



**Reliability
Since 1921**

BIRO counter top Vacuum Tumblers are the tools you need to create value added marinated entrees for your customers. It only takes a few minutes to prepare a ready-to-cook meat or poultry batch by adding product and marinade/water solution to the tumbler. During the 20 minute (approximate) vacuum process, marinade spice mix is distributed throughout the massaged tenderized product so the customer tastes the juicy and tender full flavor of the penetrated, marinated product.

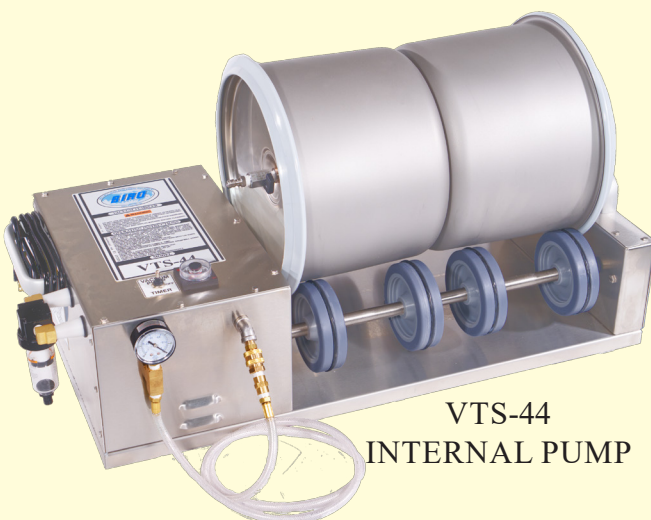
Color and eye appeal are enhanced, product yield is increased, and shelf life extended. When the batch is complete, it takes only a few minutes to empty the drum, wash the drum, and you are ready to process the next batch. Adding product value will give your profit margins a boost. BIRO offers a range of tabletop Tumblers with various drum capacities. See reverse side of this literature.



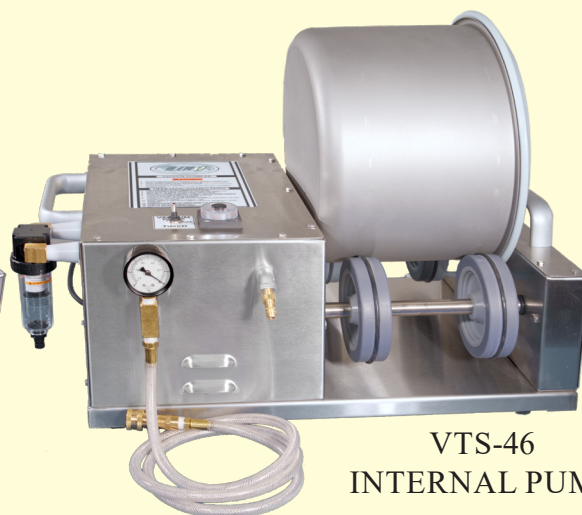
VTS-42
INTERNAL PUMP



VTS-43
REMOTE PUMP
SHOWN



VTS-44
INTERNAL PUMP

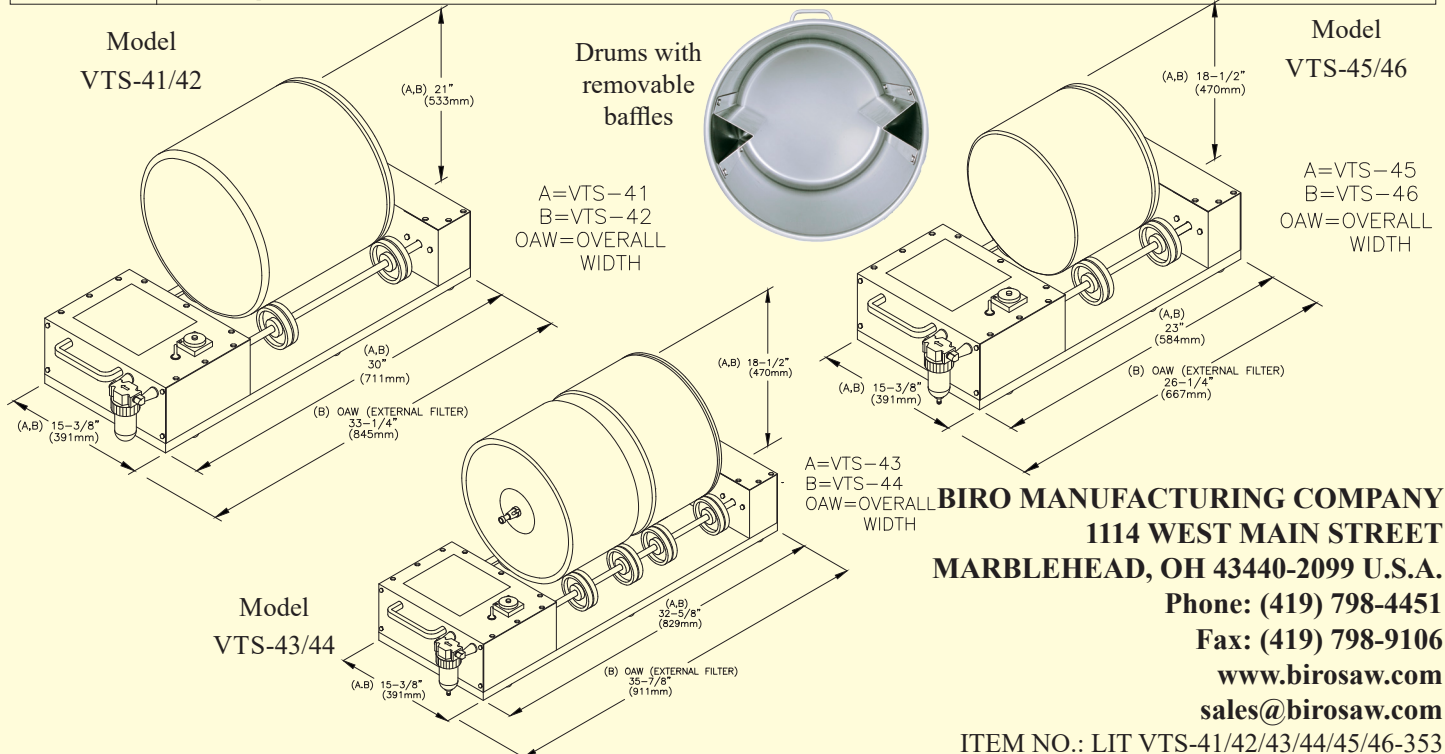


VTS-46
INTERNAL PUMP

VTS-41 / 42 / 43 / 44 / 45 / 46

MODEL SPECIFICATIONS

Models	VTS-41 REMOTE PUMP	VTS-42 INTERNAL PUMP	VTS-43 REMOTE PUMP	VTS-44 INTERNAL PUMP	VTS-45 REMOTE PUMP	VTS-46 INTERNAL PUMP											
Electrical	1/20HP (.04 kW), 115 Volts, 60 Hz, 1 Ph. 6' Cord & 3-Prong plug	1/20HP (.04 kW), 115 Volts, 60 Hz, 1 Ph. 5' Cord & 3-Prong plug	1/20HP (.04 kW), 115 Volts, 60 Hz, 1 Ph. 6' Cord & 3-Prong plug	1/20HP (.04 kW), 115 Volts, 60 Hz, 1 Ph. 5' Cord & 3-Prong plug	1/20HP (.04 kW), 115 Volts, 60 Hz, 1 Ph. 6' Cord & 3-Prong plug	1/20HP (.04 kW), 115 Volts, 60 Hz, 1 Ph. 5' Cord & 3-Prong plug											
Certifications	U.L.(115V - 60 Hz Only) & N.S.F.				N.S.F.												
Construction	Stainless steel except the thermoplastic wheels and silicone lid gaskets																
Motors	Models VTS-41/43/45 @ 115 Volts			Models VTS-42/44/46 @ 220 Volts													
	MOTOR	HP	KW	VOLTS	AMPS	HERTZ	PH	CODE	* for 220 volts a transformer is used to power 115 volt drive motor.								
	DRIVE	1/20	.04	115	.6	60	1	STD	MOTOR	HP	KW	VOLTS	AMPS	HERTZ	PH	CODE	
	PUMP	1/8	.09	115	4.2	60	1	STD	DRIVE	1/20	.04	115	.6	60	1	EC	
	Models VTS-42/44/46 @ 115 Volts									PUMP	1/8	.09	220	1.9	60	1	EC
	MOTOR	HP	KW	VOLTS	AMPS	HERTZ	PH	CODE	DRIVE	1/20	.04	115	.6	50	1	EC	
	DRIVE	1/20	.04	115	.6	60	1	STD	PUMP	1/8	.09	220	1.9	50	1	EC	
	PUMP	1/8	.09	115	4.2	60	1	STD	STD = Standard EC = Extra Cost								
Drum Information	40 lbs. (18 kg) Drum, Maximum 25 lbs. (11 kg) Optimum tumbling 14" I.D. x 16" OAL Approximately			Twin 20 lbs. (9.1 kg) Drum each, Maximum 15 lbs. (7 kg) Optimum tumbling each drum 12-5/32" I.D. x 8-15/16" OAL Approximately			20 lbs. (9.1 kg) Drum, Maximum 15 lbs. (7 kg) Optimum tumbling 12-5/32" I.D. x 8-15/16" OAL Approximately										
Vacuum Pump	1/8 HP (.09 kW) with filter on hose	1/8 HP (.09 kW) with external filter on case	1/8 HP (.09 kW) with filter on hose	1/8 HP (.09 kW) with external filter on case	1/8 HP (.09 kW) with filter on hose	1/8HP (.09 kW) with external filter on case											
Tumble Speed	Approximate 8 RPM																
Standard Features	6' Cord & 3 Prong plug for 115-60-1	5' Cord & 3 Prong plug for 115-60-1 5' Cord, No plug for 220-60-1 & 220-50-1	6' Cord & 3 Prong plug for 115-60-1	5' Cord & 3 Prong plug for 115-60-1 5' Cord, No plug for 220-60-1 & 220-50-1	6' Cord & 3 Prong plug for 115-60-1	5' Cord & 3 Prong plug for 115-60-1 5' Cord, No plug for 220-60-1 & 220-50-1											
	Extra filter element, Operating & Safety Manual																
Options (EC)	Variable speed 0-8 • Tumbler cart • Wood box		Variable speed 0-8 • Tumbler cart • Wood box		Variable speed 0-8 • Tumbler cart • Wood box												
		220-60-1 & 220-50-1		220-60-1 & 220-50-1		220-60-1 & 220-50-1											
Weight Packed Approx.	Base 58 lbs. (26.3 kg) Drum & Pump 37 lbs. (16.8 kg)	Base 70 lbs. (31.8 kg) Drum 20 lbs. (9.1 kg)	Base 63 lbs. (28.6 kg) 2-Drums 20 lbs. (9.1 kg) Pump 20 lbs. (9.1 kg)	Base 78 lbs. (35.4 kg) 2-Drums 20 lbs. (9.1 kg)	Base 58 lbs. (26.3 kg) Drum 10 lbs. (4.5 kg) Pump 20 lbs. (9.1 kg)	Base 71 lbs. (32.2 kg) Drum 10 lbs. (4.5 kg)											
Dimensions Packed	VTS-41 Base Carton: 39"L (990 mm) x 20" W (508 mm) x 12"H (305 mm) Drum & Pump Carton: 16"L (406 mm) x 16"W (406 mm) x 18"H (457 mm) VTS-42 Base Carton: 39"L (990 mm) x 20" W (508 mm) x 12"H (305 mm) Drum Carton: 16"L (406 mm) x 16"W (406 mm) x 18"H (457 mm) VTS-43 Base Carton: 39"L (990 mm) x 20" W (508 mm) x 12"H (305 mm) (2) Drum Carton: 14"L (356 mm) x 14"W (356 mm) x 21"H (533 mm) Pump Carton: 13"L (330 mm) x 11"W (279 mm) x 13"H (330 mm)			VTS-44 Base Carton: 39"L (990 mm) x 20" W (508 mm) x 12"H (305 mm) (2) Drum Carton: 14"L (356 mm) x 14"W (356 mm) x 21"H (533 mm) VTS-45 Base Carton: 39"L (990 mm) x 20" W (508 mm) x 12"H (305 mm) Drum Carton: 16"L (406 mm) x 16"W (406 mm) x 18"H (457 mm) Pump Carton: 13"L (330 mm) x 11"W (279 mm) x 13"H (330 mm) VTS-46 Base Carton: 39"L (990 mm) x 20" W (508 mm) x 12"H (305 mm) Drum Carton: 16"L (406 mm) x 16"W (406 mm) x 18"H (457 mm)													



All specifications contained herein are subject to change without notification.

Service is available from locations worldwide