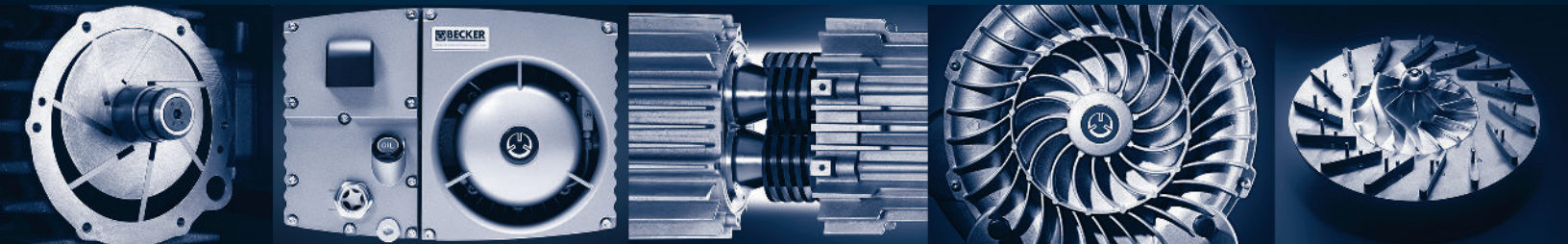


INDUSTRIAL CENTRAL VACUUM SYSTEMS



Advantage-D/X System



Becker Advantage Systems

Advantage-C

Hook and Claw Technology Central Vacuum Systems

The Advantage-C version offers Oil-less and Touch-less vacuum pumps with vacuum levels up to 28" Hg.

Advantage-D

Dry Central Vacuum Systems

The Advantage-D version offers our superior dry running long life carbon vanes for low maintenance and no oil discharge.

Advantage-X

Extended-Life Dry Central Vacuum Systems

The Advantage-X version offers an extended life dry vane pump with 20,000 hour vane life. These vanes are exclusive to Becker pumps and insure low cost maintenance.

Advantage-L

Lubricated Central Vacuum Systems

The Advantage-L version offers our oil-lubricated rotary vane pumps for deep draw vacuum up to 29.9" Hg.

Advantage-S

Space Saver Vacuum Systems

The Advantage-S Space Saver Vacuum Systems offer a compact footprint for installations where space is limited. Included are models 100 through 300 in Simplex and Duplex configuration for all system types Becker offers.

Advantage-W

Oil-Less Dry Vane Vacuum Systems

The Advantage-W version is specifically designed to create superior hold down force in the woodworking and plastic router market with vacuum levels to 27" Hg.

Becker is the only manufacturer to offer a 3-year warranty on all systems¹

Features & Benefits¹

- Air Cooled – No Water
- Compact
- Convenient Service Points – Low Maintenance
- Modular Design Makes Expandable Systems Available up to Sextuplex Configuration
- PLC Controlled with Timed Alternation
- Quiet
- Remote Alarm Relays
- Single Point Connections for Vacuum, Electrical & Discharge
- Vibration Free
- Touch Screen:
 - Alarm Log
 - Maintenance Reminders
 - Vacuum Level Bar Graph with Set Points
 - Pump Status Indicator
 - Remote Monitoring

Options¹

- Bypass Piping
- Discharge Manifold
- Tank Drain Assembly

¹ For Advantage-W Systems: Warranty is one year per Limited Warranty Terms; not all Features are available; and all Options are not available.



**Advantage-L
System**

Model Specifications

These charts display all of the Becker models that are currently available and their specifications. The flow is in SCFM and is shown at three separate vacuum levels: 0" Hg for open flow; 19" Hg for Dry Vane Systems; and 25" Hg for Lubricated Systems.

Advantage-C Hook and Claw Systems

MODEL	SCFM			Horsepower	Tank (Gallons)	Dimensions*		
	0" Hg	19" Hg	25" Hg			Length (in.)	Depth (in.)	Height (in.)
Horizontal Tank Mounted Simplex Systems								
ST100C	71	19.6	6.0	4	120	69.5	31.7	58.2
ST150C	106	29.7	10.2	5.4	120	69.5	31.7	58.2
ST300C	191	59.5	18.8	10	240	88	37.5	67.25
Horizontal Tank Mounted Duplex Systems								
DT100C	142	39.2	11.9	8	120	83.5	43.5	58.75
DT150C	212	59.4	20.4	10.8	120	83.5	43.5	58.75
DT300C	382	119	37.6	20	240	100.4	42.7	64.8
Modular/Expandable Duplex Systems								
DE100C	142	39.2	11.9	8	240	68	65.75	110
DE150C	212	59.4	20.4	10.8	240	68	65.75	110
DE300C	382	119	37.6	20	240	68	65.75	110
Modular/Expandable Triplex Systems								
TE100C	213	58.8	17.9	12	240	68	65.75	110
TE150C	318	89.1	30.6	16.2	240	68	65.75	110
TE300C	573	178.5	56.4	30	240	68	65.75	110
Modular/Expandable Quadruplex Systems								
QE100C	284	78.4	23.8	16	240	102	65.75	108
QE150C	424	118.8	40.8	21.6	240	102	65.75	110
QE300C	764	238	75.2	40	240	102	65.75	110

For Pentaplex and Sextuplex system performance, contact factory.
 Space Saver Systems available only in Simplex and Duplex configuration.
 Flows and vacuum levels are the same as described with standard Claw systems.

Advantage-S

MODEL	Space Saver Dimensions*			
	Tank	Length (in.)	Depth (in.)	Height (in.)
Horizontal Tank Mounted Simplex Systems				
ST100C	60	53.25	34	64.25
ST150C	60	53.25	34	64.25
ST300C	60	53.25	34	64.25
Horizontal Tank Mounted Duplex Systems				
DT100C	60	65.5	40.5	96
DT150C	60	65.5	40.5	96
DT300C	60	65.5	40.5	96



Advantage-C System

Advantage-L Lubricated Systems

MODEL	SCFM			Horsepower	Tank (Gallons)	Dimensions*		
	0" Hg	19" Hg	25" Hg			Length (in.)	Depth (in.)	Height (in.)
Horizontal Tank Mounted Simplex Systems								
ST21L	16	5.0	2.0	1.2	60	49	29	45
ST40L	28.8	10.5	3.2	2.4	60	49	29	45
ST70L	49	17.8	6.0	3	120	70	32	49
ST100L	71	25.8	9.2	5	120	70	32	49
ST165L	116	36.8	15.0	6.4	120	70	32	59
ST200L	141	44	17.9	8.9	120	70	32	59
ST300L	211	64	24.4	12.1	240	85	34	60

Horizontal Tank Mounted Duplex Systems								
DT21L	32	9.9	4.0	2.4	60	61	30	50
DT40L	57.6	21	6.4	4.8	60	61	30	50
DT70L	98	35.6	12.1	6	120	82	32	55
DT100L	142	51.6	18.3	10	120	82	32	55
DT165L	232	73.6	29.9	12.8	120	88	38	55
DT200L	282	88	35.8	17.8	120	88	38	55
DT300L	422	128	52.8	24.2	240	100	44	62

Modular/Expandable Duplex Systems								
DE21L	32	9.9	4.0	2.4	120	48	54	91
DE40L	57.6	21	6.4	4.8	120	48	54	91
DE70L	98	35.6	12.1	6	120	56	54	91
DE100L	142	51.6	18.3	10	120	56	54	91
DE165L	232	73.6	29.9	12.8	240	68	66	109
DE200L	282	88	35.8	17.8	240	68	66	109
DE300L	422	128	52.8	24.2	240	68	66	109
DE400L	580	210	91.3	30	240	104	60	100
DE630L	880	320	132.1	50	240	104	60	100

Modular/Expandable Triplex Systems								
TE21L	48	14.9	6.1	3.6	120	48	54	91
TE40L	86.4	31.5	9.6	7.2	120	48	54	91
TE70L	147	53.4	18.1	9	120	56	54	91
TE100L	213	77.4	27.5	15	120	56	54	91
TE165L	348	110.4	44.9	19.2	240	68	66	109
TE200L	423	132	53.6	26.7	240	68	66	109
TE300L	633	192	79.2	30	240	68	66	109
TE400L	870	315	137.0	45	2x240	104	128	119
TE630L	1320	480	198.2	75	2x240	104	128	119

Modular/Expandable Quadruplex Systems								
QE21L	64	19.8	8.1	4.8	120	68	54	91
QE40L	115.2	42	12.8	9.6	120	68	54	91
QE70L	196	71.2	24.2	12	120	84	54	91
QE100L	284	103.2	36.7	20	120	84	54	91
QE165L	464	147.2	59.8	25.6	240	102	66	109
QE200L	564	176	71.5	35.6	240	102	66	109
QE300L	844	256	97.6	48.4	240	102	66	109
QE400L	1160	420	182.7	60	2x240	104	128	119
QE630L	1760	640	264.3	100	2x240	104	128	119

Advantage-S

Space Saver Dimensions*			
Tank	Length (in.)	Depth (in.)	Height (in.)
60	53.25	34	64.25
60	53.25	34	64.25
60	53.25	34	64.25
60	53.25	34	64.25

60	65.5	40.5	96
60	65.5	40.5	96
60	65.5	40.5	96
60	65.5	40.5	96

Advantage-L Lubricated Vertical Tank Mounted Systems

MODEL	SCFM			Horsepower	Tank (Gallons)	Dimensions*		
	0" Hg	19" Hg	25" Hg			Length (in.)	Depth (in.)	Height (in.)
Vertical Tank Mounted Simplex Systems								
ST10L-V	7.1	2.4	1.0	0.6	60	43.5	20	71
ST16L-V	11.2	3.6	1.4	0.9	60	43.5	20	71
ST21L-V	16	5.0	2.0	1.2	60	43.5	20	71
ST40L-V	28	10.5	5.7	2.4	60	43.5	20	71
ST70L-V	49.4	17.8	9.6	3	120	54	30	76

Vertical Tank Mounted Duplex Systems								
DT10L-V	7.1	2.4	1.0	0.6	60	45	23	78
DT16L-V	11.2	3.6	1.4	0.9	60	45	23	78
DT21L-V	16	5.0	2.0	1.2	60	45	23	78
DT40L-V	28	10.5	5.7	2.4	60	45	23	78
DT70L-V	49.4	17.8	9.6	3	120	55	35	85



Vertical Tank Mounted, Lubricated and Dry Systems

For Pentaplex and Sextuplex system performance, contact factory.

Space Saver Systems available only in Simplex and Duplex and only with pump models 100 thru 300.

Flows and vacuum levels are the same as described with standard Lubricated systems.

Advantage-D & X Dry Systems

MODEL ²	SCFM			Horsepower	Tank (Gallons)	Dimensions*		
	0" Hg	19" Hg	25" Hg			Length (in.)	Depth (in.)	Height (in.)

Horizontal Tank Mounted Simplex Systems								
ST25D/X	18	5.3	0.1	1.2	60	49	29	45
ST40D/X	28	8.3	0.1	2	60	49	29	45
ST60D/X	39	12.5	2.3	3	120	70	32	49
ST80D/X	48	15.4	2.6	5	120	70	32	49
ST100D/X	69	22.1	3.8	5	120	70	32	49
ST140D/X	95	30.4	16.3 ³	7.5	120	70	32	49
ST200D/X	130	41.4	21.8 ³	7.5	240	88	37	62
ST250D/X	173	55.4	33.1 ³	10	240	88	37	62

Horizontal Tank Mounted Duplex Systems								
DT25D/X3	36	10.6	0.1	2.4	60	61	30	47
DT40D/X3	56	16.5	0.2	4	60	61	30	47
DT60D/X3	78	25.0	4.7	6	120	87	32	55
DT80D/X3	96	30.8	5.2	10	120	87	32	55
DT100D/X3	138	44.2	7.5	10	120	87	36	55
DT140D/X3	190	60.8	32.5 ³	15	120	86	39	55
DT200D/X3	260	82.8	43.6 ³	15	240	100	52	62
DT250D/X3	346	110.8	66.2 ³	20	240	100	52	62

Modular/Expandable Duplex Systems								
DE25D/X4	36	10.6	0.1	2.4	120	48	54	91
DE40D/X4	56	16.5	0.2	4	120	48	54	91
DE60D/X4	78	25.0	4.7	6	120	56	54	91
DE80D/X4	96	30.8	5.2	10	120	56	54	91
DE100D/X4	138	44.2	7.5	10	120	56	54	91
DE140D/X4	190	60.8	32.5 ³	15	240	68	66	109
DE200D/X4	260	82.8	43.6 ³	15	240	68	66	109
DE250D/X4	346	110.8	66.2 ³	20	240	68	66	109
DE400D/X4	560	179.4	114.5 ³	30	240	Contact Factory		
DE500D/X	672	205.4	133.7 ³	48	2X240	Contact Factory		

Modular/Expandable Triplex Systems								
TE25D/X4	54	16.0	0.3	3.6	120	48	54	91
TE40D/X4	84	24.8	0.3	6	120	48	54	91
TE60D/X4	117	37.5	7.0	9	120	56	54	91
TE80D/X4	144	46.2	7.9	15	120	56	54	91
TE100D/X4	207	66.3	11.3	15	120	56	54	91
TE140D/X4	285	91.2	48.8 ³	22.5	240	68	66	109
TE200D/X4	390	124.2	65.3 ³	22.5	240	68	66	109
TE250D/X4	519	166.2	99.4 ³	30	240	68	66	109
TE400D/X4	840	269.1	171.7 ³	45	2x240	Contact Factory		
TE500D/X	1008	308.1	200.6 ³	72	2X240	Contact Factory		

Modular/Expandable Quadruplex Systems								
QE25D/X4	72	21.3	0.3	4.8	120	68	54	91
QE40D/X4	112	33.1	0.4	8	120	68	54	91
QE60D/X4	156	50	9.4	12	120	84	54	91
QE80D/X4	192	61.6	10.5	20	120	84	54	91
QE100D/X4	276	88.4	15.1	20	120	84	54	91
QE140D/X4	380	121.6	65	30	240	104	66	109
QE200D/X4	520	165.6	87.1	30	240	104	66	109
QE250D/X4	692	221.6	132.5	40	240	104	66	109
QE400D/X4	1120	358.8	228.9	60	2x240	Contact Factory		
QE500D/X	1344	410.8	267.5	96	2X240	Contact Factory		

For Pentaplex and Sextuplex system performance, contact factory.

Space Saver Systems available only in Simplex and Duplex and only with pump models 100 thru 250.

Flows and vacuum levels are the same as described with standard Dry and X Vane systems

² Substitute D or X

³ Performance stated at 22" Hg

Advantage-S

MODEL ²	Space Saver Dimensions*		
	Tank Length (in.)	Depth (in.)	Height (in.)

60	53.25	34	64.25
60	53.25	34	64.25
60	53.25	34	64.25
60	53.25	34	64.25

60	65.5	40.5	96
60	65.5	40.5	96
60	65.5	40.5	96
60	65.5	40.5	96

Advantage-D & X Dry Vertical Tank Mounted Systems

MODEL ²	SCFM			Horsepower	Tank (Gallons)	Dimensions*		
	0" Hg	19" Hg	25" Hg			Length (in.)	Depth (in.)	Height (in.)

Vertical Tank Mounted Simplex Systems								
ST10D/X-V	7	2.1	0.03	0.6	60	42.3	20	67
ST16D/X-V	11	3.3	0.04	0.94	60	42.3	20	67
ST25D/X-V	18	5.3	0.1	1.2	60	42.3	20	67
ST40D/X-V	28	8.3	0.1	2	60	42.3	20	67
ST60D/X-V	39	12.5	2.3	3	120	55	32	75
ST80D/X-V	48	15.4	2.6	5	120	55	32	75

Vertical Tank Mounted Duplex Systems								
DT10D/X-V	7	2.1	0.03	0.6	60	45	27	68
DT16D/X-V	11	3.3	0.04	0.94	60	45	27	68
DT25D/X-V	18	5.3	0.1	1.2	60	45	29	70
DT40D/X-V	28	8.3	0.1	2	60	45	29	70
DT60D/X-V	39	12.5	2.3	3	120	54	33	74
DT80D/X-V	48	15.4	2.6	5	120	54	33	74

² Substitute D or X

* These dimensions are for estimates of the overall system envelope and should not be depended on for installation details. The dimensions are subject to change without notice. **Contact the factory for certified dimensional drawings.**

Pentaplex and Sextuplex Systems are available as a factory standard design—contact the factory. Custom designed systems also available.

Becker Pumps Corp. reserves the right to alter data without notice.



Advantage-D/X System

MAKE IT BECKER.

Becker has been building Industrial Vacuum Systems in the U.S.A. for over 3 decades. And for more than 130 years, Becker has been building the highest quality vacuum pumps in the world. So it makes sense that **Becker systems with Becker pumps** are the most reliable and efficient systems in the world. With many types to choose from, whether lubricated or dry running, expandable or tank mounted, Becker has the right system for your application.

Reliable & Efficient Vacuum Pumps & Systems

- Quiet running
- Tank mounted models (vertical and horizontal)
- Expandable models (up to six pumps)
- Easy Installation
 - One electrical connection
 - One inlet connection
 - One discharge connection
 - Most fit through any 36" door
- Field serviceable, easy to maintain



**X-Series Extended
Life Dry Vane Pump**

Experienced & Personal Customer Service

- Phone calls always answered by a "live" person
- Experienced technical support
- Knowledgeable inside sales and customer service
- Fast turnaround time
- Factory trained in-house repair service
- Offer only Becker Genuine replacement parts
- Large inventory of pumps and parts with same day shipping available



At Becker Pumps Corp., we understand that breakdowns are costly due to lost production and maintenance downtime. We solve both of these problems and that's why we're recognized as the best vacuum pump solution in all the world.



Advantage-C



Advantage-L

**Vertical Tank
Mounted Systems**



Advantage-D/X



Advantage-W



Advantage-S

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