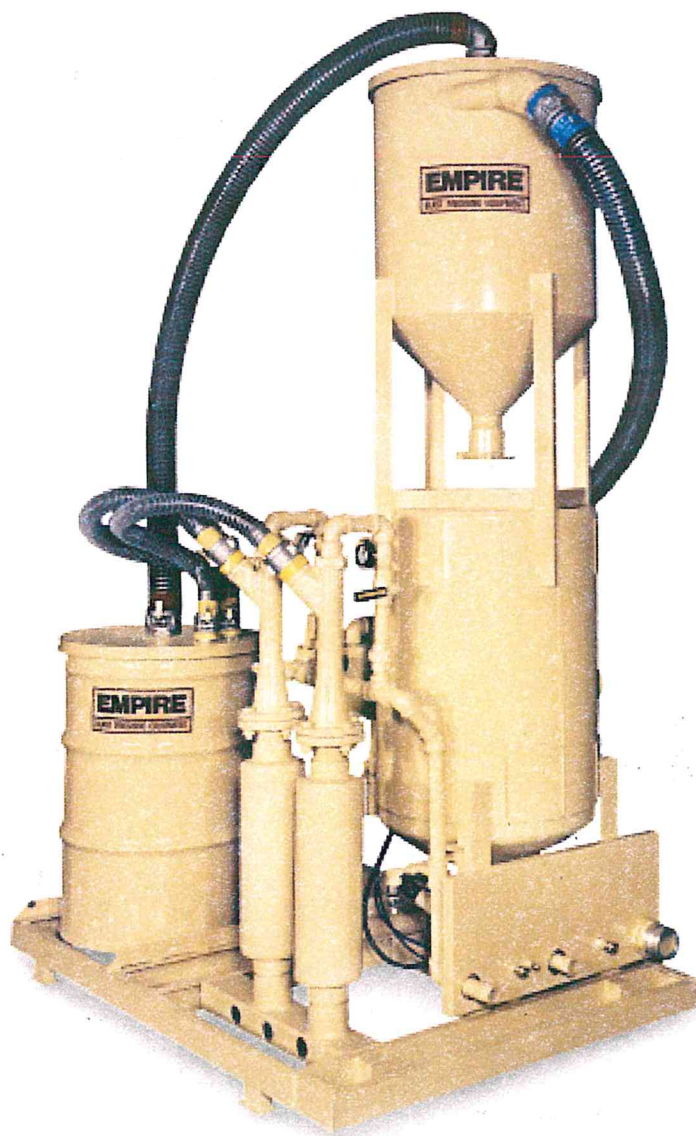


**BLAST N' VAC®
and
VACUTRANS®
PRODUCT GUIDE**



EMPIRE™
ABRASIVE EQUIPMENT
2101 West Cabot Boulevard
Langhorne, PA 19047-1893

Terms: Net 30

Minimum Order: \$100.00 Net

F.O.B. Factory - Langhorne, PA

**PRICES SUBJECT
TO CHANGE
WITHOUT NOTICE.**

LESS OUT POLICY

If you choose to less out an item from a standard part number you will only receive credit for 75% of the list price of the item, before applying your standard discount. For any questions contact Customer Service or your Regional Sales Manager.

- Consult Factory for part numbers not listed.
- Any item not in this Price List carries a maximum 15% discount.

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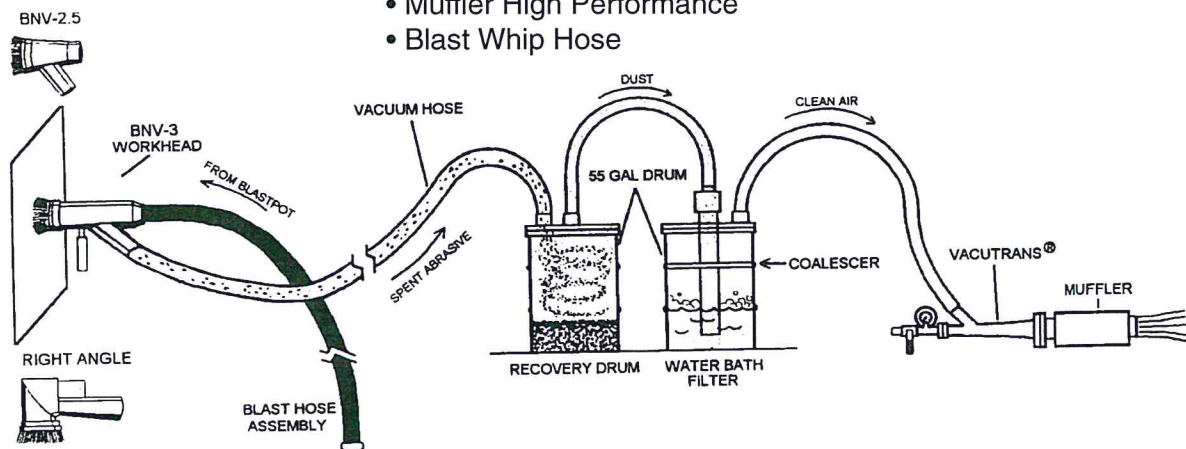
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Blast N Vac® PACKAGES For Use with Existing Pressure Vessel

Part Number	IMC #	Components
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800004	BNVP-300	
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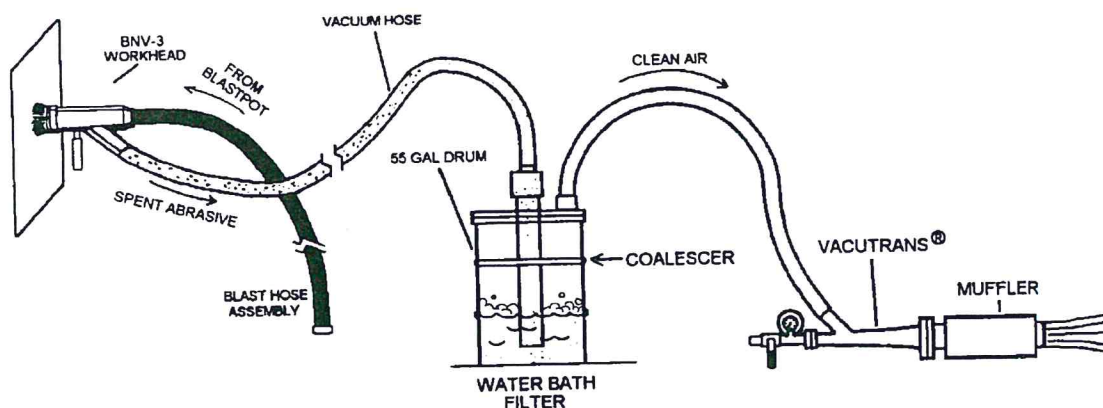
- Single Vacutrans® (200 CFM)
- # 2.5 Workhead with 1/4" Short Nozzle
- # 3 Workhead with 1/4" Long Venturi Nozzle
- Right Angle™ Workhead with 1/4" 90° Nozzle
- (50') Vacuum Hose
- Waterbath Filter Lid
- Recovery Drum Lid
- (2) Recovery Drums
- Muffler High Performance
- Blast Whip Hose



Part Number	IMC #	Components
-------------	-------	------------

800005	BNVP-300SB	SODA BLAST PACKAGE
--------	------------	--------------------

- Single Vacutrans® (100 CFM)
- # 3 Workhead with 1/4" Long Venturi Nozzle
- (50') Vacuum Hose
- (50') Blast Hose and Dual-Line Remote Control Hose/Handle
- Waterbath Filter Lid
- (1) Recovery Drum
- Muffler High Performance

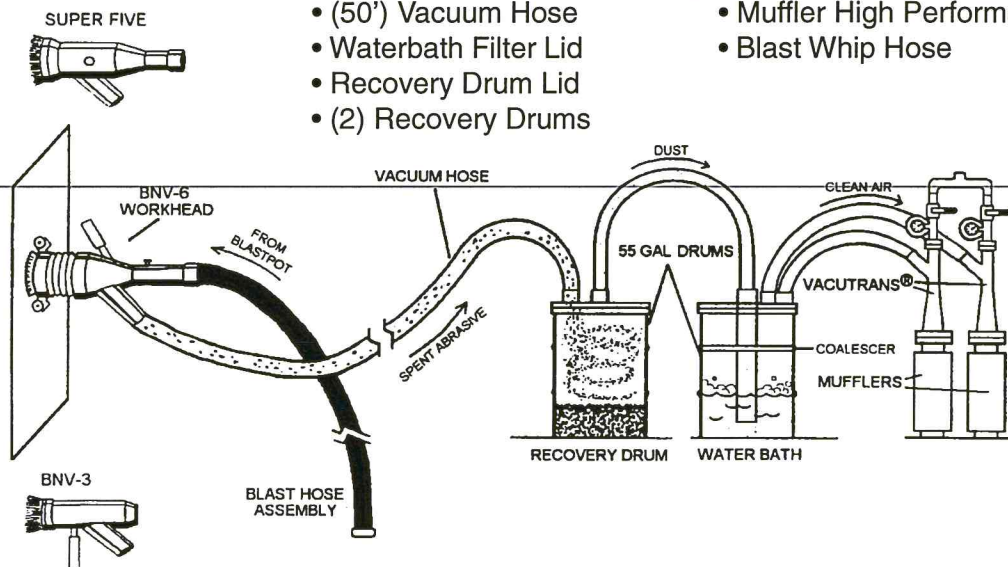


Part Number**IMC #****Components**

800006

BNVP-600

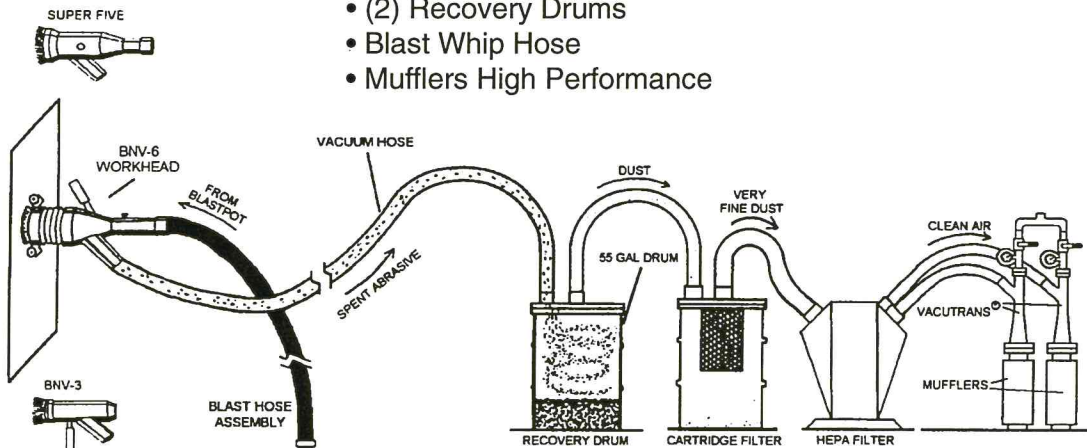
- Double *Vacutrans*® (200 CFM) each
- # 3 Workhead with 1/4" Long Venturi Nozzle
- *Super Five*™ Workhead with 3/8" Long Venturi Nozzle
- # 6 Workhead with 3/8" Long Venturi Nozzle
- (50') Vacuum Hose
- Waterbath Filter Lid
- Recovery Drum Lid
- (2) Recovery Drums
- Muffler High Performance
- Blast Whip Hose

**Part Number****IMC #****Components**

800007

BNVP-600H

- Double *Vacutrans*® (200 CFM) each
- # 3 Workhead with 1/4" Long Venturi Nozzle
- *Super Five*™ Workhead with 3/8" Long Venturi Nozzle
- # 6 Workhead with 3/8" Long Venturi Nozzle
- (50') Vacuum Hose
- Cartridge Filter
- HEPA Filter
- Recovery Drum Lid
- (2) Recovery Drums
- Blast Whip Hose
- Mufflers High Performance



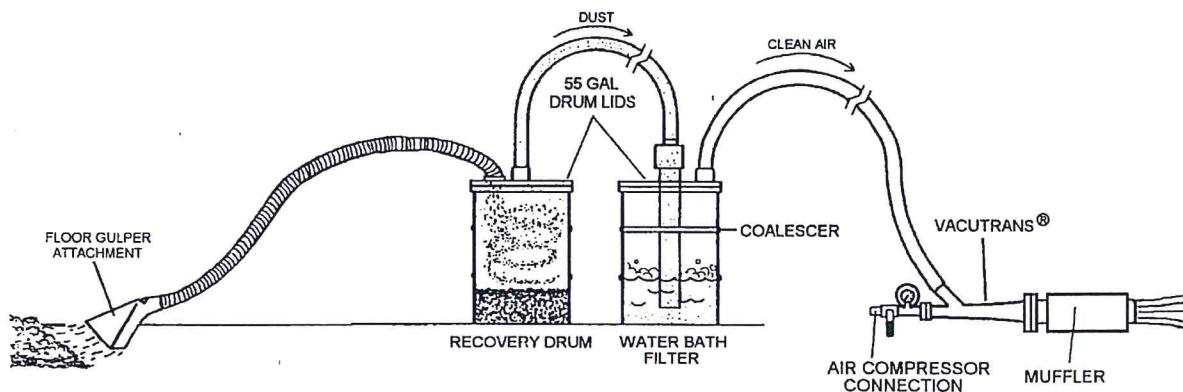
VacuTrans® PACKAGES – For Material Transfer

Part Number	IMC #
800012	VP-160

Components

Drum Transfer Package

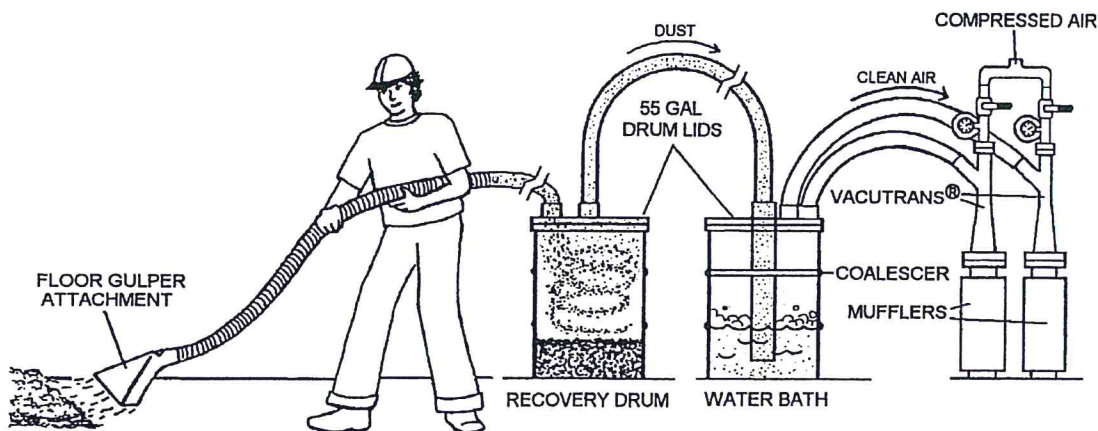
- Single *VacuTrans*® (200 CFM)
- Drum Transfer Lid Assembly
- (50') 2" *VacuTrans*® Hose
- Floor Gulper and Wand (#800104)
- Waterbath Filter Lid
- High Performance Noise Muffler



Part Number	IMC #
800256	VP-260

Components

- Double *VacuTrans*® (400 CFM)
- Manifold Assembly
- Recovery Lid
- Waterbath Filter Lid
- 2" x 50' *VacuTrans*® Hose
- Floor Gulper and Wand (#800104)
- (2) High Performance Noise Mufflers



Part Number

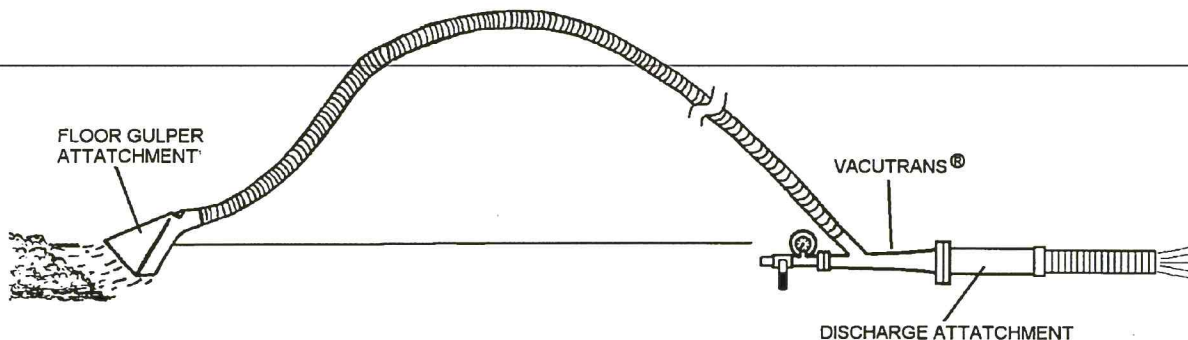
800013

IMC #

VP-170

Components**Direct Transfer Package**

- Single Vacutrans® (200 CFM)
- Discharge Hose Attachment
- (25') 2" Vacutrans® Hose
- (25') 3" Vacutrans® Hose – Quantity = (2)
- Floor Gulper and Wand (#800104)
- 3" Hose Mender

**Part Number**

800014

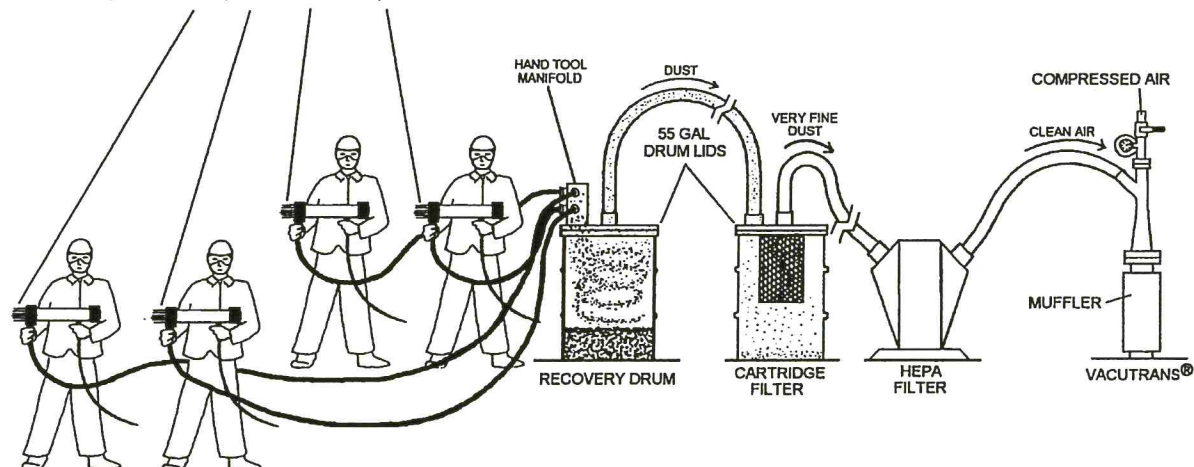
IMC #

VP-190

Components

- Single Vacutrans® (200 CFM)
- High Performance Noise Muffler
- Cartridge Filter Lid
- HEPA Filter
- Crevice Tool
- Refuse Drum Lid
- Hand Tool Manifold
- (50') 1 1/2" Vacuum Hose – Quantity = (2)
- (25') 2" Vacutrans® Hose
- Floor Gulper and Wand (#800104)

SANDERS, GRINDERS, NEEDLE GUNS, CLEANUP TOOLS



Blast N' Vac® SYSTEMS – Skid-Mounted with Pressure Vessel

Part Number

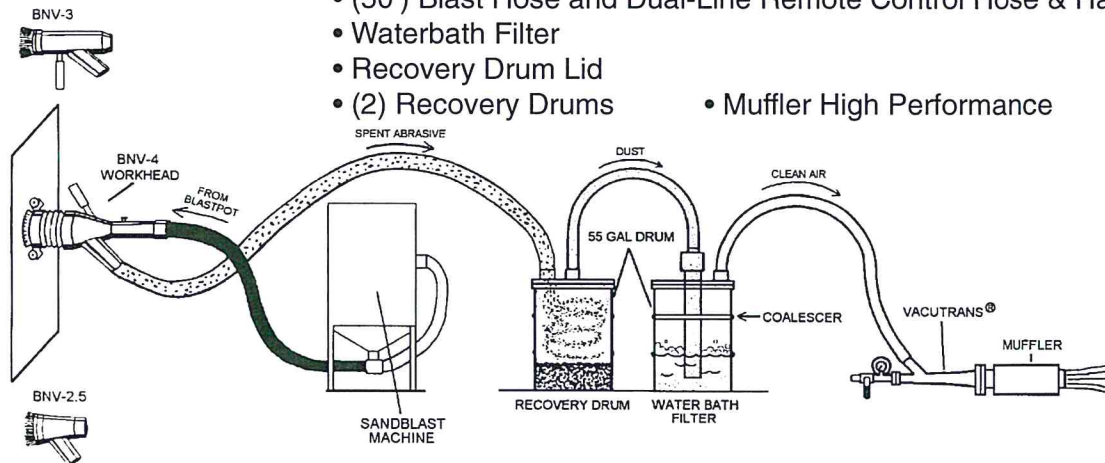
800008

IMC #

BNVS-300

Components

- Single *Vacutrans*®
- 6 1/2 ft.³ Pressure Vessel
- # 2.5 Workhead with 1/4" Short Nozzle
- # 3 Workhead with 1/4" Long Venturi Nozzle
- # 4 Workhead with 1/4" Long Venturi Nozzle
- (50') Vacuum Hose
- (50') Blast Hose and Dual-Line Remote Control Hose & Handle
- Waterbath Filter
- Recovery Drum Lid
- (2) Recovery Drums
- Muffler High Performance



Part Number

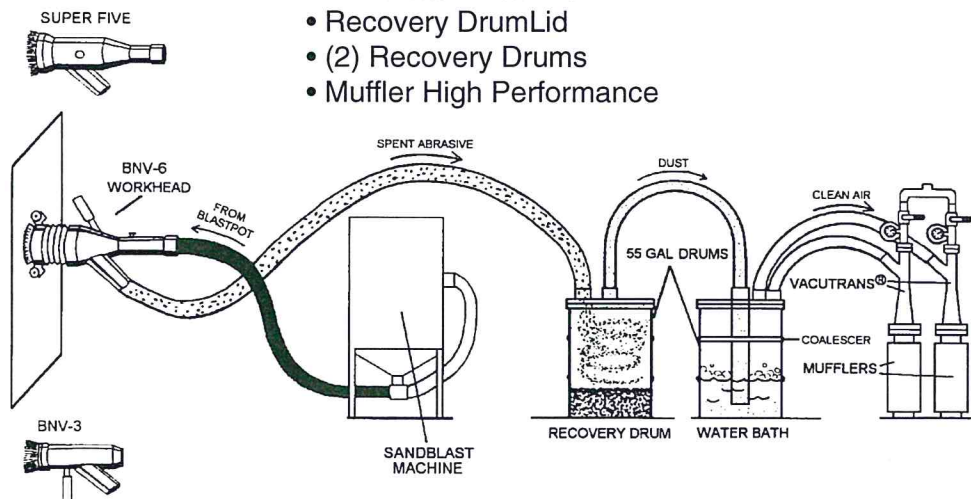
800009

IMC #

BNVS-600

Components

- Double *Vacutrans*®
- 6 1/2 ft.³ Pressure Vessel
- # 3 Workhead with 1/4" Long Venturi Nozzle
- *Super Five* Workhead with 3/8" Long Venturi Nozzle
- # 6 Workhead with 3/8" Long Venturi Nozzle
- (50') Vacuum Hose
- (50') Blast Hose and Dual-Line Remote Control Hose/Handle
- Waterbath Filter Lid
- Recovery Drum Lid
- (2) Recovery Drums
- Muffler High Performance

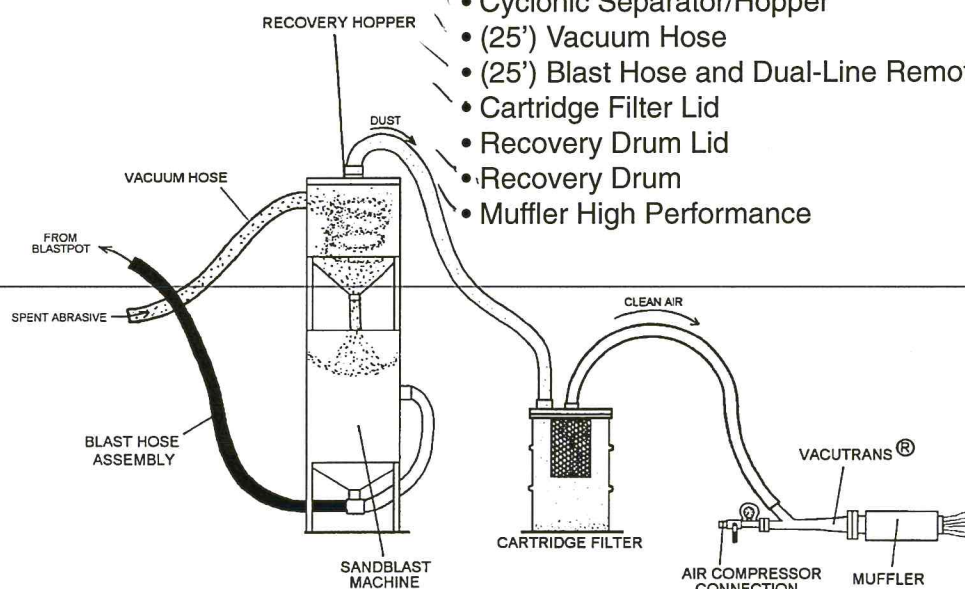


Part Number**IMC #****Components**

800001

BNVI-205

- Single *Vacutrans* 100® CFM
- 3 1/2 ft.³ Pressure Vessel
- Cyclonic Separator/Hopper
- (25') Vacuum Hose
- (25') Blast Hose and Dual-Line Remote Control Hose
- Cartridge Filter Lid
- Recovery Drum Lid
- Recovery Drum
- Muffler High Performance



**WORKHEAD
NOT
INCLUDED**

Part Number**IMC #****Components**

800002

BNVI-205E

- Same as BNVI-205, but substitute a 10-hp Blower for the *Vacutrans* 100®

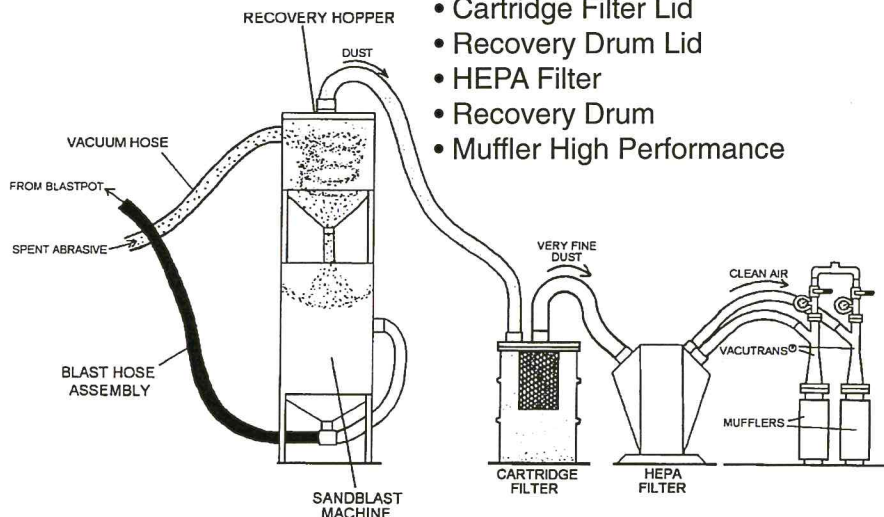
**WORKHEAD
NOT
INCLUDED**

Part Number**IMC #****Components**

800003

BNVI-405

- Double *Vacutrans*® 200 CFM each
- 3 1/2 ft.³ Pressure Vessel
- Cyclonic Separator/Hopper
- (25') Vacuum Hose
- (25') Blast Hose and Dual-Line Remote Control Hose
- Cartridge Filter Lid
- Recovery Drum Lid
- HEPA Filter
- Recovery Drum
- Muffler High Performance



**WORKHEAD
NOT
INCLUDED**

Part Number

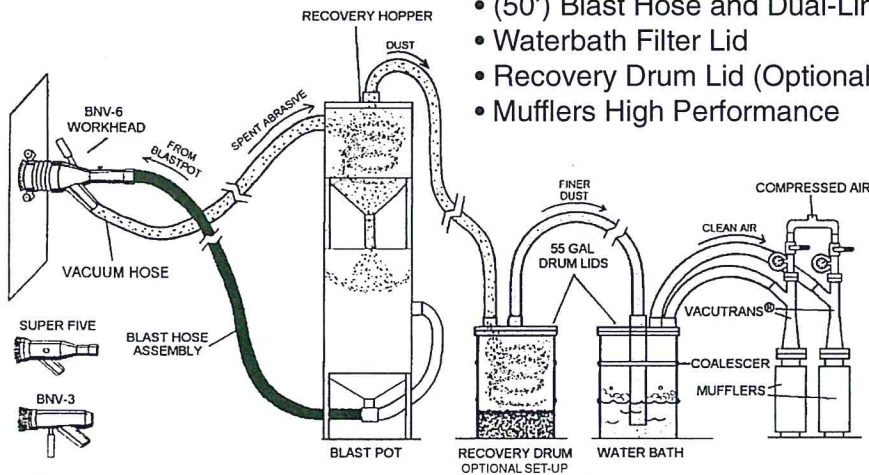
800010

IMC #

BNVS-605

Components

- Double *Vacutrans*® 200 CFM each
- 6 1/2 ft.³ Pressure Vessel
- Cyclonic Separator/Hopper
- # 3 Workhead with 1/4" Long Venturi Nozzle
- *Super Five*™ Workhead with 3/8 Long Venturi Nozzle
- # 6 Workhead with 3/8 Long Venturi Nozzle
- (50') Vacuum Hose
- (50') Blast Hose and Dual-Line Remote Control Hose
- Waterbath Filter Lid
- Recovery Drum Lid (Optional Set-Up)
- Mufflers High Performance

**Part Number**

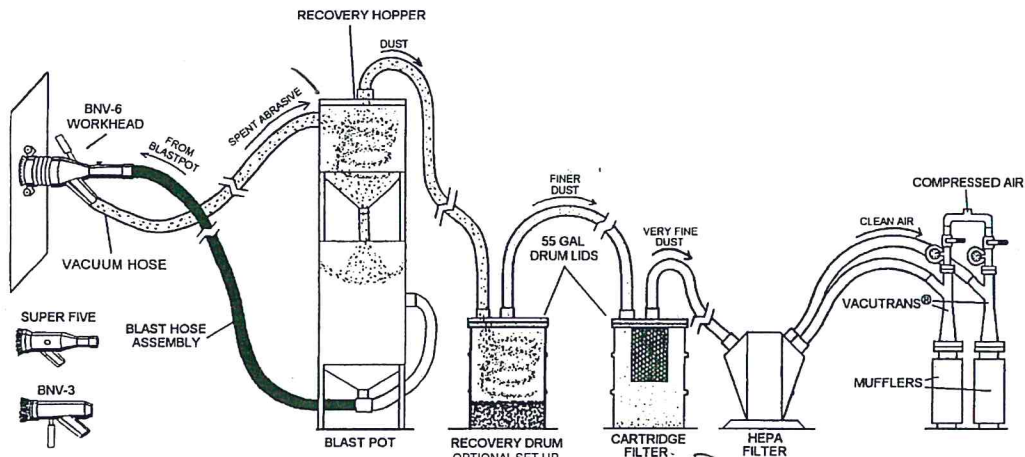
800011

IMC #

BNVS-605H

Components

- Double *Vacutrans*® 200 CFM each
- 6 1/2 ft.³ Pressure Vessel
- Cyclonic Separator/Hopper/Lid
- # 3 Workhead with 1/4" Long Venturi Nozzle
- *Super Five*™ Workhead with 3/8" Long Venturi Nozzle
- # 6 Workhead with 3/8" Long Venturi Nozzle
- (50') Vacuum Hose
- (50') Blast Hose and Dual-Line Remote Control Hose
- Cartridge Filter Lid — *DRUM*
- Recovery Drum Lid
- HEPA Filter
- Muffler High Performance



Electric Vacuum Options

(available for all Blast N' Vac® Systems requires use of cartridge filter assembly)

Part Number	IMC #	Components
800026	BV-10	10 hp Blower, 205/300 Series System
800027	BV-20	20 hp Blower, 600 Series System

Blast N' Vac® Workhead Kits

Part Number	Inventive Machine #
800038	B-226 (for BNV-2.5)

#2.5

Qty.	Part Number	IMC #	Description
6	800056	B-026	Center Tube
1	800098	B-054	Blast Hose Whip Assembly (1/2" x 12 1/2")
1	800046	B-125	Body with Bushing (Bushing #800066)
3	800070	B-250	Brush, Flat Outer
6	800071	B-255	Brush, Flat Inner
1	800074	B-2605	Brush Set, Inside Corner
1	800076	B-2705	Brush Set, Outside Corner
1	800093	B-567	Dual Line Extension
1	800060	B-T1064	#4 Nozzle, Short
1	800132	H-024	2 1/2" x 3" Adapter
1	800099	H-625	Blast Hose Whip Connector
1	800163	H-701	Vacuum Hose and Clamp (2 1/2" x 12 1/2")
1	800127	H-001	3" Hose Clamp
1	800136	H-051	2 1/2" Hose Clamp

Part Number	Inventive Machine #
800037	B-225 (for BNV-3)

#3

Qty.	Part Number	IMC #	Description
3	800057	B-023	Center Tube
1	800047	B-200	Body with Bushing (Bushing #800065)
1	800055	B-025	Handle
1	800061	B-104	#4 Nozzle, Long Venturi
3	800070	B-250	Brush, Flat Outer
6	800071	B-255	Brush, Flat Inner
1	800074	B-2605	Brush Set, Inside Corner
1	800076	B-2705	Brush Set, Outside Corner
1	800127	H-001	3" Hose Clamp

PLEASE NOTE: All nozzle holders are part of the blast hose whip assembly and are included in the 2.5 and Right Angle™ workhead kits. Nozzle holders are not included with any of the other workhead kits and must be purchased separately if you are not currently utilizing a Blast N Vac® workhead. Blast N Vac® workheads will not accept standard nozzle holders. See Workhead Parts on page 11.

Blast N' Vac® Workhead Kits

SUPER

#5

Part Number	Inventive Machine #
800041	B-230 (for <i>Super Five™</i>)

Qty.	Part Number	IMC #	Description
3	800059	B-006A	Center Tube
1	800055	B-025	Handle
1	800062	B-106	#6 Nozzle, Long Venturi
1	800050	B-215	Body with Bushing (Bushing #800065)
3	800072	B-256	Brush, Flat Outer
6	800073	B-257	Brush, Flat Inner
1	800075	B-2607	Brush Set, Inside Corner
1	800077	B-2707	Brush Set, Outside Corner
1	800127	H-001	3" Hose Clamp
1	800081	B-030	Wear Sleeve - Vac Port

Part Number	Inventive Machine #
800039	B-228 Standard #5 Workhead

STD. #5

Qty.	Part Number	IMC #	Description
1	800055	B-025	Handle
1	800063	B-105SV	Nozzle, #5 Short Venturi, Super Five
1	800050	B-215	Workhead Body (800065 bushing)
3	800072	B-256	Brush, Flat Outer
6	800073	B-257	Brush, Flat Inner
1	800075	B-2607	Brush Set, Inside Corner
1	800077	B-2707	Brush Set, Outside Corner
1	800127	H-001	Clamp
1	800081	B-030	Wear Sleeve Vacuum Port

Part Number	Inventive Machine #
800040	B-229 (for <i>Right Angle™</i>)

#RA

Qty.	Part Number	IMC #	Description
1	800098	B-054	Blast Hose Whip Assembly (1/2" x 12 1/2")
1	800045	B-120	Body (No Bushing Used)
3	800070	B-250	Brush, Flat Outer
6	800071	B-255	Brush, Flat Inner
1	800093	B-567	Dual Line Extension
1	800064	B-090	#4 Nozzle, Right Angle
1	800099	H-625	Blast Hose Coupler
1	800162	H-201	Vacuum Hose and Clamp
1	800137	H-056	2" Hose Clamp

PLEASE NOTE: All nozzle holders are part of the blast hose whip assembly and are included in the 2.5 and *Right Angle™* workhead kits. Nozzle holders are not included with any of the other workhead kits and must be purchased separately if you are not currently utilizing a *Blast N Vac®* workhead. *Blast N Vac®* workheads will not accept standard nozzle holders. See Workhead Parts on Page #11.

Part Number	Inventive Machine #
800036	B-224 (for BNV-4)

#4

Qty.	Part Number	IMC #	Description
3	800058	B-006	Center Tube
1	800048	B-100	Body with Bushing (Busihing #800065)
1	800061	B-104	#4 Nozzle, Long Venturi
6	800078	B-280	Brush
1	800127	H-001	3" Hose Clamp
1	800081	B-030	Wear Sleeve - Vac Port

Part Number	Inventive Machine #
800035	B-223 (for BNV-6)

#6

Same as 800036 (B-224), but substitute P/N 800062 (B-106), #6 Long Venturi Nozzle for P/N 800061 (B-104), #4 Long Venturi Nozzle.

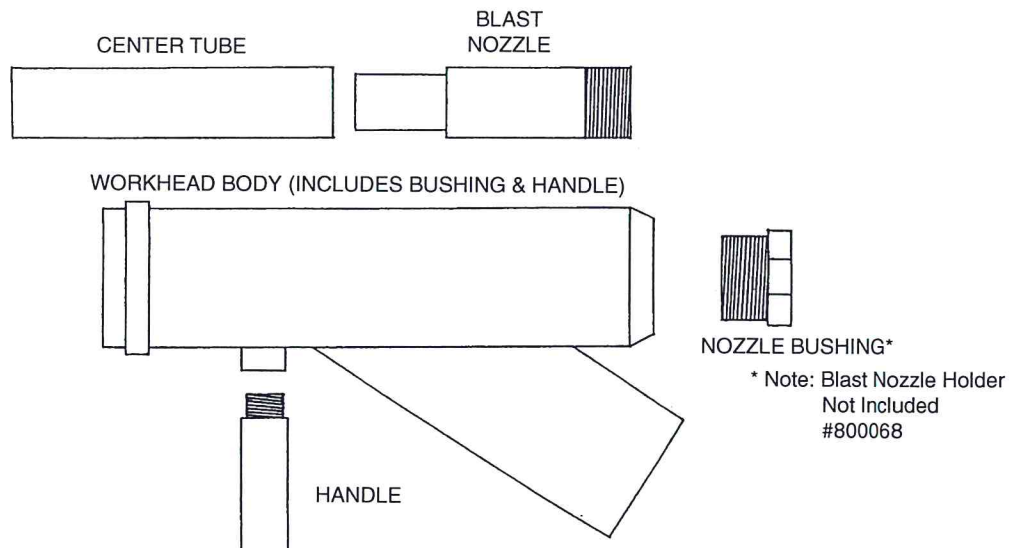
PLEASE NOTE: All nozzle holders are part of the blast hose whip assembly and are included in the 2.5 and Right Angle" workhead kits. Nozzle holders are not included with any of the other workhead kits and must be purchased separately if you are not currently utilizing a Blast N Vac® workhead. Blast N Vac® workheads will not accept standard nozzle holders. See Workhead Parts on page 11.

WORKHEAD SPECIFICATIONS



	BNV-2.5 WORKHEAD PART NO. B-125	BNV-3 WORKHEAD PART NO. B-200	BNV-5 WORKHEAD PART NO. B-216	BNV-4 WORKHEAD PART NO. B-100	BNV-6 WORKHEAD PART NO. B-100
Nozzle Size/Type:	1/4" Short Venturi	1/4" Long Venturi	5/16" Short Venturi	1/4" Long Venturi	3/8" Long Venturi
Blast Pattern Size:	1" Diameter	1 3/8" Diameter	3" Diameter	2 1/4" Diameter	2 1/4" Diameter
Workhead Width:	3"	3"	4"	6" x 10"	6" x 10"
Workhead Length:	5"	13"	15"	21"	21"
Workhead Weight:	1 lb.	3 lbs.	4 lbs.	6 1/2 lbs.	6 1/2 lbs.
Blast Hose ID:	1/2"	3/4"	3/4"	3/4"	3/4"
Vacuum Hose ID:	2 1/2"	3"	3"	3"	3"

TYPICAL WORKHEAD ASSEMBLY

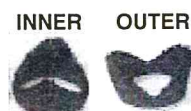


Blast N' Vac® Workhead Parts

Part Number	IMC #	Description
800065	B-040	Bushing - All Workheads except BNV-2.5
800066	B-041	Bushing - BNV-2.5
800068	B-201	Nozzle Holder - BNV-3, BNV-4, BNV-5, BNV-6 Workhead
800067	B-198	Nozzle Holder - BNV-2.5, <i>Right Angle™</i> Workhead
800060	B-T1064	#4 Nozzle, Short Tungsten Carbide
800064	B-090	#4 Nozzle, 90°, Tungsten Carbide
800061	B-104	#4 Nozzle, Long Venturi, Silicon Carbide
800063	B-105SV	#5 Nozzle, Short Venturi, Silicon Carbide
800062	B-106	#6 Nozzle, Long Venturi, Silicon Carbide
800045	B-120	Body Assembly - <i>Right Angle™</i> Workhead
800046	B-125	Body Assembly BNV-2.5
800047	B-200	Body Assembly BNV-3
800050	B-215	Body Assembly - <i>Super Five™</i>
800049	B-216	Body Assembly BNV-5
800048	B-100	Body Assembly BNV-4 and BNV-6
800051	B-001	Upper Body BNV-4 and BNV-6
800052	B-080	Lower Body BNV-4 and BNV-6 - Includes Wheels
800053	B-011	Bellows Assembly BNV-4 and BNV-6
800079	B-501	Brush Spacer BNV-4 and BNV-6
800054	B-070	Replacement Wheel Kit BNV-4 and BNV-6
800055	B-025	Handle BNV-3, BNV-5, and <i>Super Five™</i> Workheads
800080	B-029A	Wear Sleeve BNV-5 Vacuum Port (Aluminum)
800081	B-030	Wear Sleeve BNV-4 and BNV-6 Vacuum Port (Aluminum)
800082	B-170	Wear Sleeve BNV-3 (Stainless Body)
800083	B-172	Wear Sleeve BNV-5 and <i>Super Five™</i> (Stainless Body)

Brushes for BNV-2.5, BNV-3, and Right Angle™ Workheads

800070	B-250	Brush, Flat Outer
800071	B-255	Brush, Flat Inner
800074	B-2605	Brush Set, Inside Corner (Inner and Outer Brushes)
800076	B-2705	Brush Set, Outside Corner (Inner and Outer Brushes)



Brushes for BNV-5, and Super Five™ Workheads

800072	B-256	Brush, Flat Outer
800073	B-257	Brush, Flat Inner
800075	B-2607	Brush Set, Inside Corner (Inner and Outer Brushes)
800077	B-2707	Brush Set, Outside Corner (Inner and Outer Brushes)

#5



Brush for BNV-4 and BNV-6 Workheads

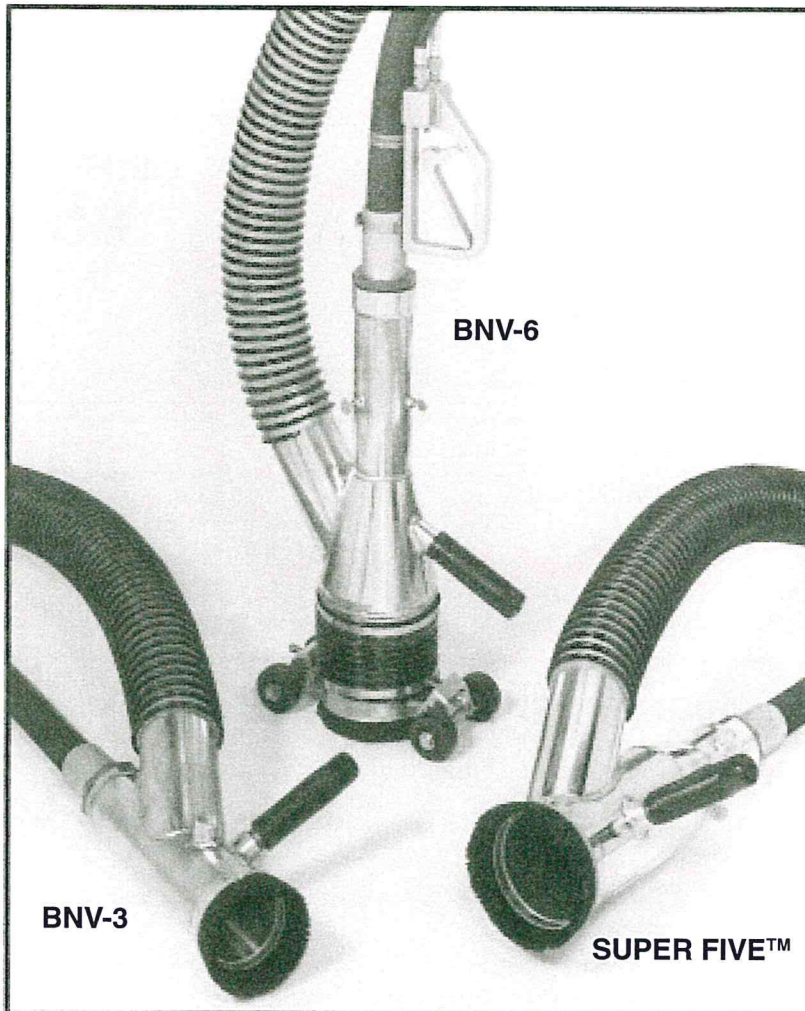
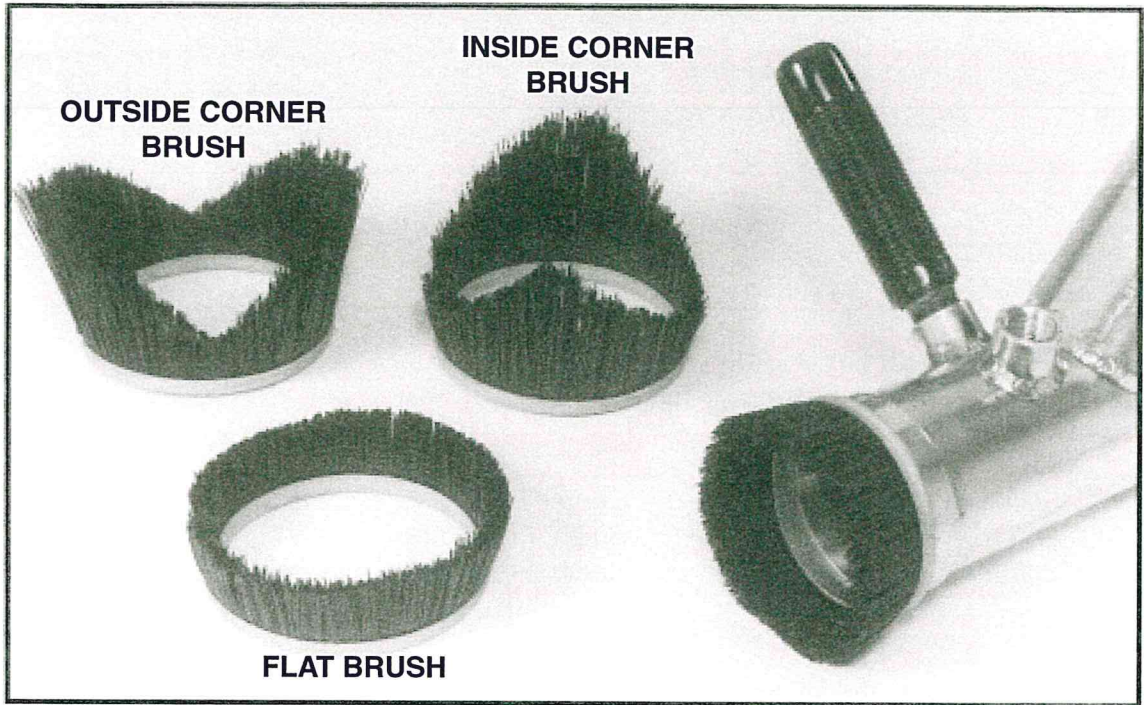
800078	B-280	Brush
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Center Tubes Workheads

800058	B-006	Center Tube, BNV-4 and BNV-6 Workheads
800059	B-006A	Center Tube, <i>Super Five™</i> Workhead
800057	B-023	Center Tube, BNV-3 Workhead
800056	B-026	Center Tube, BNV-2.5 Workhead

*****Center Tubes prevent premature wear to the workhead body and focus blast pattern*****

BNV-3 WITH BRUSHES



Blast N Vac® 25-Hour Consumable Parts Kits

Part Number **Inventive Machine #**
800086 B-251 (for BNV-2.5 Workhead)

#2.5

Qty.	Part Number	IMC #	Description
8	800056	B-026	Center Tube
7	800070	B-250	Brush, Flat Outer
14	800071	B-255	Brush, Flat Inner

Part Number **Inventive Machine #**
800089 B-253 (for BNV-3 Workhead)

#3

Qty.	Part Number	IMC #	Description
8	800057	B-023	Center Tube
7	800070	B-250	Brush, Flat Outer
14	800071	B-255	Brush, Flat Inner

Part Number **Inventive Machine #**
800087 B-252 (for BNV-5 Workhead)

#5

Qty.	Part Number	IMC #	Description
7	800072	B-256	Brush, Flat Outer
14	800073	B-257	Brush, Flat Inner

Part Number **Inventive Machine #**
800088 B-252S5 (for Super Five™ Workhead)

**SUPER
#5**

Qty.	Part Number	IMC #	Description
6	800059	B-006A	Center Tube
7	800072	B-256	Brush, Flat Outer
14	800073	B-257	Brush, Flat Inner

Part Number **Inventive Machine #**
800090 B-254 (for BNV-4 and BNV-6 Workheads)

#4

Qty.	Part Number	IMC #	Description
6	800058	B-006	Center Tube
14	800078	B-280	Brush

Blast N Vac® 10-Hour Consumable Parts Kit

Part Number **Inventive Machine #**
800085 B-246 (for Right Angle™ Workhead)

RA

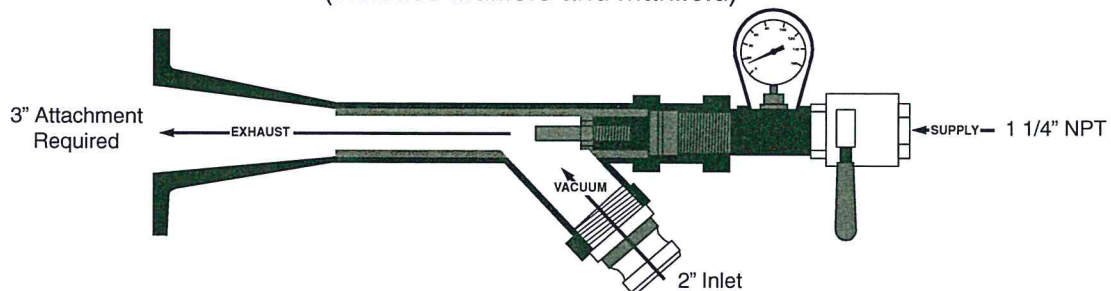
Qty.	Part Number	IMC #	Description
3	800070	B-250	Brush, Flat Outer
6	800071	B-255	Brush, Flat Inner
1	800064	B-090	#4 Nozzle, 90°, Tungsten Carbide

Blast N' Vac® Hoppers, Drum Lids, and Filters

Part Number	IMC #	Description
800119	A-436	Pressure Vessel Storage Top
800169	L-000	Pressure Vessel Cover – 24" dia.
800121	B-355	Recovery Hopper, 6 ft. ³
800170	L-303	Recovery Hopper Lid Assembly
800266	B-350	Recovery Hopper 3.5 ft. ³ (Lid Not Required)
820028	L-302	Recovery Hopper Lid Assembly
800152	L-322	Drum Transfer Lid Ass'y. (2" Inlet, 2" Outlet)
800153	L-332	Drum Transfer Lid Ass'y. (3" Inlet, 2" Outlet)
800154	L-333	Drum Transfer Lid Ass'y. (3" Inlet, 3" Outlet)
800155	L-334	Drum Transfer Lid Ass'y. (3" Inlet, (2) 2" Outlets)
800156	L-422	Water Bath Filter Assembly (Single <i>Vacutrans</i> ®)
800157	L-444	Water Bath Filter Assembly (Double <i>Vacutrans</i> ®)
800164	A-350	Water Bath Filter Pad & Frame Assembly (55 gal. Drum)
800165	R-240	Water Bath Filter Pad
800166	R-432	(35') Lid Gasket Tape
800236	L-522W	Cartridge Filter Assembly (Single <i>Vacutrans</i> ®) - Washable
800158	L-522	Cartridge Filter Assembly (Single <i>Vacutrans</i> ®)
800159	L-544	Cartridge Filter Assembly (Double <i>Vacutrans</i> ®)
800167	CF-131	Replacement Cartridge Filter - Paper
800168	CF-131PP	Washable Replacement Cartridge Filter - Polyester
800207	VFH-601	HEPA Filter Assembly (Single <i>Vacutrans</i> ®)
800208	VFH-601-2	HEPA Filter Assembly (2" Inlet, 2" Outlet)
800209	VFH-602	HEPA Filter Assembly (Double <i>Vacutrans</i> ®)
800205	VFH-2412	Replacement HEPA Filter Cartridge
800206	VFH-242	2" Prefilter for HEPA Filter
800232	VFH-602-3	HEPA with 3" In/Out

VacuTrans® Venturi Units

Part Number	IMC #	Components
800021	V-150	<i>Vacutrans</i> ® (200 cfm)
800020	V-075	<i>Vacutrans 100</i> ® (100 cfm)
800022	V-400	<i>Vacutrans</i> ® Double V-150 (Cart-Mounted, 400 cfm, 3" Vacuum Port) (includes mufflers and manifold)

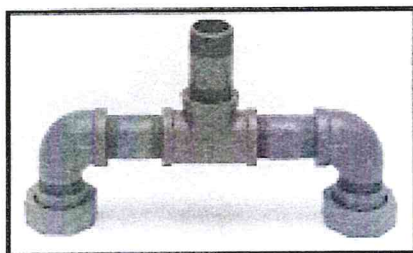


VacuTrans® Components

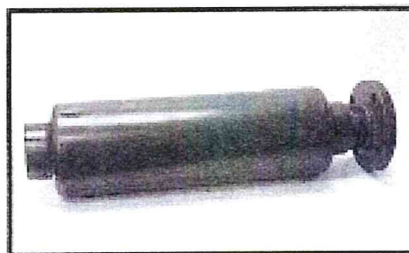
Part Number	IMC #	Description
800190	V-015	100 cfm Nozzle with Vinyl Cover
800197	V-225	200 cfm Nozzle Tip with Rubber Cover
800202	V-241	Nozzle Tip Cover (Quantity = 5)
800192	V-210	<i>Vacutrans</i> ® Nozzle Holder Casting
800193	V-215	<i>Vacutrans</i> ® Venturi Body Casting
525332	V-219	Ceramic Liner Washer
800195	V-221	Replacement Ceramic Liner
550242	V-230	Pressure Gauge (O-160 PSI)
800199	V-235	Gauge Mount
546332	V-236	1-1/4" Nipple
518502	V-240	Ball Valve (one per <i>Vacutrans</i> ®) 1-1/4"
800191	V-145	Leg Assembly

Blast N' Vac®/ VacuTrans® Accessories

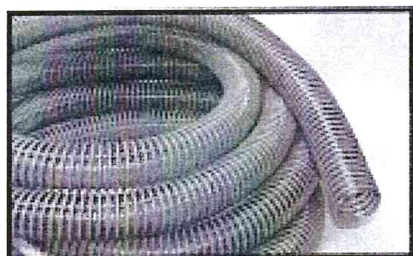
Part Number	IMC #	Description
800030	A-100	Manifold Kit (connects air supply <i>Vacutrans</i> ®)
800031	A-230	Hand Tool Manifold (for shrouded power tools)
800032	A-232	Hand Tool Manifold Kit (includes (2) 1 1/2" x 50' Hose)
800117	A-420	<i>Vacutrans</i> ® Discharge Hose Attachment (for 3" ID Hose)
800118	A-425	High Performance Noise Muffler (Drum Transfer, only)
800116	A-400	Clean-up Accessory Kit (includes items below)
800102		• Floor Brush Tool – 2"
800105		• Crevice Tool – 2"
800143		• 2" x 50' <i>Vacutrans</i> ® Hose
800134		• 3" Camlock Adapter
800107		• 2" Carburetor
800104		• 2" Wand and Gulper (820012 Gulper Head & #800100 Wand)



MANIFOLD KIT - 800030



NOISE MUFFLER - 800118



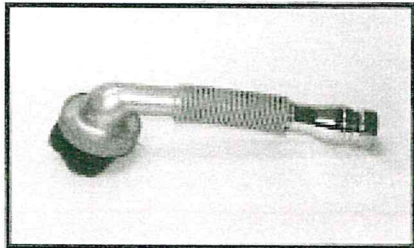
ABRASIVE RESISTANT HOSE



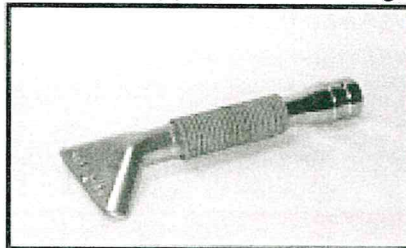
DISCHARGE HOSE
ATTACHMENT - 800117

VacuTrans® Work Tools

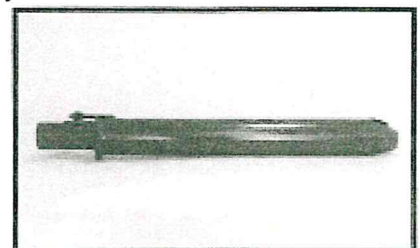
Part Number	IMC #	Description
800100	A-455	2" Wand
800101	A-459	2" Small Brush Tool
800102	A-460	2" Floor Brush Tool with Wand
800103	A-464	2" Small Gulper Tool
800104	A-465	2" Floor Gulper with Wand (P/N 820012 - Gulper Head) (P/N 800100 - Wand)
800177	R-466	Brass Wear Plate (for Floor Gulper)
800105	A-470	2" Crevice Tool
800106	A-474	2" Short Carburetor Pick-up Probe (Stainless)
800107	A-475	2" Long Carburetor Pick-up Probe (Stainless)
800108	A-480	3" Long Carburetor Pick-up Probe (Double <i>VacuTrans</i> ®)
800109	A-481	2" Shovel Hopper, Self-Feeding, Adjustable Feed



SMALL BRUSH TOOL
800101



SMALL GULPER TOOL
800103



CARBURETOR
800107

Blast N' Vac®/ VacuTrans® Abrasive Resistant Hose

Part Number	IMC #	Description
800140	H-150	1 1/2" x 50' Hand Tool Vacuum Hose
800142	H-225	2" x 25' <i>VacuTrans</i> ® Hose
800143	H-250	2" x 50' <i>VacuTrans</i> ® Hose
800141	H-210	2" x 100' <i>VacuTrans</i> ® Hose
800146	H-325	3" x 25' <i>VacuTrans</i> ® Hose
800147	H-350	3" x 50' <i>VacuTrans</i> ® Hose
800145	H-310	3" x 100' <i>VacuTrans</i> ® Hose
800144	H-301	3" x 50' <i>Blast N' Vac</i> ® Hose
800148	HJ-206	2" x 6' <i>Blast N' Vac</i> ® Jumper Hose with Camlocks
800149	HJ-308	3" x 8' <i>Blast N' Vac</i> ® Jumper Hose with Camlocks
850208	—	2" Black Rubber (Per Ft.)

Hose Assemblies

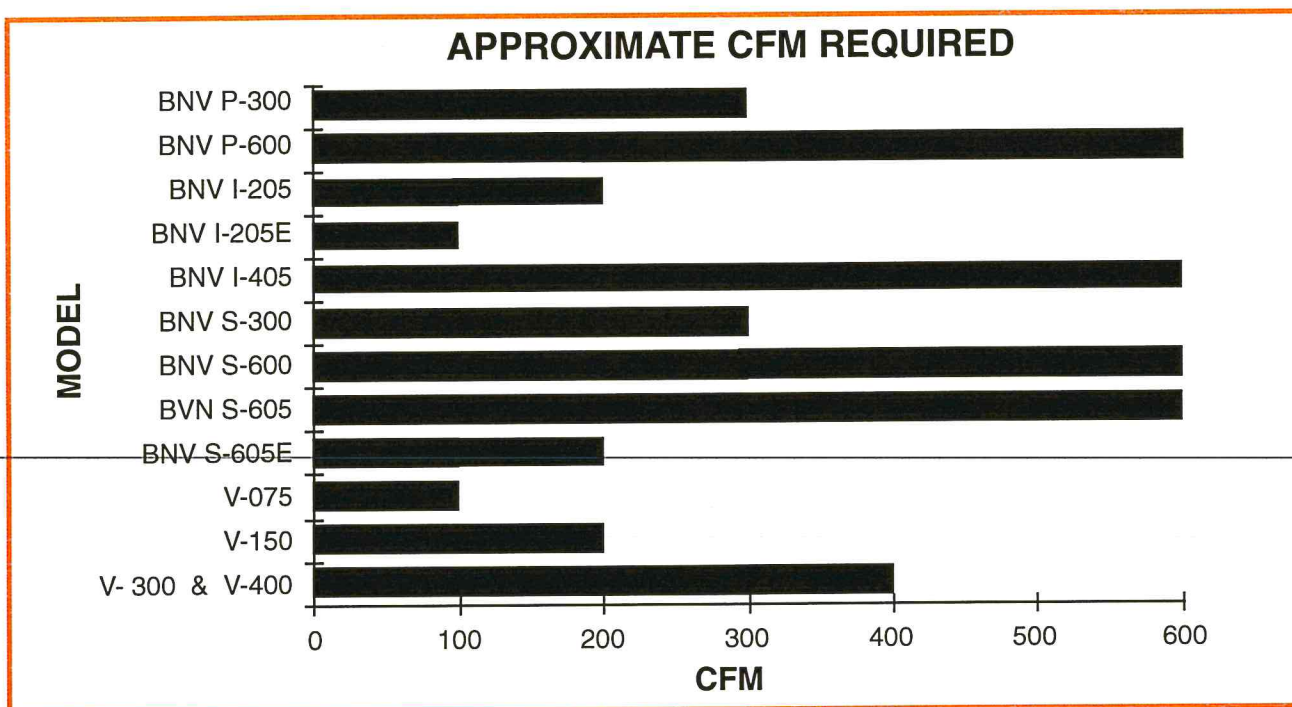
Part Number	IMC #	Description
800095	B-049	Blast Hose Whip Assembly (3/4" x 25')
800097	B-052	Blast Hose Whip Assembly (3/4" x 50')
800096	B-050	Blast Hose Whip Assembly (3/4" x 12 1/2')
800098	B-054	Blast Hose Whip Assembly (1/2" x 12 1/2')
		(* NOTE - All Whip Assemblies use BNV Nozzle Holder)
800068	B-201	Blast Nozzle Holder (BNV only) for 3/4" Blast Hose
800150	VBR-25	25' Hose Extension Kit (Vacuum, Blast & Dual Line Hose)
800151	VBR-50	50' Hose Extension Kit (Vacuum, Blast & Dual Line Hose)
521892	B-565	55' Dual Line Hose
800093	B-567	12 1/2 Ft. Dual Line Hose
800162	H-201	Vacuum Hose and Clamp (for <i>Right Angle</i> ™ Workhead)
800163	H-701	Vacuum Hose and Clamp (for BNV-2.5 Workhead)
800144	H-301	Vacuum Hose (for Workhead #3 - #4 - #5 - #6)
80009	H-625	Blast Hose to Whip Connector

Hose Connectors

Part Number	IMC #	Description
800128	H-002	2" Hose Mender (Barbed Steel)
800129	H-003	3" Hose Mender (Barbed Steel)
800132	H-024	2 1/2" x 3" Hose Mender (Barbed Steel)
800133	H-026	3" x 2" Hose Mender (Barbed Steel)
800137	H-056	2" Hose Clamp (Stainless Steel)
800136	H-051	2 1/2" Hose Clamp (Stainless Steel)
800127	H-001	3" Hose Clamp (Stainless Steel)
800135	H-032	3" x 2" Pipe Connector (2" MPT x 3" Barb)
800130	H-012	2" Camlock Set (Connects Hose to Lid)
800131	H-013	3" Camlock Set (Connects Hose to Lid)
800134	H-026CL	3" to 2" Camlock Reducer
800138	H-074	2" Camlock Set (Connects Hose to Hose)
800139	H-076	3" Camlock Set (Connects Hose to Hose)

Pressure Vessel Parts

Part Number	IMC #	Description
800124	B-561	Regulator Repair Kit (Watts)
290164	B-556	Remote Control Switch (Deadman)
800120	B-324	6" Caster Kit, 300 & 600 System Frames
800185	SB-100	Pressure Vessel Vibrator Kit
518352		Repair Kit, 1" Aquamatic Air Valve
518362		Repair Kit, 1 1/4" Aquamatic Air Valve
525802		7/8" Metering Tube
523592		3/4" Metering Tube = STO =
561422		O-Ring Set, Grit Valve
525002		Diaphragm Gasket, Grit Valve
525012		Diaphragm, Grit Valve
290164		Saf-Stop Pneumatic Remote Control
290166		Sure - Stop PRC



BREAKDOWN OF COMPRESSED AIR REQUIREMENTS:

BLASTING CFM:

- #4 Nozzle requires 85cfm @ 100psi of compressed air
- #5 Nozzle requires 140cfm @ 100psi of compressed air
- #6 Nozzle requires 200cfm @ 100psi of compressed air

RECOVERY CFM:

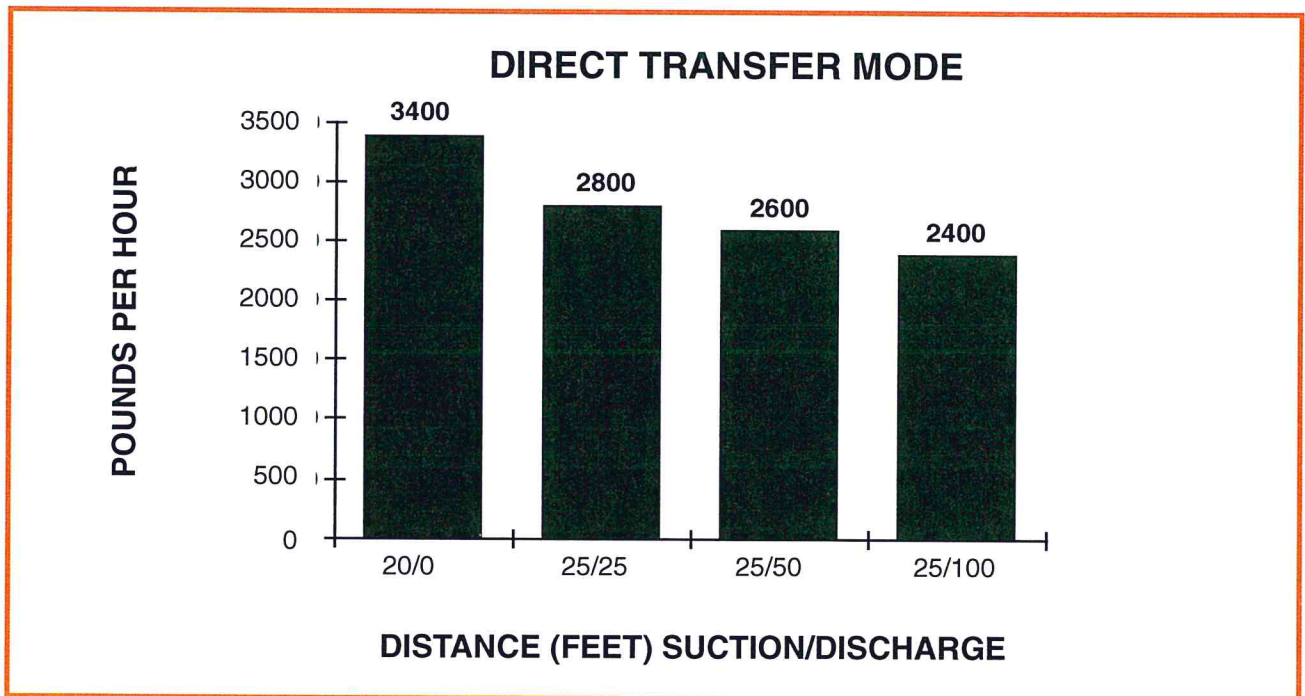
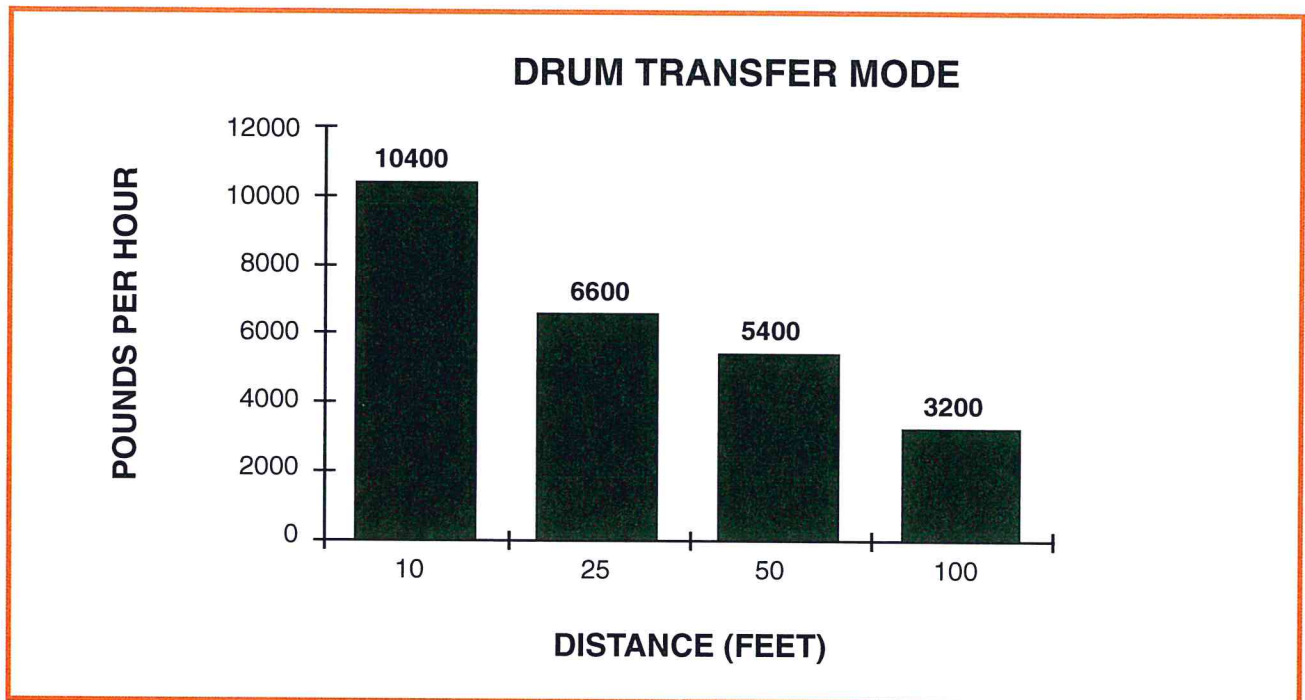
- Single V-075 **Vacutrans**® 100cfm @ 100psi of compressed air
- Single V-150 **Vacutrans**® 200cfm @ 100psi of compressed air

DIMENSIONS (APPROXIMATE)

MODEL	BNVI-205	BNVI-205E	BNVI-405	BNVS-300	BNVS-600	BNVS-605	BNVS-605H
WEIGHT	795 lbs.	1,000 lbs.	1,050 lbs.	1,075 lbs.	1,200 lbs.	1,200 lbs.	1,375 lbs.
HEIGHT Hopper/ Storage UNMOUNTED	50 in.	50 in.	50 in.	57 in.	57 in.	57 in.	57 in.
HEIGHT Hopper/ Storage MOUNTED	87 in.	87 in.	87 in.	—	—	112 in.	117 in.
LENGTH	55 in.	70 in.	80 in.	60 in.	60 in.	60 in.	60 in.
WIDTH	32 in.	32 in.	32 in.	48 in.	48 in.	48 in.	48 in.

PACKAGE WEIGHT: BNVP-300260 lbs.
BNVP-600330 lbs.

Vacutrans Transfer Rates



DRY SAND

MATERIAL SUPPLY: 100 lbs./cu. ft.

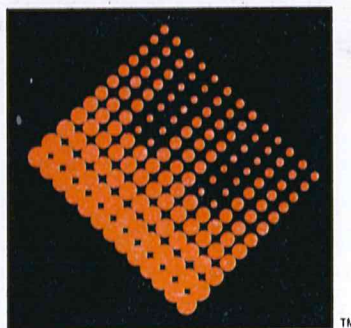
AIR SUPPLY: 200 cfm @ 100 psi

NOTES:





BNVPG6085C



EMPIRE
ABRASIVE EQUIPMENT

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