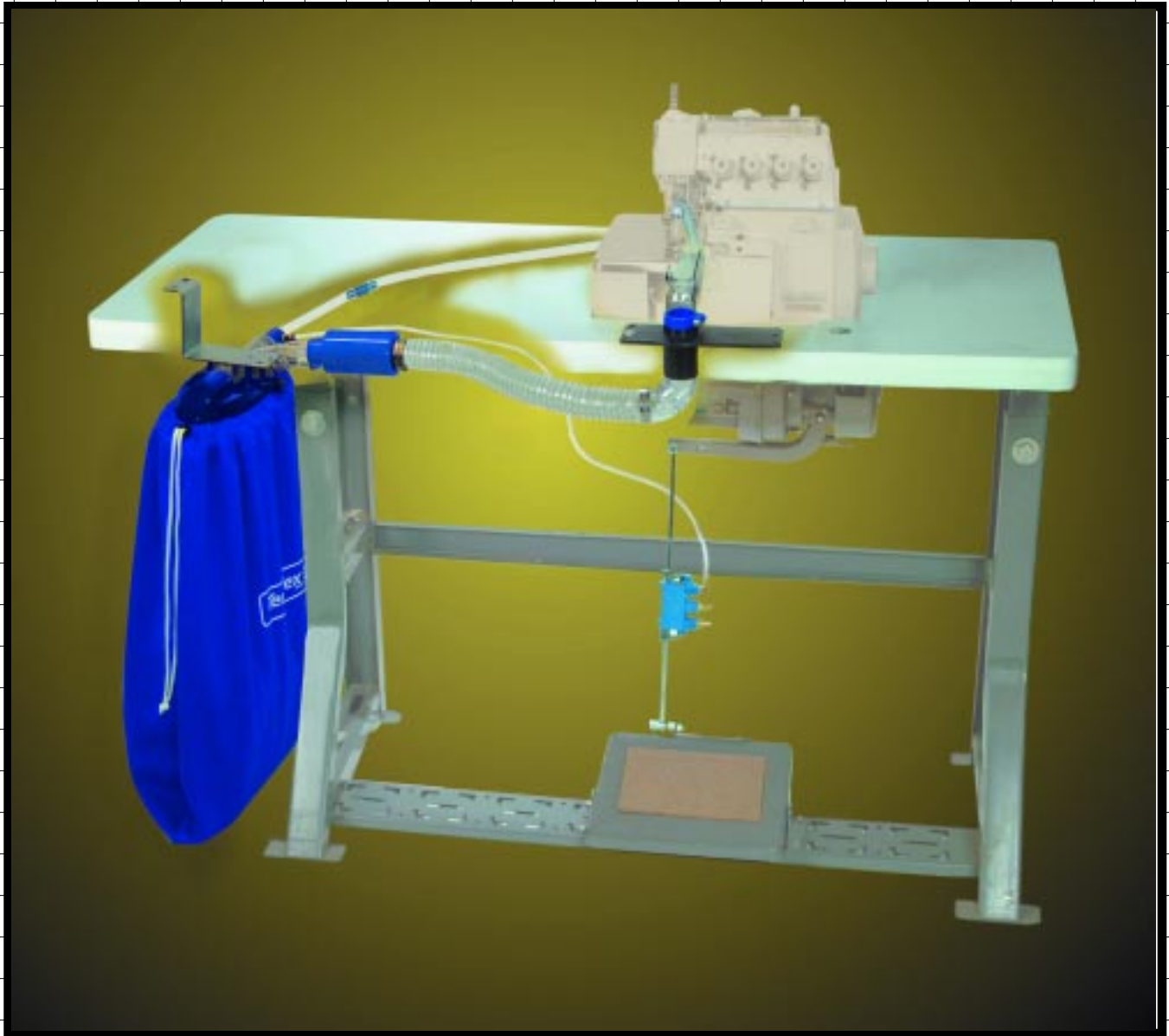


COMPRESSED AIR OPERATED VACUUM WASTE REMOVAL *Systems and Components*



Templex inc.

2009
CATALOG

• **Attack Costly Problems with Templex Vacuum Products** •

PROBLEM AREAS	RESULTS WITH TEMPLEX PRODUCTS
• Machines dirty and full of lint? Clogged looper eyes, tensions, and thread take-up holes which cause excessive thread breakage?	CLEANER MACHINES!
• Garments with lint and oil spots?	CLEANER GARMENTS!
• A dirty work environment? Trim waste and cut chain on the floor? Lint and dust on top of overhead lights and electrical outlets?	CLEANER AND SAFER FIXTURES AND FLOORS!
• Operators with lint in their hair? Thread, lint and trim on their clothes?	CLEANER AND HEALTHIER OPERATORS!
• Machines not running? Do operators periodically have to stop and clean themselves off?	MORE PRODUCTION!

Protect Your Production Personnel and Equipment Investment with Templex Products.

Total Clean up: A major concern of all apparel manufactures is how to keep their sewing equipment and plant environment free of dust, lint, thread waste and trimmed waste. These by-products from sewing are major factors that contribute to costly problems such as oil stained garments, machine downtime, dirty floors and overhead fixtures, worker absenteeism due to respiratory problems, and safety hazards as well. Most manufacturers have tried to resolve these problems by installing chain & waste removal systems only on their overlock and safety stitch machines. This worked well for these machines but what about the other types of machines such as Feed off The Arm flat seamer, Belt Loop Machines with fabric trimming knives, Cover Stitch machines, etc. These too are machines that are a source of dust, lint, thread and trimmed waste. Blowing these and other machines out with compressed air will only transfer the dry dust and oily lint onto in-process garments and nearby machines and operators.

Templex patented Chain & Waste and Lint Removal Systems along with our hand held vacuum cleaning gun provides the solution for total clean up of all sewing machines. Now you can install a Templex compressed air operated Waste or Chain & Waste and Lint Removal system on all machines that trim fabric during the sewing process to collect and contain the cut chain, trimmed fabric waste and dust, and use the Air-Vac Docking Station with TBV-2002 Vacuum gun to remove and contain the oily lint and debris from inside the sewing machine.

Since 1956, Templex has designed and manufactured quality products for textile applications. Our purpose is to aid apparel manufacturers in creating operations that are the most productive, efficient, and quality oriented possible while maintaining environments that are healthy and ergonomically correct.

Products in this catalog are designed for the specific purpose of collecting and containing waste by-products created during the manufacturing process. Many of the component parts are made of durable, clear plastic which allows viewing of trimming processes. A great deal of time is devoted to the design of our systems and components to insure that they install quickly and easily, are simple to operate, durable, energy-efficient, and require low maintenance.

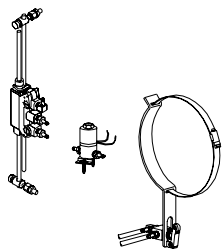
We appreciate the continuing support we receive from the equipment manufacturers, distributors, sales representatives, and apparel manufacturers that we serve.

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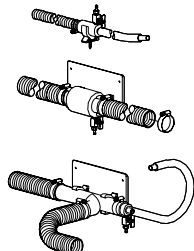
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Templex Compressed Air Operated Waste Removal Products: Systems & Components

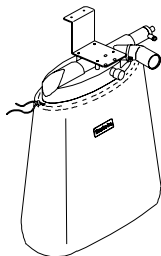
Templex Waste Removal Systems utilize compressed air to create vacuum. Systems are available for use on all types of sewing machines and applications. Selecting a system for your application is as easy as 1-2-3. Each system consists of a Waste Funnel and Vacuum Unit for waste removal, an Air Activation Switch to start and operate the system, and a Waste Collection Container to receive and store waste. Also see our **Vac-Bag** combo's on page 9.



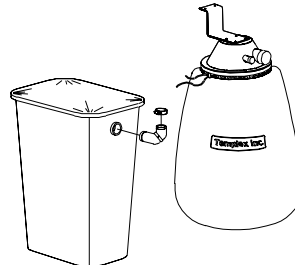
Air Activation Switches
Patent No 5,716,039



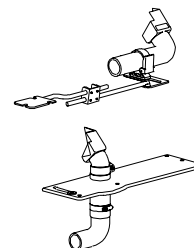
Vacuum Units
Patent No. 4,764,058



Vac-Bag
Patent No. 4,764,058



Waste Collection Containers



Waste Funnels
Patent No. 4,709,645

Note: Waste Removal Systems - Are available separately or as a combined assembly such as **Vac-Bag Combos** on page 9. Assemblies are available for almost all models of machines, and for how those machines can be mounted: top mounted, semi-submerged, or fully submerged.

- 1. Air activation switches** - A variety of switches are available for use on clutch type or electronic motors and for special applications. For clutch motors, use a Lite-Touch treadle rod air switch to activate vacuum only when the machine is sewing. For electronic motors use a Lite-Touch series treadle air switch or an electric solenoid valve which activates the vacuum only when the machine is running, beginning with the first stitch. Use the motor mounted air switch on pedestal mounted machines and Ergo stands with clutch motors. *Other switches, such as foot valves, toggle switches, pilot valves, and pilot valves with time delays, are also available.*
- 2. Vacuum Units** - Vacuum units use compressed air to create vacuum for operating the system. The four categories of vacuum units are: **Chain Vacuum Units** for cut chain removal; **Waste Vacuum Units** for trimmed waste and lint removal; **Chain & Waste Vacuum Units** for removal of chain, trimmed waste and lint; and **Chain & Waste Vacuum with Collection Units** (i.e. Vac-Bag) for removal and collection of chain, trimmed waste and lint. Units operate best at 80 PSI (5.5 Bar). Our patented **Chain & Waste Removal Units** recycle exhaust air from the chain vacuum unit to create a second vacuum for the removal of trim waste. Vacuum is created for two functions at the energy cost of only one. Waste and chain & waste units are available in 1½", and 2" for various sizes of trimmed waste.
- 3. Waste Collection Containers** - Receive and store waste. All waste collection containers have an inlet where waste enters, a storage area for waste to accumulate, and a filter to clean exhausted air. Two styles of collection containers are offered: waste canisters and waste bag units. Waste canisters locate next to the machine while waste bag units attach to the table top.
- 4. Waste Funnels** - Available in 1", 1½", or 2" depending on size of trimmed waste. Each of our patented funnel assemblies are designed to fit close to and surround the trimming knives with vacuum which captures dust and lint as well as the trimmed waste. Funnel assemblies mount directly to the machine casting using existing screw holes, or directly to the table top and swing-away or snap-out to allow machine maintenance. Other waste funnels are for non-sewing uses or applications that are not listed and require a custom approach.
- 5. Accessories** - Optional products such as mufflers or machine cleaning guns can be added during initial installation or at a later date. Mufflers can be installed on any vacuum unit to reduce sound, and are available in ½", 1", 1½", or 2" sizes. See page 8. Templex "2 N 1" Vacuum Cleaning Guns are compressed air operated and are ideal for removing the oily lint and debris from inside any sewing machine. See page 8.

How To Select a System

Order a Complete Waste Removal System - Complete Vac-Bag Combos are available for the following machines: Overlock / Safety Stitch, Cylinder Overlock, & Feed off The Arm (FOTA). See Page 9.

Order System Components

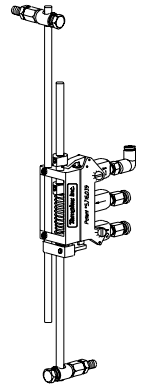
- 1. AIR ACTIVATION SWITCH** - See Page 5
 - Select TBV-110LT 3-position Lite-Touch treadle rod air switch for clutch type motors. Works with electronic motors as well.
 - Select the proper 2-way or 3-way 24 Volt DC Solenoid Valve for electronic motors with motor run signals.
 - Select TBV-121 motor mounted air switch for pedestal mounted Feed off The Arm machines with clutch motors.
- 2. VACUUM UNIT** - See Page 6
 - Will machine have a chain cutter? If Yes - Use chain removal assembly or chain & waste removal assembly. If No - Use waste removal only.
 - Size of trimmed waste - Select system based on the size of waste to be collected:
NOTE: Trimmed waste that is ¾" wide, use 1" or 1½" systems • Up to 1¼" wide, use 1½" systems • Up to 1¾" wide, use 2" systems.
- 3. WASTE COLLECTION CONTAINER** - See Page 7
Select the appropriate waste canister or bag unit which best suits requirements and application.
- 4. WASTE FUNNEL** - See Pages 10, 11, 12
 - For Machine mounted waste funnels see pages 11. Order by Manufacturer and machine class. For multi-use waste funnels see page 10.
 - Select the correct waste funnel based on the size of the trimmed waste and how the machine head is mounted. ie. Semi-submerged or top of table, Fully-submerged or other. Match waste funnel size with vacuum unit selected. ie. 1.5" vacuum with 1.5" waste funnel.
- 5. ACCESSORIES** - See page 8, 9
 - Vacuum Cleaning Gun for cleaning machinery.
 - Docking Station & Cleaning Gun for cleaning machinery.
 - Mufflers - For near silent operation of waste removal products.

TEMPLEX AIR ACTIVATION SWITCHES

LITE-TOUCH TOE & HEEL ACTION TREADLE ROD AIR SWITCH

The Lite-Touch treadle rod air switch patented design allows **72% less** toe pressure on treadle to activate the air switch, even at low speed on electronic motors. Use with **standard clutch type motors** or any **electronic motor** with or without a 24 volt DC motor run signal. Lite-Touch Series eliminates the need to adjust clutch and brake on clutch type motors as required with conventional treadle rod air switches.

The 3-Position **toe & heel action** treadle rod air switch replaces TBV-100LT toe action and TBV-105 heel action switches and is now offered as a multi use switch for all applications at the same low price as the TBV-100LT or TBV-105. The TBV-110LT combines the same features as the TBV-100LT Lite-Touch toe action air switch to operate vacuum for chain cutters and waste removers, but with the added function of TBV-105 heel activation to operate single-acting pneumatic cylinders such as foot lifts, stackers, scissor cutters, etc. on same machine. Ideal for applications where air is required while sewing and heeling. In relaxed position air is off. Functions can be turned off with the built in flow control vales if not needed. Assembly includes two 3-way air valves, built in flow controls, and 20 ft. of air supply tubing.



Patent No. 5,716,039

TBV-110LT	3-Position Toe & Heel Treadle Rod Air Switch, 1/4" / 6 mm OD supply	\$55.00 ea.
TBV-111LT	3-Position Toe & Heel Treadle Rod Air Switch, 3/8" OD supply	\$60.00 ea.
25739-01	Conversion Kit , upgrades old style Toe action TBV-100LT to TBV-110LT Switch	\$27.00 ea.

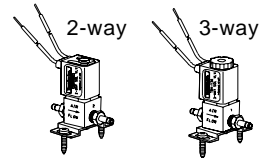
24 VOLT DC SOLENOID VALVE ASSEMBLIES

For use with electronic motors. Two types of solenoid valves are available: 2-way and 3-way.

2-way 24 volt solenoid valve is for vacuum only applications on machines with electronic motors that have a **24 volt DC motor run signal**. If no motor run signal is present, use the appropriate Lite-Touch treadle rod air switch. Solenoid valve is rated at .25 amps with a maximum operating pressure of 100 PSI. Assembly includes mounting bracket, screws and 10 ft. of compressed air tubing.

3-way 24 volt solenoid valve operates single-acting air cylinders for foot-lifts, stackers, scissor cutters, impact cutters or pilot valves. Solenoid valve is rated at .33 amps with a maximum operating pressure of 120 PSI. Three-way valves exhaust thru valve exhaust port on valve. Assembly includes a mounting bracket, screws and 10 ft. of compressed air tubing.

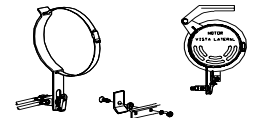
TBV-130	2-way Solenoid Valve Assembly, 1/4" / 6 mm OD supply	\$48.00 ea.
TBV-131	2-way Solenoid Valve Assembly, 3/8" OD supply	\$53.00 ea.
TBV-138	3-way Solenoid Valve Assembly, 1/4" / 6 mm OD supply	\$54.00 ea.



MOTOR MOUNT AIR SWITCH

The Motor Mount Air Switch is designed for use on standard clutch type motors where a conventional treadle rod air switch cannot be installed to operate vacuum for chain cutter or waste remover. Applications for the motor mount air switch include **Ergo pedals** with push pull cables used to engage clutch motor or any **pedestal mounted** machine where the clutch motor is mounted above the pedestal stand such as **feed-off-the-arm**. Assembly has a 2-way air valve and comes complete with mounting hardware and 10 ft. of compressed air tubing.

TBV-121	Motor Mount Air Switch, 1/4" / 6 mm OD supply	\$80.00 ea.
TBV-122	Motor Mount Air Switch, 3/8" OD supply	\$85.00 ea.



FOOT SWITCH

Ideally suited for activating Templex vacuum products in non-sewing applications such as hand scissor-cutting waste removal systems, basting thread removal systems, trim removal systems, etc. Foot Switch includes 10 ft. of compressed air tubing.

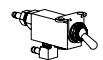
TBV-132	Foot Switch, 1/4" / 6 mm OD supply	\$170.00 ea.
TBV-133	Foot Switch, 3/8" OD supply	\$180.00 ea.



TOGGLE SWITCH ASSEMBLY

The **3-way** on-off-exhaust toggle switch assembly is for use with vacuum devices, pilot valves, or single-acting air cylinders. Assemblies can mount to top, bottom, or edge of table top and come with mounting bracket, screws, and compressed air tubing.

TBV-118	3-Way Toggle Switch Assembly, 1/4" / 6 mm OD supply	\$65.00 ea.
TBV-119	3-Way Toggle Switch Assembly, 3/8" OD supply	\$85.00 ea.

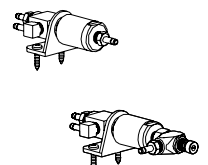


PILOT VALVE ASSEMBLY

Pilot Valve Assembly uses a low pressure air signal (5 PSI minimum) to operate a waste removal product at full line pressure. Assembly consists of a pilot valve and a 3-way air valve. When existing air device (air cylinder, footlift, blowing tube, etc.) is activated, pressure in air line signals pilot valve to operate three-way air valve. Three-way air valve will operate at full line pressure as long as device is activated. Ideal for operating waste removal systems on automatic machines where low pressure or low flow air sources are present.

The pilot valve assembly is also available with an adjustable delay function valve that allows a waste removal unit to continue to run up to 30 seconds after the air signal stops. Ideal for use with waste removal systems on machines with scissor or impact cutters to remove cut pieces of binding, lace, or elastic. Both assemblies include tee fitting to insert into signal pressure air line, 15 ft. of air supply tubing, mounting bracket, and screws.

TBV-134	Pilot Valve Assembly, 1/4" / 6 mm OD supply	\$80.00 ea.
TBV-135	Pilot Valve Assembly, 3/8" OD supply	\$85.00 ea.
TBV-136	Pilot Valve Assembly with delay, 1/4" / 6 mm OD supply	\$120.00 ea.
TBV-137	Pilot Valve Assembly with delay, 3/8" OD supply	\$125.00 ea.



VACUUM UNITS

TEMPLEX BETTA-VAC CHAIN REMOVER

Used for all chain cutters regardless of manufacturer. Very efficient. Amount of vacuum can be regulated for the type of thread and material used, from the lightest chiffon to the heaviest denim. All metal construction. Assembly operates best at 80 PSI (5.5 Bar) and comes complete with needle valve and air fitting for vacuum adjustment, 38" of suction hose, 24" of discharge hose, and mounting hardware. Use with a Lite-Touch treadle rod air switch or solenoid valve assembly. See also: Chain Removal Systems, page 9.

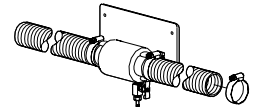
TBV-200	Templex Betta-Vac Chain Remover, 1/4" (6mm) OD supply	\$35.00 ea.
TBV-201	Templex Betta-Vac Chain Remover, 3/8" (8mm) OD supply	\$38.00 ea.



TEMPLEX VACUUM ASSEMBLY FOR WASTE REMOVAL

Available in three sizes: 1" for trimmings up to 3/4" wide, 1 1/2" for trimmings up to 1 1/4" wide, and 2" for trimmings up to 1 3/4" wide. Ideal for removing waste on any sew and trim sewing machine where chain cutters will not be used. Use with a Lite-Touch treadle rod air switch or solenoid valve assembly. Our 1" waste removers include an adaptor which allows connection to all 1 1/2" waste collection products. Assemblies operate best at 80 PSI (5.5 Bar) and include mounting plate, hardware, a needle valve with air fitting for vacuum adjustment, hose clamps, and 5 ft. of suction/discharge hose. For near silent operation, use Templex Muffler Units, page 8. **Also Available:** Templex 1 1/2" Hi-Vac Waste Remover for special applications where higher vacuum levels are needed for hard to move trimmings or for transporting trimmed waste longer distances. Also excellent for fume removal applications (Hot Notcher, etc.)

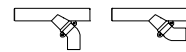
TBV-075	1" Waste Remover Assembly, 1/4" (6mm) OD supply	\$85.00 ea.
TBV-076	1" Waste Remover Assembly, 3/8" (8mm) OD supply	\$88.00 ea.
TBV-125	1 1/2" Waste Remover Assembly, 1/4" (6mm) OD supply	\$90.00 ea.
TBV-126	1 1/2" Waste Remover Assembly, 3/8" (8mm) OD supply	\$93.00 ea.
TBV-175	2" Waste Remover Assembly, 1/4" (6mm) OD supply	\$115.00 ea.
TBV-176	2" Waste Remover Assembly, 3/8" (8mm) OD supply	\$118.00 ea.
TBV-1250	1 1/2" Hi-Vac Waste Remover, 3/8" (8mm) OD supply	\$220.00 ea.



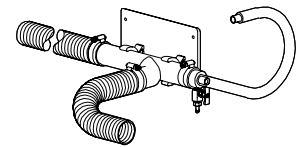
TEMPLEX VACUUM ASSEMBLY FOR CHAIN & WASTE REMOVAL

Most efficient chain and waste remover on the market, available in two sizes: 1 1/2" for trimmings up to 1 1/4" wide and 2" for trimmings up to 1 3/4" wide. Designed for use with overlock/safety-stitch machines with or without chain cutters. Efficiently provides adjustable vacuum for removing chain and waste from sewing machines. Exhaust air from the chain cutter vacuum is recycled to create a second suction which removes the trimmed waste. Requires the same amount of compressed air as a standard chain vacuum, but does twice the work. Use with a Lite-Touch treadle rod air switch or solenoid valve assembly. 1 1/2" units feature a detachable inlet elbow which can be rotated 180 degrees to aid in installation and routing of hoses. Units operate best at 80 PSI (5.5 Bar) and come complete with mounting plate, hardware, a needle valve for vacuum adjustment, hose clamps, chain removal hose, and 5 ft. of suction/discharge hose. For near silent operation, use Templex Muffler Units, see page 8.

TBV-400	1 1/2" Chain & Waste Remover, 1/4" (6mm) OD supply	\$95.00 ea.
TBV-401	1 1/2" Chain & Waste Remover, 3/8" (8mm) OD supply	\$98.00 ea.
TBV-500	2" Chain & Waste Remover, 1/4" (6mm) OD supply	\$125.00 ea.
TBV-501	2" Chain & Waste Remover, 3/8" (8mm) OD supply	\$130.00 ea.



2 Position Inlet Elbow Design for Flexible Installation



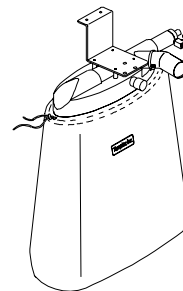
Patent #4,764,058

TEMPLEX VAC-BAG FOR CHAIN & WASTE REMOVAL WITH COLLECTION BAG

Design of the TBV-1A and TBV-1AN combines our PATENTED 1 1/2" (TBV-400) chain & waste vacuum unit and the (TBV-190) waste bag unit into one compact assembly. The Vac-Bag has a built in baffle chamber to reduce noise level of the exhausted air and will accept the 1 1/2" MSB150 muffler for additional noise reduction if needed. Vac-bags also have a 3/4" non-vacuum port to receive waste exhausted from other devices such as a docking stations/cleaning guns or auxiliary vacuum units.

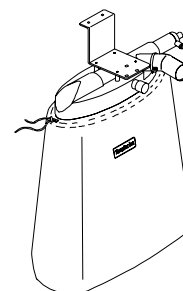
Assembly of the new Vac-Bag is made simple for quick installation on either new machines or RETROFIT on older existing machines. The TBV-1A and TBV-1AN can be purchased individually or packaged in combos that include the Lite-Touch treadle rod air switches, TBV-000-390 or TBV-000-490 waste funnels and MSB150 muffler. See page 10 for Combos.

TBV-1AN	1 1/2" Chain & Waste Vacuum with Collection Bag includes a needle valve installed on the vacuum unit to adjust air flow and usage. This unit is used on machine installations when using a 24 volt DC solenoid valve or other air activation devices that do not have a flow control valve.	
TBV-1AN	1 1/2" Vac-Bag, 1/4" (6mm) OD supply	\$100.00 ea.



TBV-1AN

TBV-1A	1 1/2" Chain & Waste Vacuum with Collection Bag does not have a needle valve and is used with any Templex Lite-Touch treadle rod air switch with built in flow control valves, i.e. TBV-110LT. This unit is included in all Vac-Bag Combos.	
TBV-1A	1 1/2" Vac-Bag, 1/4" (6mm) OD supply	\$95.00 ea.



TBV-1A

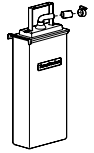
25760-03	Fabric Filter Bag Only, 15 Gallon Capacity	\$10.00 ea.
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TEMPLEX CHAIN, WASTE, AND LINT COLLECTION PRODUCTS

TEMPLEX CUT CHAIN BAG

For collection of cut thread chain (for any type chain cutter). Use with existing chain removal systems that have no collection containers and for dust and lint collection. Connects to 3/4" or 1" ID hose. Installs easily under table top, and features a white reusable see-thru filter bag that slides out for quick and easy disposal of cut chain and lint. Filter bag (4" x 8" x 18" tall) is oil and water resistant. Mounting hardware included. (See Chain Removal combos on page 9)

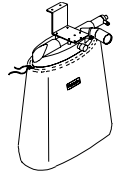
TBV-140 Cut Chain Bag \$63.00 ea.



TEMPLEX VAC-BAG FOR CHAIN & WASTE REMOVAL WITH COLLECTION BAG

See page 6 for detailed information about the combined chain & waste vacuum unit and waste bag unit.
See page 10 for Chain and Waste Removal combos.

TBV-1A

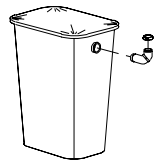


TEMPLEX 10 1/4 GALLON WASTE CANISTERS

Compact size (11" x 15 1/2" x 20" tall) is ideal for small quantities of cut chain, waste, and lint. Features fabric filter cover and detachable 1 1/2" or 2" inlet elbow which snaps in and out for easy emptying of the waste canister. Use Chain Vacuum Adaptor with any 1 1/2" waste canister to collect cut chain from Templex Betta-Vac Chain Remover. Chain Vac Adaptor attaches to 1 1/2" canister elbow and to 3/4" flexible discharge hose on chain remover. Use 1 1/2" waste canisters with 1" or 1 1/2" waste removal products and use 2" waste canisters for 2" waste removal products.

TBV-145 10 1/4 Gallon Waste Canister, 1 1/2" Single Inlet (shown) \$60.00 ea.
TBV-146 10 1/4 Gallon Waste Canister, 1 1/2" Double Inlet \$70.00 ea.
TBV-147 10 1/4 Gallon Waste Canister, 2" Single Inlet \$80.00 ea.
04018 Replacement Fabric Filter Cover, 10 1/4 Gallon \$10.00 ea.
00456 Chain Vacuum Adaptor \$14.00 ea.

TBV-145



TEMPLEX 12 GALLON UT WASTE BAG UNIT

Templex "UT" Waste Bag Units are available with 1 1/2" and 2" inlet ports. The UT Waste Bag unit is a flexible, affordable product for many uses that is easy to install and can mount under a table or around the drawer. UT bag units have a 3/4" non-vacuum port to receive waste exhausted from other devices such as docking stations/cleaning guns or auxiliary vacuum units. The UT *Under Table* mounted Bag Units collect and contain cut chain, trimmed waste, dust, oily lint, and other debris from the sewing machine head. Adaptor #25765 is required when collecting waste from two devices with 3/4" exhaust hoses, such as, a chain removal system with a docking Station.

TBV-190 UT Waste Bag Unit, 1 1/2" & 3/4" Inlet (12 Gallon capacity) \$43.00 ea.
TBV-191 UT Waste Bag Unit, 2" & 3/4" Inlet (12 Gallon capacity) \$70.00 ea.
25760-03 Fabric Filter Bag Only, 15 Gallon Capacity \$10.00 ea.

TBV-190



TABLE-MOUNT WASTE BAG UNIT

This waste collection unit has a narrow profile (7 3/4" wide), attaches directly to either end of the table top, and has a 20 gallon capacity. Two types are available: a **Reusable Fabric Filter bag** model, which features a tool tray for storing scissors, snips, tweezers, etc. and a **Disposable Poly Bag** model, which is ideal when recycling trimmed waste. Poly bags sizes are 26" wide x 32" tall x 2 mil. Both models have a 3/4" diameter spring-loaded door for disposal of other work area trash. Use 1 1/2" waste bag units with 1" or 1 1/2" waste removal products and use 2" waste bag units for 2" waste removal products.

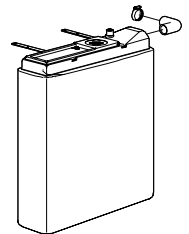
Waste Bag Unit - Filter Bag (shown)

TBV-180 1 1/2" Waste Bag Unit, 30" Filter Bag with Door \$80.00 ea.
TBV-182 2" Waste Bag Unit, 30" Filter Bag with Door \$95.00 ea.
02305 Replacement Fabric Filter Bag, 32" long \$22.50 ea.

Waste Bag Unit - Poly Bag

TBV-184 1 1/2" Waste Bag Unit, 30" Poly Bag with Door \$85.00 ea.
TBV-186 2" Waste Bag Unit, 30" Poly Bag with Door \$100.00 ea.
25027 Replacement Poly Bag, 30" long (600 Bag Roll) \$95.00 ea.

TBV-180

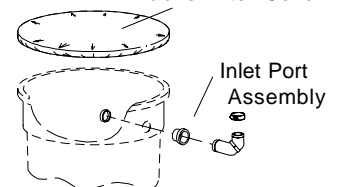


WASTE CONTAINER KIT

For use with waste/trash cans with 19" diameter opening. Includes detachable 1 1/2" or 2" inlet port assembly with elbow, hose clamp, and fabric filter cover. *The detachable elbow feature allows faster and easier emptying of waste canisters.* Use single inlet canister kit for collecting waste from one machine, or double inlet canister kit for collecting waste from two machines at the same time. Use 1 1/2" waste canisters with 1" or 1 1/2" waste removal products and use 2" waste canisters for 2" waste removal products. **DOES NOT INCLUDE WASTE/TRASH CONTAINER.**

25781 1.50" Single Inlet Waste Container Kit \$25.00 ea.
25863 1.50" Double Inlet Waste Container Kit \$38.00 ea.
25864 2.00" Single Inlet Waste Container Kit \$45.00 ea.
25865 2.00" Double Inlet Waste Container Kit \$85.00 ea.
00245 Replacement Fabric Filter Cover, 20 Gallon \$9.00 ea.


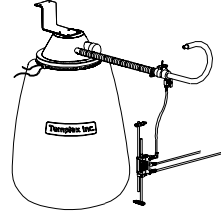

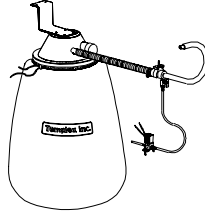

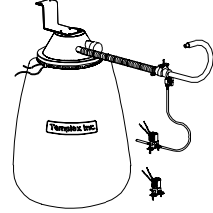
Fabric Filter Cover



CHAIN REMOVAL SYSTEMS FOR ALL MACHINES

Combination of a chain removal vacuum and a TBV-110LT 3-position air switch, which can be ordered with or without a waste bag for collection. Air switch supplies compressed air to chain removal vacuum only when machine is sewing. **All Templex chain removal systems can be used with any type of chain cutter on any machine regardless of manufacturer.**

Templex Chain Removal Systems include a combination of two or more of the following components: TBV-200 Chain Removal Vacuum Assembly, TBV-110LT 3-Position Lite-Touch Treadle Rod Air Switch 1/4" / 6mm air supply, TBV-130 24 VDC Solenoid 2-way Air Switch, TBV-138 24 VDC Solenoid 3-way Air Switch, large capacity TBV-190 waste bag. The TBV-190 waste bag unit features a 3/4" inlet port and a 1 1/2" inlet port for upgrade to a Waste Removal or Chain & Waste Removal. Includes 10 ft. of 1/4" / 6mm compressed air supply tubing. * A Lite-Touch Treadle Rod Air Switch can also be used on electronic motors with or without a 24 VDC motor run signal.

CHAIN REMOVAL SYSTEMS FOR MACHINES EQUIPPED WITH CHAIN CUTTER ONLY					
Using Clutch & Electronic Motors		Using Electronic Motors w/24 VDC Motor Run Signal			
 TBV-304LT	 TBV-369LT	 TBV-303	 TBV-368	 TBV-305	 TBV-372
Chain Removal & Footlift Activation Only	Chain Removal Footlift Activation & Collection	Chain Removal Only	Chain Removal & Collection	Chain Removal & Footlift Activation Only	Chain Removal & Footlift Activation & Collection
TBV-304LT \$90.00	TBV-369LT \$133.00	TBV-303 \$83.00	TBV-368 \$126.00	TBV-305 \$137.00	TBV-372 \$180.00
Consist of: TBV-110LT TBV-200	Consist of: TBV-110LT TBV-200 TBV-190	Consist of: *TBV-130 TBV-200	Consist of: *TBV-130 TBV-200 TBV-190	Consist of: *TBV-130 *TBV-138 TBV-200	Consist of: *TBV-130 *TBV-138 TBV-200 TBV-190

ACCESSORIES

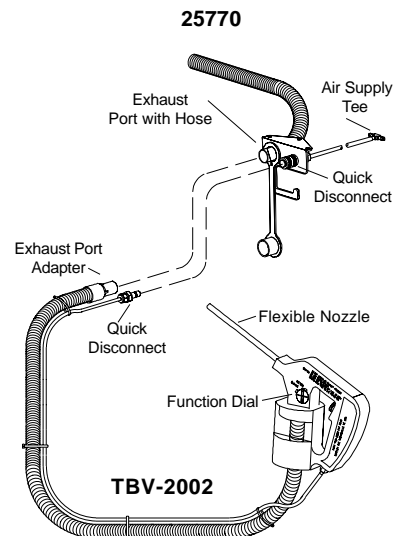
TEMPLEx "2n1" VACUUM CLEANING GUN & DOCKING STATION

Templex "2n1" vacuum cleaning gun is a powerful hand held vacuum device designed to remove oily dust and lint from all types of sewing machines. The 2002 vacuum cleaning gun utilizes compressed air at a recommended operating pressure of 80 psi (5.5 Bar) inlet pressure. The 5/16" X 6" long flexible nozzle bends around corners to remove thread and yarn flock from tensions, thread guides, looper eyes, and feed dogs. The 2002 vacuum gun converts to a blowing gun by turning the function dial located on the left side of the gun, and meets OSHA requirement of 30psi for blowing.

#25770 Air Vac Docking Station must be installed on each machine. The #25770 Air Vac Docking Station provides the compressed air and exhaust discharge connection for the TBV-2002 vacuum gun. Oily lint and debris is discharged into the same waste bag used to collect and contain trimmed waste and thread chain from the Templex dual chain & waste removal system. One vacuum gun can be shared by up to ten sewing machine operators.

TBV-2002 2 n1 Vacuum Cleaning Gun \$90.00 ea.
Use one gun for up to ten machines. Includes, exhaust hose with port adaptor and compressed air male quick disconnect that plugs into 25770 docking station.

25770 Air Vac Docking Station (requires one per machine) \$32.00 ea.
Installs under front edge of table and includes a quick disconnect with 1/4" barbed tee and air supply tubing and a 3/4" exhaust hose for discharge into waste bag.



COMBOS

Templex Vac-Bag Chain, Waste and Dust Removal Vacuum Combos

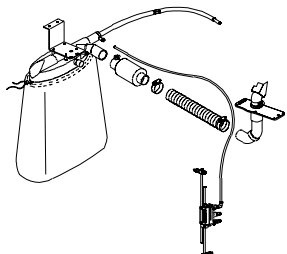
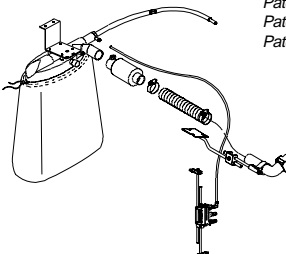
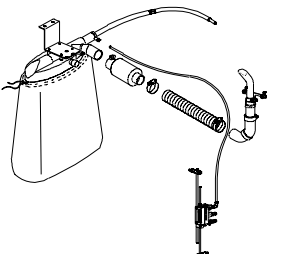
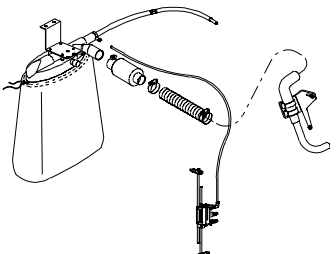
The Vac-Bag combines the designs of our Patented TBV-400 1½" chain & waste vacuum unit and 15 gallon waste bag unit into one compact assembly. The Vac-Bag features an (aluminum) vacuum venturi with ½" connection for Chain Suction, a 1½" vacuum connection for Trim Waste & Dust Suction, and a 15 gallon Waste Bag Collection Capacity. The housing is oval for a better fit of the waste bag and has a 3/4" non-vacuum port to receive waste exhausted from other devices such as a docking station or auxiliary vacuum units.

Installation of the Vac-Bag is Quick & Easy on both new machines or as a RETROFIT on existing machines. The design of the mounting bracket and Vac-Bag housing allow a variety of installation options for all tabletops and stands. The assembly has a built-in baffle to reduce exhaust air sound and includes installation hardware, hoses, and fabric bag with drawcord.

Vac-Bag Units can be purchased individually or packaged in COMBOS that include: TBV-1A Vac-Bag, TBV-110LT 3-position Lite-Touch treadle rod air switch, Waste funnel, and MSB150 muffler.

Reduce downtime - order an extra fabric waste bag, operator can change bags when full. Filled bag can be emptied and returned.

Vac-Bag Combos Complete with Waste Funnels & 3-Position Treadle Switch

 <p>Overlock/Safety Stitch Machines</p>		 <p>Cylinder Overlock Machines</p>	 <p>Feed Off The Arm Flat Seam Machines</p>
<p>TBV-3A-390 \$210 For Semi-Submerged or Top Mounted Machines</p>	<p>TBV-3A-490 \$210 For Fully Submerged Machines</p>	<p>TBV-3A-990 \$220 For Cylinder Overlock Machines</p>	<p>TBV-3A-791 \$230 For Feed off The Arm Flat Seam Machines</p>

Products Protected by:
Patent # 5,716,039
Patent # 4,764,058
Patent # 4,709,645

Includes:
TBV-1A Vac-Bag
TBV-110LT Treadle Switch
TBV-000-390 Waste Funnel
MSB150 Muffler

Includes:
TBV-1A Vac-Bag
TBV-110LT Treadle Switch
TBV-000-490 Waste Funnel
MSB150 Muffler

Includes:
TBV-1A Vac-Bag
TBV-110LT Treadle Switch
TBV-000-990 Waste Funnel
MSB150 Muffler

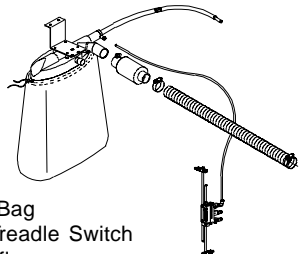
Includes:
TBV-1A Vac-Bag
TBV-110LT Treadle Switch
TBV-000-791 Waste Funnel
MSB150 Muffler

25760-03 Replacement Fabric Waste Bag \$10.00

VAC-BAG COMBO WITHOUT A WASTE FUNNEL

Order waste funnel separately. This 1½" Combo is packaged with everything needed for Chain & Waste Removal except a waste funnel. For machines with or without a pneumatic footlift. Order Waste Funnel separately. See pages 10-12.

TBV-3A Vac-Bag Combo without Funnel \$150.00



Includes
TBV-1A Vac-Bag
TBV-110LT Treadle Switch
MSB150 Muffler

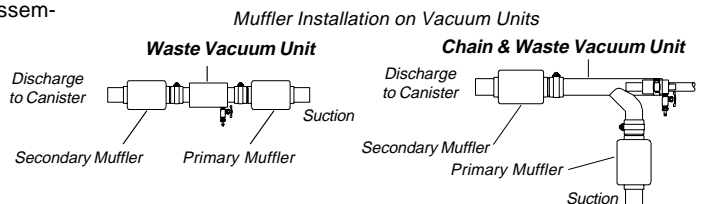
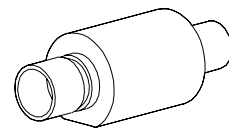
ACCESSORIES

TEMPLEX MUFFLER

Mufflers allow near silent operation of compressed air operated waste removal products. Special smooth bore design traps sound, but allows trimmed chain, waste, and lint to flow through. Use one muffler on the suction end of a waste removal product to greatly reduce sound level. For maximum sound reduction use muffler units on both suction and discharge ends of vacuum product.

To install, slide belled end of muffler onto the suction and discharge end of waste vacuum unit and fasten with clamp (1 each provided).

Use #25707 ½" chain vacuum muffler only with Chain & Waste Removal assemblies when a chain cutter is not present.



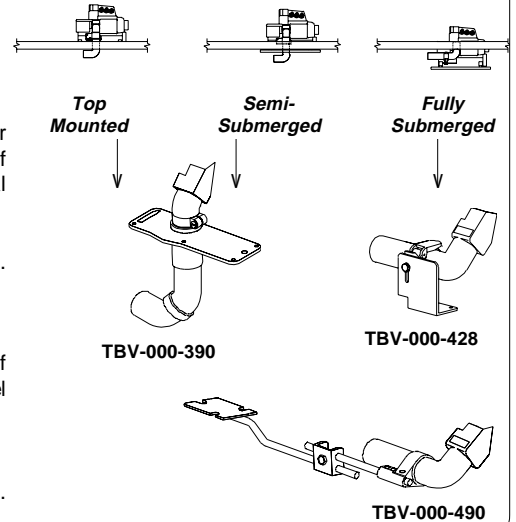
25847 ½" Muffler, Chain Vacuum unit \$6.00 ea.
MSB100 1" Muffler \$35.00 ea.
MSB150 1½" Muffler \$30.00 ea.
MSB200 2" Muffler \$55.00 ea.

WASTE FUNNELS

OVERLOCK/SAFETY STITCH (MULTI-USE)

Patent #4,709,645

Machine Mounting Methods



TOP MOUNTED OR SEMI-SUBMERGED - A multi-use 1½" funnel assembly designed for all makes and models of standard overlock/safety-stitch machines that are mounted top of table or semi-submerged. Installs on top of table. For a complete Chain & Waste Removal Vac-Bag Combo see page 9.

TBV-000-390 1½" Multi-Use Waste Funnel Assembly \$60.00 ea.

FULLY-SUBMERGED - Use TBV-000-490 1½" Multi-use funnel assembly for all makes and models of standard overlock/safety-stitch machines that are mounted fully-submerged. Use TBV-000-428 1½" funnel assembly only for fully-submerged WMC tables with bottom boards, installs to bottom board.

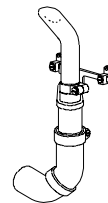
TBV-000-490 1½" Multi-Use Waste Funnel Assembly \$60.00 ea.

TBV-000-428 1½" Waste Funnel Assembly (WMC Tables Only) \$65.00 ea.

CYLINDER OVERLOCK (MULTI-USE)

Funnel assembly for use with all cylinder overlock machines that have attachments such as bandrollers, guides, collarettes, etc. Funnels are designed to fit without obstructing, and snap out to allow for machine maintenance. Adjustable mounting bracket installs to machine casting. Fits all Cylinder Overlock Machines; Juki, Pegasus, Siruba, Union, and Yamato machines.

Designed for use with any Templex 1.50" waste removal device, ie TBV-1A Vac-Bag Assembly or For a complete Chain & Waste Removal Vac-Bag Combo see page 9.



TBV-000-990 1" Waste Funnel Assembly For All Cylinder Overlock Machines \$70.00 ea.

OVERLOCK/SAFETY-STITCH (MULTI-USE MOUNT)

Multipurpose mount funnel assemblies are for use in collecting waste only, or chain and waste only. Funnel assemblies locate approximately 2" to 5" below trimmer knives and remove ONLY the trim waste that falls into the funnel opening; no lint or dust is collected. Two sizes are available: 1½" for small to medium trim, and 2" for larger trim. Use TBV-125 or TBV-175 assemblies for waste only applications, and TBV-400 or TBV-500 assemblies for chain and waste removal applications. For a complete system select the appropriate air activation switch and a waste collection container to fit the system size.

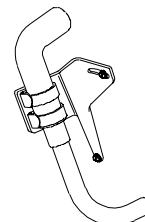


	1½" Funnel Assembly		2" Funnel Assembly	
JUKI 800 Series	TBV-000-101	\$55.00	TBV-000-201	\$55.00
JUKI 2500 Series	TBV-000-102	\$55.00	TBV-000-202	\$55.00
RIMOLDI 300 Series	TBV-000-103	\$38.00	TBV-000-203	\$38.00
WILLCOX & GIBBS 500 Series	TBV-000-108	\$38.00	TBV-000-208	\$38.00
UNION SPECIAL 39500	TBV-000-104	\$38.00	TBV-000-204	\$38.00
All other machines	TBV-000-104	\$38.00	TBV-000-204	\$38.00

FEED-OFF-THE-ARM FLAT SEAMERS (MULTI-USE)

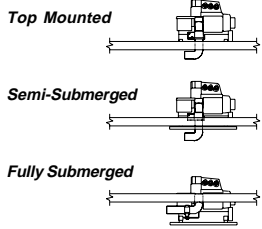
Feed-Off-The-Arm Flat Seamer funnel assembly mounts to existing screw holes in the side Face Plate of All Feed-Off-The-Arm machines. For pedestal mounted machines use TBV-121 Motor Mount Air Switch & select vacuum assembly, waste canister, and muffler from pages 5, 6 and 7. For tabletop mounted machines with a clutch motor use a Vac-Bag Combo see page 9.

Fits all Feed-Off-The-Arm Flat Seamers; Union Special, Willcox & Gibbs, Yamato, ect.. Designed for use with any Templex 1.50" waste removal device, ie TBV-1A Vac-Bag Assembly.



TBV-000-791 Waste Funnel Assembly with 1.25" Waste Nozzle For All Feed-Off-The-Arm Flat Seamers \$80.00 ea.

SPECIALIZED DESIGN OVERLOCK AND SAFETY-STITCH FUNNEL ASSEMBLIES

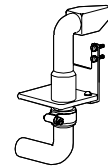


MACHINE MODEL - CLASS	1½" WASTE AND LINT FUNNEL ASSEMBLIES		2" WASTE AND LINT FUNNEL ASSEMBLIES	
	TOP MOUNT/SEMI-SUB	FULLY SUBMERGED	TOP MOUNT/SEMI-SUB	FULLY SUBMERGED
Machines with WMC Table Top		TBV-000-428 \$65.00		
Brother 500 Series \$105.00 Brother 600 Series 85.00 Brother V Series 115.00 Brother N Series 115.00	TBV-000-313MM \$105.00 TBV-000-314MM 85.00 TBV-000-332 115.00 TBV-000-332 115.00	TBV-000-413MM \$70.00 TBV-000-414MM 90.00 TBV-000-432 70.00 TBV-000-432 70.00		TBV-000-613 \$80.00
Consew 394, 395 Series	TBV-000-309 \$105.00	TBV-000-409 \$75.00	TBV-000-509 \$120.00	TBV-000-609 \$90.00
Global OV 600 Series \$90.00 Global OV 700 Series 105.00	TBV-000-302 \$90.00 TBV-000-309 105.00	TBV-000-402 \$65.00 TBV-000-409 75.00	TBV-000-502 \$110.00 TBV-000-509 120.00	TBV-000-602 \$80.00 TBV-000-609 90.00
Goldex 303, 305	TBV-000-309 \$105.00	TBV-000-409 \$75.00	TBV-000-509 \$120.00	TBV-000-609 \$90.00
Juki MO 800 Series \$105.00 Juki MO 1500 Series Juki MO 2300, 2400, 2500 Series 90.00 Juki MO 3600, 3700, 3900 Series 90.00 Juki MOC 3900, MOC 6900 Series 85.00	TBV-000-301 \$105.00 TBV-000-302 90.00 TBV-000-335 90.00 TBV-000-336A 85.00	TBV-000-401 \$80.00 TBV-000-415 65.00 TBV-000-402 65.00 TBV-000-435 65.00 TBV-000-436A 85.00	TBV-000-502 110.00 TBV-000-535 110.00	TBV-000-602 80.00 TBV-000-635 75.00
Kingtex SH6000, 6004, 6005	TBV-000-302 \$90.00	TBV-000-402 \$65.00	TBV-000-502 \$110.00	TBV-000-602 \$80.00
Mauser 2000 Series \$95.00 Mauser 9600, 9700 Series 105.00	TBV-000-318 \$95.00 TBV-000-309 105.00	TBV-000-418 \$75.00 TBV-000-409 75.00	TBV-000-518 \$110.00 TBV-000-509 120.00	TBV-000-618 \$100.00 TBV-000-609 90.00
Merrow M/MG Series	TBV-000-312 \$70.00	TBV-000-322 \$75.00	TBV-000-512 \$115.00	
Pegasus E32/52, ETS32/52 Series \$105.00 Pegasus EX, EXT Series 110.00 Pegasus M-632/652 Series 110.00 Pegasus L-22/32/52 Series 110.00	TBV-000-309 \$105.00 TBV-000-333 110.00 TBV-000-308 110.00 TBV-000-308 110.00	TBV-000-409 \$75.00 TBV-000-433 75.00 TBV-000-408 85.00 TBV-000-408 85.00	TBV-000-509 \$120.00 TBV-000-533 120.00 TBV-000-508 120.00 TBV-000-508 120.00	TBV-000-609 \$90.00 TBV-000-633 85.00 TBV-000-608 95.00 TBV-000-608 95.00
Rimoldi B27, B29 Series \$85.00 Rimoldi 227, 229 Series 85.00 Rimoldi 327, 329 Series 90.00 Rimoldi 527, 529 Series 65.00 Rimoldi 627 Series 105.00 Rimoldi 629 Series 105.00 Rimoldi F-27, F-29 Series 85.00 Rimoldi F-27, F-29 Auto Back-Latch 85.00 Rimoldi C07, C09 Series 65.00	TBV-000-326 \$85.00 TBV-000-327 85.00 TBV-000-329 90.00 TBV-000-304 65.00 TBV-000-319 105.00 TBV-000-319 105.00 TBV-000-330A 85.00 TBV-000-330BL 85.00 TBV-000-304 65.00	TBV-000-426 \$65.00 TBV-000-327 85.00 TBV-000-403 65.00 TBV-000-304 65.00 TBV-000-419 75.00 TBV-000-419 75.00 TBV-000-430 70.00 TBV-000-430BL 70.00 TBV-000-304 65.00	TBV-000-530 95.00	TBV-000-630 75.00
Singer 246 \$75.00 Singer 831U, 832U, 842U 105.00 Singer 861B, 862B, 872B 105.00 Singer 881, 882, 892 85.00 Singer 1800 Series 95.00	TBV-000-334 \$75.00 TBV-000-313MM 105.00 TBV-000-309 105.00 TBV-000-314MM 85.00 TBV-000-337 95.00	TBV-000-413MM \$70.00 TBV-000-409 75.00 TBV-000-414MM 90.00 TBV-000-437 70.00	TBV-000-509 120.00 TBV-000-537 100.00	TBV-000-613 \$80.00 TBV-000-609 90.00 TBV-000-637 75.00
Siruba 700 "E" Series	TBV-000-309A \$105.00	TBV-000-409 \$75.00		TBV-000-609 \$90.00
Sundia EA3, EA5	TBV-000-323 \$110.00	TBV-000-423 \$75.00		
Taiko T730, T740, T750 Series	TBV-000-309A \$105.00	TBV-000-409 \$75.00		TBV-000-609 \$90.00
Union Special 39500 MK IV \$80.00 Union Special 39500-9M 80.00 Union Special 39800 80.00 Union Special SP161, 172, 151 Series 85.00	TBV-000-307 \$80.00 TBV-000-306 80.00 TBV-000-307 80.00 TBV-000-336A 85.00	TBV-000-407 \$65.00 TBV-000-407 65.00 TBV-000-407 65.00 TBV-000-436A 85.00	TBV-000-507 \$100.00 TBV-000-507 100.00 TBV-000-507 100.00	TBV-000-607 80.00 TBV-000-607 80.00 TBV-000-607 80.00
Willcox & Gibbs 401-02/04 Series \$110.00 Willcox & Gibbs 401-E22 Series 105.00 Willcox & Gibbs 500-IV Series 105.00 Willcox & Gibbs 500-4 Series 110.00 Willcox & Gibbs 500-E & ETS 32/52 105.00 Willcox & Gibbs EX-EXT-32/52 110.00	TBV-000-308 \$110.00 TBV-000-309 105.00 TBV-000-321 105.00 TBV-000-308 110.00 TBV-000-309 105.00 TBV-000-333 110.00	TBV-000-408 \$85.00 TBV-000-409 75.00 TBV-000-421 75.00 TBV-000-408 85.00 TBV-000-409 75.00 TBV-000-433 75.00	TBV-000-508 \$120.00 TBV-000-509 120.00 TBV-000-508 120.00 TBV-000-509 120.00 TBV-000-533 120.00	TBV-000-608 \$95.00 TBV-000-609 90.00 TBV-000-608 95.00 TBV-000-609 90.00 TBV-000-633 85.00
Yamato DCZ-293 \$85.00 Yamato DCZ-341, 361, 610 Series Yamato ZF-1000, 1500 Series 85.00 Yamato ZF-1420 Series 120.00 Yamato Z-5000, 6000, 6100 Series 80.00 Yamato AZ-6000, 6500 Series 85.00 Yamato AZ-8000, 8500, 8600 Series 85.00 Yamato AZF-8000, 8500, 8600 Series 85.00 Yamato AZ-8400, AZF-8400 Series 95.00	TBV-000-324 \$85.00 TBV-000-311 85.00 TBV-000-310 120.00 TBV-000-325 80.00 TBV-000-320 85.00 TBV-000-320 85.00 TBV-000-320 85.00 TBV-000-315 95.00	TBV-000-324 \$85.00 TBV-000-416 65.00 TBV-000-411 70.00 TBV-000-310 120.00 TBV-000-425 65.00 TBV-000-420 75.00 TBV-000-420 75.00 TBV-000-420 75.00 TBV-000-315 95.00	TBV-000-520 125.00 TBV-000-520 125.00 TBV-000-520 125.00	TBV-000-620 80.00 TBV-000-620 80.00 TBV-000-620 80.00

COVERSTICH MACHINES WITH FABRIC TRIMMER

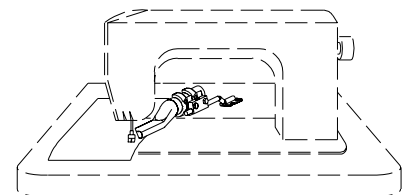
For bottom cover or top and bottom cover stitch machines with fabric trimmers. To complete the system use TBV-100LT Treadle Rod Air Switch or TBV-130 Solenoid Valve Assembly, and an appropriate waste collection container. Use a Waste Funnel Assembly with a Vac-Bag Combo or select a System from pages 5-7.

<i>Model</i>	<i>Funnel Size</i>	<i>Waste Funnel Assembly Only</i>		<i>Waste Removal Assembly with Waste Funnel Assembly</i>	
		<i>Part No.</i>	<i>Price</i>	<i>Part No.</i>	<i>Price</i>
Brother B272	1"	TBV-000-706	\$105.00	TBV-075-706	\$190.00
Pegasus WS-61 Semi-submerged	1"	TBV-000-750	100.00	TBV-075-750	185.00
Pegasus W-562	1"	TBV-000-725	90.00	TBV-075-725	175.00
Pegasus W-562 Semi-submerged	1½"	TBV-000-350	80.00	TBV-125-350	170.00
Rimoldi 261/271 Semi-submerged	1"	TBV-000-733	90.00	TBV-075-733	175.00
Rimoldi 261/271 Fully Submerged	1"	TBV-000-734	70.00	TBV-075-734	155.00
Rimoldi 271-FS Top Mount/Semi-submerged	1"	TBV-000-738	80.00	TBV-075-738	165.00
Union Special FS122/322 Semi-submerged	1"	TBV-000-727	110.00	TBV-075-727	195.00
Union Special 52700/57700, 52800/57800	1"	TBV-000-714	95.00	TBV-075-714	180.00
Yamato VF-2409, 2429, 2509, 2529	1"	TBV-000-715	120.00	TBV-075-715	205.00
Multi-purpose Mount	1"	TBV-000-704	80.00	TBV-075-704	165.00



SINGLE NEEDLE LOCKSTITCH (MULTI-USE)

A multi-use 1½" funnel assembly designed for all makes and models of single needle lockstitch machines with fabric edge cutters. Installs on table behind machine head. Use with TBV-125 1½" Vacuum Unit and selected air activation switch and waste bag unit. (Order separately)

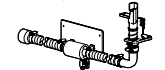


TBV-000-290 1½" Multi-Use Waste Funnel Assembly \$68.00 ea.

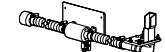
BOTTOM WASTE DISPOSAL FOR SINGLE NEEDLE LOCKSTITCH

For bottom waste disposal applications on Brother 772 and Juki DNM, DLM 5400 class machines. For rear trimmed waste disposal applications see page 11 & 16. Trimmed waste and dust is pulled down into the waste funnel as it is generated. The funnel assembly locates beneath the waste opening in the bed of the machine and attaches to the oil pan casting. The location of the funnel assembly does not interfere with machine maintenance, or changing the bobbin. Vacuum for these units is provided by TBV-075 1" Waste Removal Assembly (included). To complete the systems above, select the appropriate air switch ¼" / 6mm or ⅜" (8mm) OD supply and waste container: 1½" containers for 1" and 1½" systems or 2" containers for 2" systems.

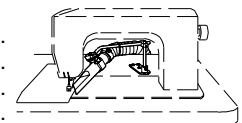
Juki DNM, DLM 5400



Brother 772



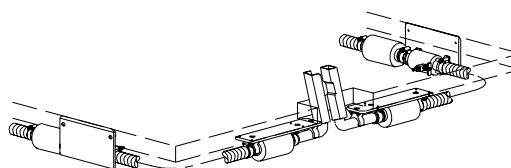
TBV-125-290



TBV-075-724N 1" Waste Removal Assy ¼" (6mm) OD supply for Juki DLM-5400, ⅜" to ⅝" gauge \$225.00 ea.
 TBV-075-724M 1" Waste Removal Assy ¼" (6mm) OD supply for Juki DLM-5400, ¼" to ⅝" gauge \$225.00 ea.
 TBV-075-724W 1" Waste Removal Assy ¼" (6mm) OD supply for Juki DLM-5400, ⅜" to ⅝" gauge \$225.00 ea.
 TBV-075-732 1" Waste Removal Assy ¼" (6mm) OD supply for Brother 772, narrow gauge \$155.00 ea.
 TBV-125-290 1 ½" Waste Removal Assy ¼" (6mm) OD supply with 1½" Multi-Use Funnel Assembly .. \$158.00 ea.

BELT LOOP MACHINES WITH FRONT CUTTERS

Dual waste removal assemblies for belt loop machines with front fabric trimming knives. Waste fabric is removed as it is trimmed. Use assemblies for waste up to 1¼" wide. Use also on machines with front strip feeding devices. Use appropriate Templex air activation switch with ⅜" (8mm) OD supply and TBV-167 1½" double inlet waste collection container to complete the system.

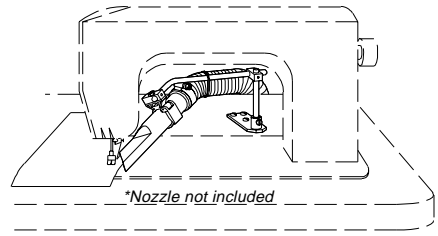


TBV-1401 1½" Waste Removal Assembly Brother FD4/271 ⅜" (8mm) OD supply \$475.00 ea.
 TBV-1400 1½" Waste Removal Assembly Juki MFB-2600 ⅜" (8mm) OD supply \$475.00 ea.
 TBV-1408 1½" Waste Removal Assembly Rimoldi 261 ⅜" (8mm) OD supply \$425.00 ea.

MULTI-PURPOSE WASTE REMOVAL VACUUM UNITS

Multi-purpose waste removal assemblies are versatile and can be installed on most any sewing machine. Use for rear, front, or overhead trimmed waste and lint removal on **single needle lockstitch** machines with **edge cutters, post-bed machines, overlock/safety-stitch machines, fume removal**, and many **non-sewing** applications.

For **single needle lockstitch** machines with edge cutters, the nozzle support system positions waste nozzles and funnels at any angle or axis for close proximity to vacuum area without interfering with the sewing process. Use 1" assemblies for small to medium trimmings up to 3/4" wide, 1 1/2" assemblies for trimmings up to 1 1/4" wide and 2" assemblies for trimmings up to 1 3/4".



Includes Vacuum Unit (not shown)

Assembly includes Extendable Support System with straight and angled rod, air operated waste vacuum unit complete with all mounting hardware, 5 ft. of flex hose, and 1/4" (6mm) or 3/8" (8mm) OD air supply. Order appropriate waste nozzle, treadle rod switch, and waste collection canister for a complete system. Order waste nozzle separately, see chart below and page 5,7,8.

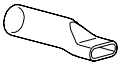




Extendable Support System- Order waste nozzle separately

TBV-0751	Extendable Support System with 1" Waste Removal Assembly	1/4" (6mm) OD supply	.....	\$165.00 ea.
TBV-0761	Extendable Support System with 1" Waste Removal Assembly	3/8" (8mm) OD supply	.....	\$168.00 ea.
TBV-1251	Extendable Support System with 1 1/2" Waste Removal Assembly	1/4" (6mm) OD supply	.....	\$170.00 ea.
TBV-1261	Extendable Support System with 1 1/2" Waste Removal Assembly	3/8" (8mm) OD supply	.....	\$173.00 ea.
TBV-1751	Extendable Support System with 2" Waste Removal Assembly	1/4" (6mm) OD supply	.....	\$195.00 ea.
TBV-1761	Extendable Support System with 2" Waste Removal Assembly	3/8" (8mm) OD supply	.....	\$198.00 ea.

Special Applications (with Extendable Support System)

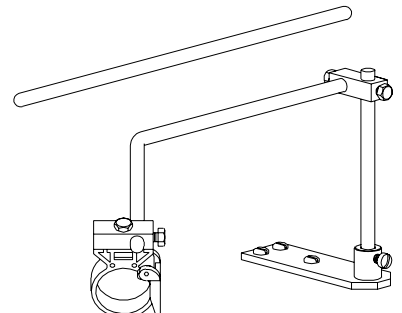
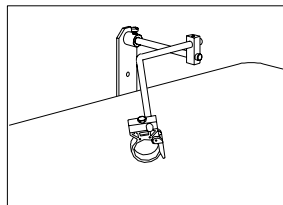
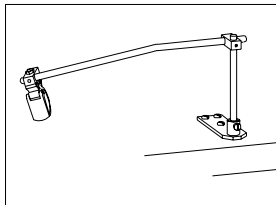
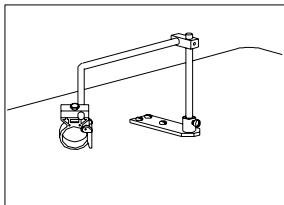
TBV-2251	Extendable Support System w/nozzle for AMF Flap Machine w/ pilot operated	1 1/2" Hi-Vac 3/8" (8mm) OD supply		\$315.00 ea.
TBV-2251	1 1/2" Hi-Vac 3/8" (8mm) OD supply for fume removal & heavy waste with extendable support system			\$315.00 ea.
25576	1 1/2" Vacuum Unit only 3/8" (8mm) OD supply for AMF Flap Machine (pilot operated)			\$175.00 ea.

WASTE NOZZLES

A	B	C	D	E
				
02257 1" \$18.00	25570 1" \$20.00	00161 1" \$18.00	02307 1" \$18.00	25573 1" \$22.00
02250 1 1/2" \$20.00	25571 1 1/2" \$22.00	02175 1 1/2" \$20.00	00815-03 1 1/2" \$20.00	25574 1 1/2" \$24.00
02235 2" \$22.00	25572 2" \$24.00	02306 2" \$25.00	00815-04 2" \$25.00	25575 2" \$27.00

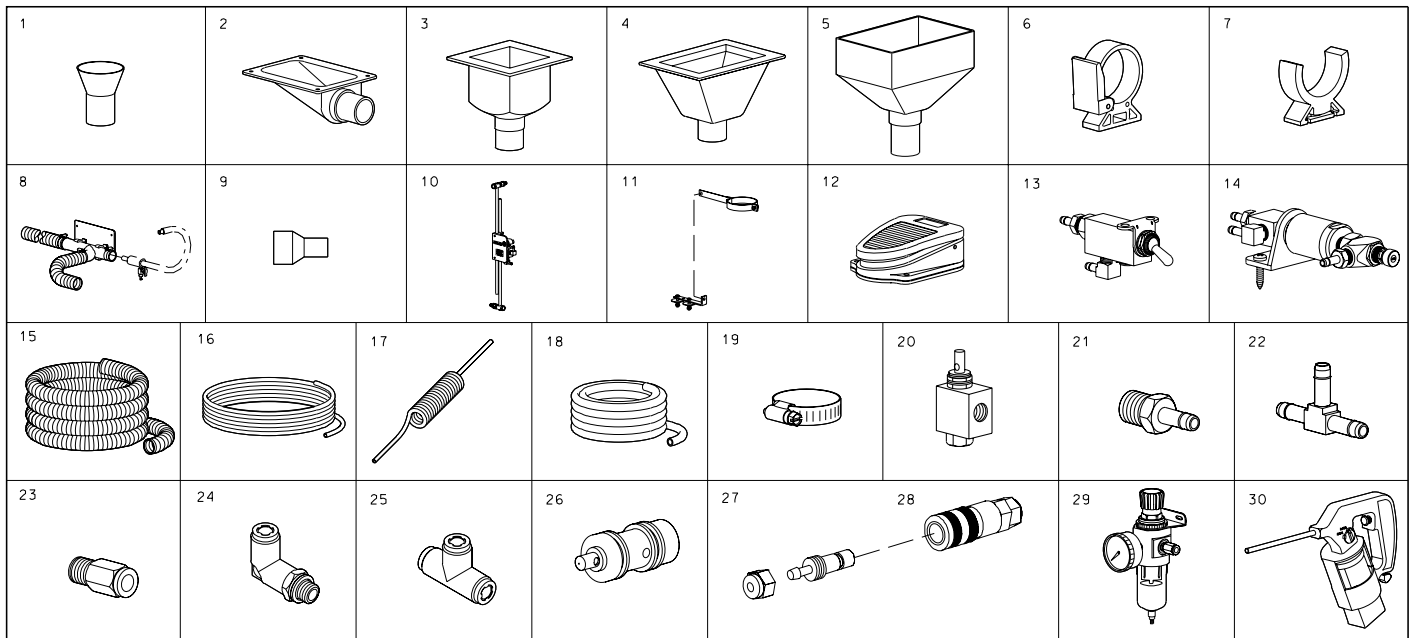
EXTENDABLE NOZZLE SUPPORT SYSTEM

Versatile support system that positions Templex waste nozzles and funnels at any angle or axis for close proximity to the vacuum area. Includes base with screws, locking clip assembly, 3/8" dia. x 14" long angled rod, and 6" & 13" long straight 3/8" dia. rods for multi-purpose installations.



25567	Extendable Support System for 1" Nozzles	.....	\$80.00 ea.
25568	Extendable Support System for 1 1/2" Nozzles	.....	\$80.00 ea.
25569	Extendable Support System for 2" Nozzles	.....	\$80.00 ea.

ADDITIONAL COMPONENTS



Item	Description	Part No.
1	1" OD Funnel 1 5/8" Diameter Open X 2 1/2" Tall	02308
	1 1/2" OD Funnel 2 1/2" Diameter Open x 3" Tall	00252
	2" OD Funnel 2 3/4" Diameter Open x 3" Tall	00251
2	1" OD Funnel 2 3/4" x 4 5/8" Open 3/4" Lip, 2 1/4" Tall	00713-01
	1 1/2" OD Funnel 2 3/4" x 4 5/8" Open 3/4" Lip, 2 1/4" Tall	00713-03
	2" OD Funnel 2 3/4" x 4 5/8" Open 3/4" Lip, 2 3/4" Tall	00713-05
3	1" OD Funnel 3" x 3" Open 3/4" Lip, 5" Tall	02310-01
	1 1/2" OD Funnel 3" x 3" Open 3/4" Lip, 5" Tall	02310-03
	2" OD Funnel 3" x 3" Open 3/4" Lip, 5" Tall	02310-05
4	1 1/2" OD Funnel 3" x 5" Open 3/4" Lip, 4 1/2" Tall	02170
	2" OD Funnel 3" x 5" Open 3/4" Lip, 4 1/2" Tall	02171
5	1 1/2" OD Funnel 4" x 6" Open 3/4" Lip, 6" Tall	00483
	2" OD Funnel 4" x 6" Open 3/4" Lip, 6" Tall	02311
6	Locking Tube Clamp for 1" OD Tube	01344
	Locking Tube Clamp for 1 1/2" OD Tube	01345
	Locking Tube Clamp for 2" OD Tube	01346
7	Tube Clip for 1" OD Tube	02621
	Tube Clip for 1 1/4" OD Tube	02622
	Tube Clip for 1 1/2" OD Tube	02623
	Tube Clip for 2" OD Tube	02624
8	1 1/2" Waste Conversion Kit	TBV-420
	2" Waste Conversion Kit	TBV-520
9	Reducing Adaptor 1 1/2" ID x 3/4" OD	RA150075
	Reducing Adaptor 1 1/2" ID x 1" OD	RA150100
	Reducing Adaptor 2" ID x 1 1/2" OD	RA200150
10	Treadle Air Switch, Toe. For built-in venturis	TBV-107LT
	Treadle Air Switch, Toe. With 3-way air valve	TBV-108LT
	Treadle Air Switch, Toe. For blow-over tubes	TBV-109LT
	Treadle Air Switch, 3-pos. For built-in venturis	TBV-112LT
	Treadle Air Switch, 3-pos. With 4-way air valve	00048
	Treadle Rod, 20" Long	02331
11	Mounting Kit for pedestal mounted machines	25606
12	Foot Switch, 1/4" / 6mm OD supply	TBV-132
	Foot Switch, 3/8" OD supply	TBV-133
	Foot Switch, 8mm OD supply	TBV-133M
13	3-Way Toggle Switch, 1/4" / 6mm OD supply	TBV-118
	3-Way Toggle Switch, 3/8" OD supply	TBV-119
	3-Way Toggle Switch, 8mm OD supply	TBV-119M
	4-Way Toggle Switch, 1/4" / 6mm OD supply	TBV-120
14	Pilot Valve with delay, 1/4" / 6mm OD supply	TBV-136
	Pilot Valve with delay, 3/8" OD supply	TBV-137
	Pilot Valve with delay, 8 mm OD supply	TBV-137M

Item	Description	Part No.
15	1" ID Clear Wire Reinforced Vacuum Hose	FH100 *
	1 1/2" ID Clear Wire Reinforced Vacuum Hose	FH150 *
	2" ID Clear Wire Reinforced Vacuum Hose	FH200 *
16	Compressed Air Tubing 1/4" OD x 0.170" ID	62440 **
	Compressed Air Tubing 1/4" OD x 0.125" ID	62400 **
	Compressed Air Tubing 3/8" OD x 0.250" ID	62660 **
	Compressed Air Tubing 4mm OD x 2.7mm ID	61560 **
	Compressed Air Tubing 6mm OD x 4mm ID	62330 **
	Compressed Air Tubing 8mm OD x 6mm ID	50041 **
17	Compressed Air Coil Hose 1/4" OD x 10 Ft	50155
	Compressed Air Coil Hose 3/8" OD x 10 Ft	50214
18	Clear Vinyl Tubing 1/2" OD x 3/8" ID	VT-12 ***
	Clear Vinyl Tubing 9/16" OD x 7/16" ID	VT-15 ***
	Clear Vinyl Tubing 3/4" OD x 1/2" ID	VT-20 ***
	Clear Vinyl Tubing 1" OD x 3/4" ID	VT-31 ***
19	Hose Clamp for 1" Hose	00249-09
	Hose Clamp for 1 1/2" Hose	00249-11
	Hose Clamp for 2" Hose	00249-14
20	2-Way Air Valve, 1/8" NPT	00099
	3-Way Air Valve, 1/8" NPT	00101
	4-Way Air Valve, 1/8" NPT	00102
21	Tube Conn Barbed, 1/8" NPT x 1/4" OD Tube	00105
	Tube Conn Barbed, 1/8" NPT x 3/8" OD Tube	00172
22	Union Tee Barbed, 1/4" OD Tube	00528
	Tee, 3/8" OD Tube main X 1/4" OD Tube Branch	00529
23	Union Tee Barbed, 3/8" OD Tube	00530
	Tube Conn Auto, 1/8" NPT x 1/4" OD Tube	00010
24	Tube Conn Auto, 1/8" NPT x 3/8" OD Tube	01877
	Tube EII Auto, 1/8" NPT x 1/4" OD Tube	00021
25	Tube EII Auto, 1/8" NPT x 3/8" OD Tube	00562
	Union Tee Auto, 1/4" OD Tube	01838
26	Union Tee Auto, 3/8" OD Tube	01736
	Replacement Cartridge Valve	50326
27	Male Quick Disconnect Barbed, 1/4" OD Tube	19179
28	Female Quick Disconnect Barbed, 1/4" OD Tube	19178
29	Filter Regulator w/ Gauge & Bkt, 1/8" NPT	00596
30	Cleaning Gun with Bag	TBV-2000

* Available in 25 ft. & 50 ft. lengths.

** Available in 100 ft. rolls only.

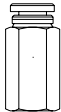
*** Available in 50 ft. & 100 ft. lengths.

Male Connector



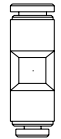
<u>Part No.</u>	<u>Tube Dia.</u>	<u>Pipe Thread</u>
ACM-25-01	1/4"	1/8"
ACM-25-02	1/4"	1/4"
ACM-38-01	3/8"	1/8"
ACM-38-02	3/8"	1/4"
ACM-M04-01	4mm	1/8"
ACM-M06-01	6mm	1/8"
ACM-M06-02	6mm	1/4"
ACM-M10-01	10mm	1/8"
ACM-M10-02	10mm	1/4"

Female Connector



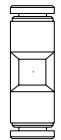
<u>Part No.</u>	<u>Tube Dia.</u>	<u>Pipe Thread</u>
ACF-25-01	1/4"	1/8"
ACF-25-02	1/4"	1/4"
ACF-38-01	3/8"	1/8"
ACF-38-02	3/8"	1/4"

Reducing Connector



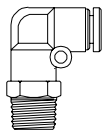
<u>Part No.</u>	<u>Tube Dia.</u>	<u>Tube Dia.</u>
ACR-25M04	1/4"	4mm
ACR-3825	3/8"	1/4"
ACR-M06M04	6mm	4mm
ACR-M10M06	10mm	6mm

Union Connector



<u>Part No.</u>	<u>Tube Dia.</u>
ACU-25	1/4"
ACU-38	3/8"
ACU-M04	4mm
ACU-M06	6mm
ACU-M10	10mm

Male Elbow



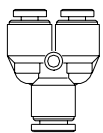
<u>Part No.</u>	<u>Tube Dia.</u>	<u>Pipe Thread</u>
AEM-25-01	1/4"	1/8"
AEM-25-02	1/4"	1/4"
AEM-38-01	3/8"	1/8"
AEM-38-02	3/8"	1/4"
AEM-M04-01	4mm	1/8"
AEM-M06-01	6mm	1/8"
AEM-M06-02	6mm	1/4"

Union "Y"



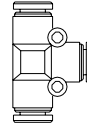
<u>Part No.</u>	<u>Tube Dia.</u>
AYU-25	1/4"
AYU-38	3/8"

Reducing "Y"



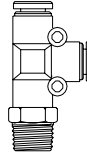
<u>Part No.</u>	<u>"M" Dia.</u>	<u>"B" Dia.</u>
AYR-25M04	1/4"	4mm
AYR-3825	3/8"	5/16"
AYR-M06M04	6mm	4mm
AYR-M10M06	10mm	6mm

Union Tee



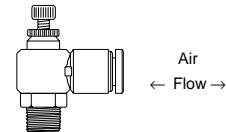
<u>Part No.</u>	<u>Tube Dia.</u>
ATU-25	1/4"
ATU-38	3/8"
ATU-M04	4mm
ATU-M06	6mm

Male Street Tee



<u>Part No.</u>	<u>Tube Dia.</u>	<u>Pipe Thread</u>
ATMS-25-01	1/4"	1/8"
ATMS-25-02	1/4"	1/4"
ATMS-38-01	3/8"	1/8"
ATMS-38-02	3/8"	1/4"
ATMS-M04-01	4mm	1/8"

Flow Control



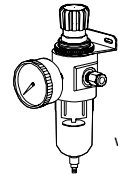
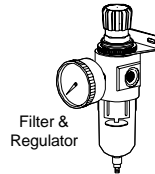
<u>Part No.</u>	<u>Tube Dia.</u>	<u>Pipe Thread</u>
50395	1/4"	1/8"

Plug for Auto Fittings



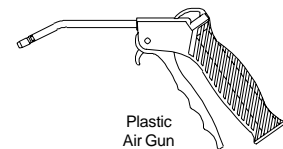
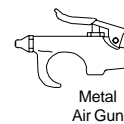
<u>Part No.</u>	<u>Tube Dia.</u>
APLG-25	1/4"
APLG-38	3/8"
APLG-M04	4mm
APLG-M06	6mm
APLG-M10	10mm

Air Filter & Regulator



<u>Part No.</u>	<u>Tube Dia.</u>	<u>Pipe Thread</u>
AFR-150 Filter Regulator	-	1/8" NPT
AFR-200 Filter Regulator	-	1/4" NPT
AR-150 Air Regulator	-	1/8" NPT
25825 Filter Reg. w/ Fittings	1/4"	-
25833 Filter Reg. w/ Fittings	3/8"	-

AIR GUN



<u>Part No.</u>	<u>Pipe Thread</u>
AGM-1 Air Gun Metal	1/4"
AGP-1 Air Gun Plastic	1/4"

VAC-BAG CHAIN, WASTE, AND LINT REMOVAL SYSTEMS - See PAGE 6 and 10 for order information.

Design of the TBV-1A and TBV-1AN combines our 1½" (TBV-400) chain & waste vacuum unit and the (TBV-190) waste bag unit into one compact assembly. The Vac-Bag has a built in baffle chamber to reduce noise level of the exhausted air, and will accept the 1½" MSB150 muffler for additional noise reduction if needed. The oval shape creates a better seal for the 15 gallon filter waste bag.

The TBV-1A and TBV-1AN can be used for waste and lint removal only or chain & waste and lint removal. Both units include a muffler for the chain vacuum unit to reduce the sound on machines that do not have chain cutters and a vacuum bleed-in valve that independently adjust the vacuum for machines with chain cutters.

The TBV-1A and TBV-1AN can be purchased individually or packaged in combos that include the Lite-Touch treadle rod air switches, TBV-000-390 or TBV-000-490 waste funnels and MSB150 muffler. See PAGE 6 and 9 for order information and detailed description.

USES LESS COMPRESSED AIR.

The unique design of combining the chain & waste vacuum unit and waste bag unit into one assembly ensures that the trimmed waste is pulled (sucked) in a straight line through the system and hoses before being collected in the collection bag. This helps keep the trimmed waste from gathering inside the system and hose to eliminate clogging.

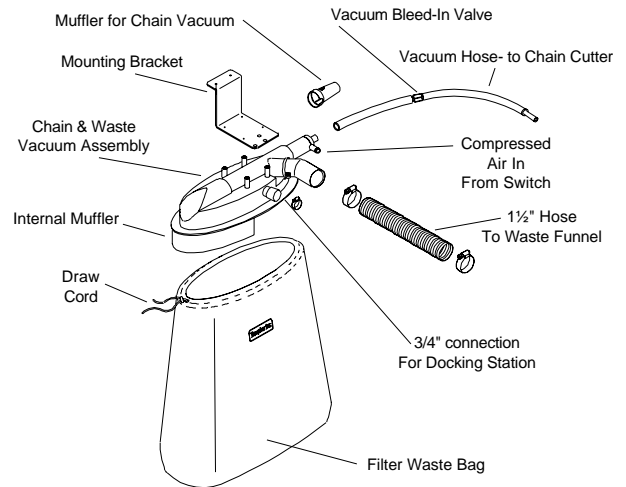
Therefore the compressed air can be reduced to conserve energy and air consumption.

INSTALLATION / RETROFIT

Assembly of the new Vac-Bag is made simple for quick installation on either new machines or RETROFIT on older existing machines. Attaching the mounting bracket and fabric bag to the main housing is the only assembling required before installing under the table with two wood screws. Then simply connect the hoses to complete installation. The ease of installation and lower price of the TBV-1A & TBV-1AN Vac-Bag assemblies makes Chain and Waste removal an easy sell to customers who would like to clean up their factories by installing Templex on existing machines.

REDUCED SHIPPING / FREIGHT COST:

Due to its compact size, the new Vac-Bag assemblies and combos can be shipped in much smaller boxes reducing the dim weight for export shipments and saving 15% to 20% on freight charges.



HAND HELD VACUUM CLEANING GUN

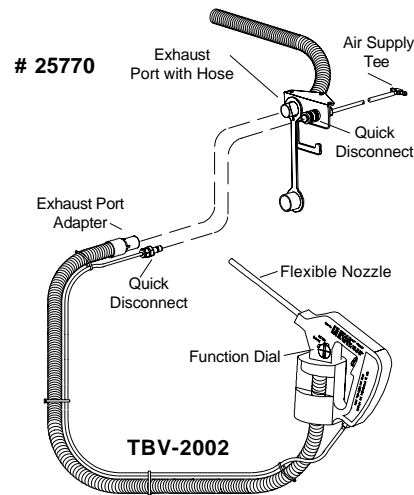
See page 8 for order information.

Design & Function: The TBV-2002 is a hand held vacuum gun designed to operate with compressed air at 80psi (5.5 bar). The 5/16" x 6" long flexible nozzle can reach under feed-dogs, behind loopers and hard to reach areas of sewing machines and other equipment. Vacuum function is activated by depressing a trigger with index finger. Air and debris exhaust into any Templex waste collection bag through the flexible hose kit and #25770 Docking Station. The TBV-2002 vacuum gun meets OSHA's requirement of 30psi for blowing function at 80psi (5.5 bar) inlet pressure.

Proper use of TBV-2002 Vacuum Gun:

Industrial sewing machines and equipment should be cleaned daily. Cleaning machines twice a day is recommended, once at mid-day and again in the afternoon before the operator goes home. **You should start with a clean machine** and implement a daily cleaning schedule to maintain a clean machine that will be free of the oily lint and debris to eliminate oil stained garments. **You should never use compressed air to blow out machines when cleaning.** as this method will simply cause the oily lint and debris to migrate on to your finished garments leaving them stained with oil spots. Blowing machines out with compressed air can also be a safety hazard to the operator and other personnel nearby.

The 6" long x 5/16" OD. nozzle is not designed to accept large pieces of hardened oily lint or debris that is greater than 3/16" in diameter. For this reason it is important to start with a clean machine and implement a daily cleaning schedule of all machines. Debris larger than 3/16" in diameter could become lodged within the nozzle or vacuum chamber in the gun. If debris is lodged inside gun or nozzle, simply turn function dial to blowing function, point the nozzle down at floor and activate the trigger to dislodge the debris from gun. If this does not work use a long pipe cleaner to dislodge the debris.



Vacuum Pressure

The TBV-2002 Vacuum Gun will pull between 12 and 13 inches of mercury vacuum at an inlet pressure of 80psi (5.5 bar). Operating the vacuum gun at air pressures less than 70psi (4.9 bar) will reduce the vacuum pressure and performance of the TBV-2002 vacuum gun accordingly. Inlet air pressures above 90psi may cause internal damage to the gun resulting in air leakage around the inlet port and trigger.

Note: When used properly and as designed for daily cleaning and maintenance of your sewing machines and equipment the TBV-2001 and the TBV-2002 "2n1" vacuum guns are excellent machine cleaning devices and will perform as intended.

COMPRESSED AIR CONSUMPTION FOR TEMPLEX WASTE REMOVAL SYSTEMS

GENERAL INFORMATION

CFM = Cubic feet per minute
 LPS = Liters per second
 LPM = Liters per minute (LPS x 60 = LPM)
 1 CFM = 28.3 LPM (.47195 LPS x 60 = 28.3 LPM)
 PSI = Air Pressure- Pounds per square inch
 1 PSI = .06895 Bar,
 Example: 80 PSI = (.06895 x 80) = 5.5 Bar

TYPICAL AIR COMPRESSOR CAPACITY

Piston Type: Each 1 HP Generates approximately **3 SCFM** or **84.9 LPM**
Screw Type: Each 1 HP Generates approximately **4 SCFM** or **113.2 LPM**

Example: A 25 HP. Screw Type air compressor will produce 100 SCFM or 2830 LPM (liters per minute) (25hp x 4 SCFM) = 100 SCFM or (25 HP x 28.3 lpm) = 2830 LPM.

The air consumption for chain removal only will be the same for a Templex Dual Chain & Waste Removal System. Always use a Templex Patented Dual Chain & Waste Removal Vacuum Assembly when vacuum is needed for both a chain cutter and trimmed waste removal to conserve compressed air. The Templex chain removal vacuum and the dual chain and waste removal vacuums **operate best at 80 psi or 5.5 bar. Compressed air consumption will vary from machine to machine depending on air pressure, flow control adjustment, weight of fabric, thread, and actual sewing cycle.**

EXAMPLE 1: 40 overlock/safety stitch machines sewing a light weight to medium weight knit or woven fabric using T-150 texturized poly or 100s/2 cord spun polyester thread.

AIR PRESSURE: 80 psi or 5.5 bar.
 SEWING CYCLE: 50% to 60%
 FLOW CONTROL ADJUSTMENT: opened counter clockwise one mark on Treadle Rod Air Switch.
 CFM used Per Machine (approximate) = 2 to 2.5 cfm. **CFM total: 2.5 cfm x 40 machines = 100 scfm**

Compressor Recommendation: Minimum of **25 HP Screw Type (100 Total cfm ÷ 4 = 25 HP)** or minimum of 35 HP Piston Type (**100 Total cfm ÷ 3 = 35 HP**). Consider next compressor size up to allow for future needs.

EXAMPLE 2: 30 overlock / safety stitch machines sewing a heavy denim fabric using a 40s/3 cord cotton thread.

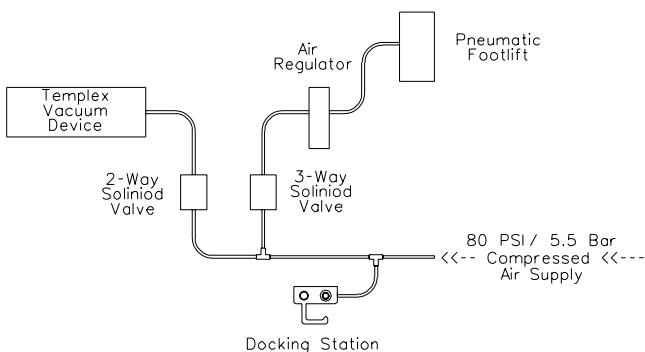
AIR PRESSURE: 80 psi or 5.5 bar
 SEWING CYCLE: 70%
 FLOW CONTROL ADJUSTMENT: opened counter clockwise two marks on Treadle Rod Air Switch.
 CFM used Per Machine (approximate) = 3.5 to 4 cfm. **CFM total: 4 cfm x 30 machines = 120 scfm**

Compressor Recommendation: Minimum of **30 HP Screw Type (120 Total cfm ÷ 4 = 30 HP)** or minimum of 40 HP Piston Type (**120 Total cfm ÷ 3 = 40 HP**). Consider next compressor size up to allow for future needs.

IMPORTANT!! These are estimates and may vary depending on proper installation and size of main air supply trunk line, altitude, proper installation of Templex waste removal products, and percentage of pressure drop when vacuum is activated

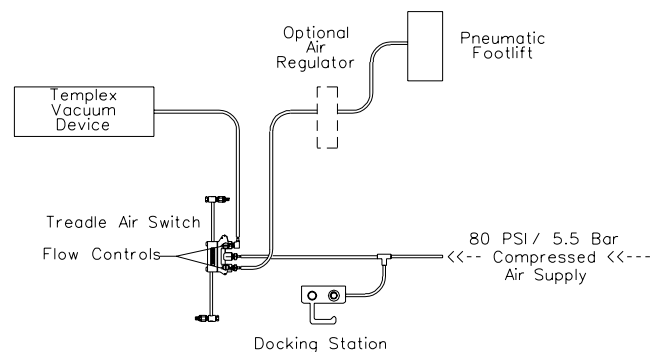
COMPRESSED AIR CONNECTION DIAGRAM

Proper pneumatic connections using 24 volt DC solenoid valves.



Note: A 3-way solenoid is necessary to operate a single acting air cylinder

Proper pneumatic connections using a Templex Lite Touch Treadle Rod Air Switch.



Note: Use of a filter regulator is not necessary when using a Templex Lite Touch Treadle Rod Air Switch with built in flow controls

AIR FLOW ADJUSTMENT:
FLOW CONTROL PIN IS NOT A SHUT-OFF VALVE. TURN FLOW CONTROL PIN TO RIGHT TO INCREASE AIR FLOW FROM AUTOMATIC TO MAXIMUM WITH 1/4 TURN, COUNTERCLOCKWISE OR COUNTERCLOCKWISE.

TENSION ADJUSTMENT:
TO INCREASE TREADLE PRESSURE REQUIRED TO ACTIVATE AIR SWITCH: LOOSEN AND SLIDE #3 SHAFT COLLAR TO COMPRESS #5 SPRING. RETIGHTEN #3 SHAFT COLLAR.

ITEMS 15 & 16 NOT SHOWN

16	1	50268	POLY TUBING .250"/ELEM. OD X .50"
15	2	50236	PUSH-ON RETAINER WASHER
14	1	50235	VALVE LEVER (L)
13	2	50326	CARBIDE VALVE, 3-WAY
12	3	50239	SOLENOID PIN .125" DIA X .750"
11	1	00021	BRASS ELL TO BARBED AUTO
10	2	50234	FLOW CONTROL PIN
9	2	00010	BRASS BAMP CONNECTOR AUTO
8	1	25139-02	NYLON VALVE HOUSING W/FLW CONTROL PIN
7	1	50012	ROD SPRING 0.044" THICK
6	1	50240	VALVE STEM DEPRESSOR
5	1	50011	ROD SPRING 0.023" THICK
4	5	01752	SOCKET SET SCREW 8-32 X 0.250"
3	2	50248	SHIFT COLLAR 1/4" ID
2	2	50014	TREADLE ROD 0.234"
1	2	00088	SPW/EL BALL JOINT

ITEM QTY PART NUMBER DESCRIPTION

PATENT NO. 5,716,039

TEMPLEX INC.

SCALE: 1:1
DATE: 01-27-03
DRAWN BY: RBD
REVISED: 08-20-03

NO CHAIN CUTTER

WITH CHAIN CUTTER

ITEMS 17 & 18 NOT SHOWN

17	1	19170	PHILLIPS HEAD SCREW 10-32 X .438"
16	1	25373	MOUNTING PLATE
15	2	01774	8PN HEAD SOCKET CAP SCREW 1/4-20 X 1/4"
14	2	00299	HEX NUT 1/4-20
13	2	02623	1.50" TUBE CLIP
12	3	00249-11	HOSE CLAMP
11	2	19170	PHILLIPS HEAD SCREW 10-32 X .438"
10	1	00202	CHAIN WASHER BODY 1/4" ID
9	2	01953	TRUSS PHILLIPS CAP SCREW 8 X 1"
8	1	00114	PHISO X 90°
7	1	00112	1.50" WASTE JUNCTION TUBE 1.0"
6	1	00109	1/4-20 X 36.00" LONG
5	1	00109	1/4-20 X 36.00" LONG
3	1	50395	BRASS NEEDLE VALVE 1/8" FPT X 1/4" TUBE
2	1	25704	RUBBER SEAL
1	1	00008	VACUUM REGULATOR TUBE

ITEM QTY PART NUMBER DESCRIPTION

U.S. PATENT NO. 4,764,058

TEMPLEX INC.

SCALE: 1:1
DATE: 02-27-03
DRAWN BY: S.C. CLARK
REVISED: 08/21/08

COMMON PARTS AND ASSEMBLIES

Installation Instructions - Pivot Mount

- Step 1 - Insert two (2) shoulder washers into (1) plate as shown in Fig. 1.
- Step 2 - Locate (2) funnel end (2) plate as shown in Fig. 2 to align with machine head.
- Step 3 - Use (3) pin or (4) to adjust the height of (1) funnel so top of funnel is approximately 1/16" below the cloth plate on machine head.
- Step 4 - Move funnel assembly inward to allow lower edge of (1) funnel opening to make contact with (5) slot.
- Step 5 - Mark center point of (6) shoulder washers on table top and attach using two (7) screws. Tighten screws to allow funnel assembly to pivot in slot.
- Step 6 - To remove (1) funnel, pivot (2) plate away from machine head and lift funnel.

ITEM QTY	PART NUMBER	DESCRIPTION
6	1	HEX NUT 10-32
7	1	19174 SCREW PAN PHILLIPS HEAD 10-32 X 7/8"
8	1	50684 COLLAR (HEIGHT ADJUSTER)
5	2	50270 SPACER / SHOULDER WASHER (ENLOW)
4	01933	SCREWS TRUSS PHIL TAP #6 X 1-000"
3	00243	INLET PORT ELBOW 1-50" OD
2	1	50325 FUNNEL MFG. PLATE
1	29126	WASTE FUNNEL 1-50" SNAP-OUT

TEMPLEX INC.

SCALE: N/A APPROVED BY: _____ DRAWN BY: PJS
 DATE: 02-17-99 REVISED: 02-15-05

WASTE ASSEMBLY 1-50" MULTI-PURPOSE SEMI-SUBMERGED TYP MOUNT

ITEM QTY PART NUMBER DESCRIPTION DRAWING NUMBER
 REV DATE TO BEBEO FROM R315 25131 PER BY

IMPORTANT INSTRUCTIONS

TO REMOVE NOZZLE
 UN-LOCK BOTTOM
 (LOWER)
 TUBE CLAMP ONLY.

ITEM QTY	PART NUMBER	DESCRIPTION
12	2	19206 SCR PAN HO SLOT 11/64-40 X 20mm
11	2	19205 SCR PAN HO SLOT 9/64-40 X 20mm
10	1	25619-01 ELBOW 1-50" 90 DEG. W/ SLOTS
9	1	25650 ANGLE MOUNTING PLATE
8	1	25860 1-50" WASTE NOZZLE
7	2	01945 1-50" LOCKING TUBE CLAMP
6	2	00933 PLAT WASHER 7/32" X 1/2" X 1/16"TK
5	2	25882 METAL SPACER 0.200" X 0.500" X 0.200"LG
4	2	00055 EXTERNAL LOCKWASHER 5/16"10
3	2	00054 SQUARE NUT 1/4-20
2	2	00053 HEX HEAD CAP SCREW 1/4-20 X 5/8"LG
1	2	00052 HEX HEAD CAP SCREW 1/4-20 X 5/8"LG

TEMPLEX INC.

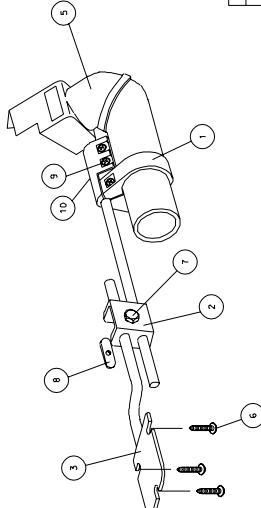
SCALE: N/A APPROVED BY: _____ DRAWN BY: BBD
 DATE: 08-03-04 REVISED: 02-10-05

WASTE FUNNEL ASSEMBLY 1-00" FOR FEED OFF THE ARM NEW STYLE!

ITEM QTY PART NUMBER DESCRIPTION DRAWING NUMBER
 REV DATE TO BEBEO FROM R315 23016 PER BY

INSTALLATION

NOTE: USE SCREW PACK (1)
 #19205 FOR YAMATO / U.S.
 USE SCREW PACK (2)
 #19206 FOR PECAGUS



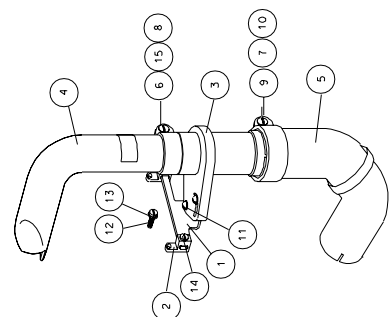
ITEM QTY	PART NUMBER	DESCRIPTION
10	3	00074 HEX NUT 10-32
9	3	19176 SCR PAN HO PHIL 10-32 X 0.475"
8	1	25605 NUT - ROD CLAMP 1/4-20
7	1	19098 SCR HEX HO CAP 1/4-20 X 0.750"
6	3	00117 SCREW TRUSS PHIL TAP #10 X 0.750"
5	1	25626 WASTE FUNNEL 1-50" 90°
4	1	25606 ROD-NY 1/4"
3	1	20022 BASE & MOUNT ROD (PLATED)
2	1	25604 CONNECTING U-BEND PLATED
1	1	23003 CLAMP - FUNNEL ROD

TEMPLEX INC.

SCALE: N/A APPROVED BY: _____ DRAWN BY: WBD
 DATE: 10-09-03 REVISED: _____

WASTE FUNNEL ASSEMBLY 1-50" MULTI-PURPOSE FULLY SUBMERGED

ITEM QTY PART NUMBER DESCRIPTION DRAWING NUMBER
 REV DATE TO METRIC HARDWARE 25138 PER BY



ITEM QTY	PART NUMBER	DESCRIPTION
15	1	19214 SCR PAN HO SLOT 9/64 X 10MM
14	2	19211 SCR PAN HO SLOT 1/4 X 10MM
13	2	00199 WASHER INTERNAL LOCK #8
12	2	00177 SCR CHEESE HO SLOT 1/4 X 10MM
11	2	19209 SCR HO HO SLOT 9/64 X 10MM
10	1	00074 NUT HEX 10-32
9	1	50244-01 TUBE CLAMP 1-50"
8	1	01979 HEX NUT 5/16 X 3/8MM LONG
7	1	00071 SCR HO HO SLOT 10-32 X 1.100"
6	1	50405 TUBE CLAMP 1-0"
5	1	25862 ELBOW 1-50" PL. 3" X 4" W/SLIT
4	1	25891-04 FUNNEL 1-0"
3	1	25891-03 MOUNTING TAB
2	2	25891-02 ANGLE BRACKET
1	1	25891-01 DESCRIPTION

TEMPLEX INC.

SCALE: N/A APPROVED BY: _____ DRAWN BY: WBD
 DATE: 10-27-04 REVISED: 07-28-05

WASTE FUNNEL ASSEMBLY 1-00" W/ FEED FOR CYLINDER OVERLOCK

ITEM QTY PART NUMBER DESCRIPTION DRAWING NUMBER
 REV DATE TO METRIC HARDWARE 23001 PER BY

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