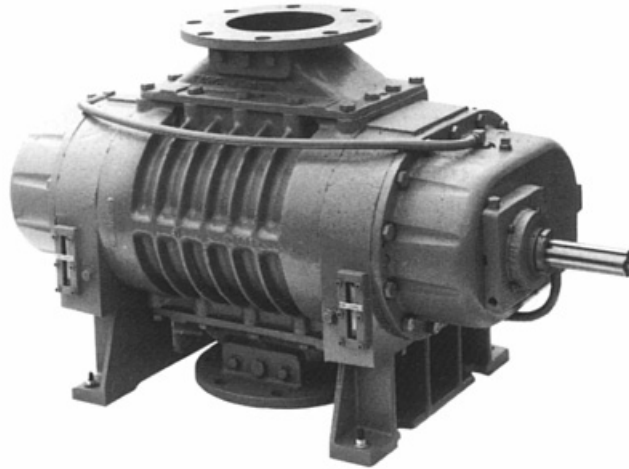


## Mechanical Vacuum Boosters

### WT Series



WT Booster

#### Description

The Busch WT Series Mechanical Vacuum Boosters are positive displacement, rotary lobe type vacuum boosters. They are used in series with vacuum pumps to increase pumping speed and to achieve greater vacuum. These boosters utilize a dry (oil-free), non-contacting pumping chamber design for clean, low maintenance service. They offer an economical approach to many vacuum applications.

#### Standard Features

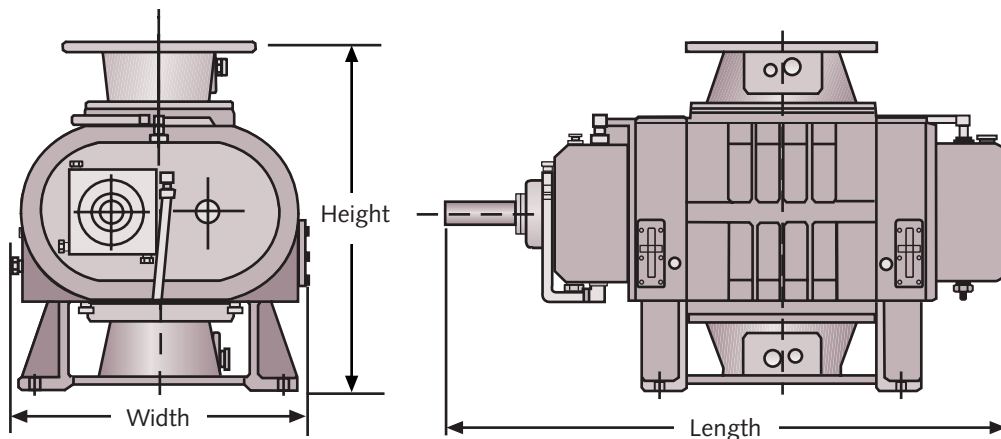
- Dry, non-contacting design
- Mechanical shaft seals
- Cooling coils or jacketed endplates (depending on model), for water cooling where necessary
- ANSI inlet and outlet flanges

#### Options

- Optional coatings
- NEMA C flange motor mounting
- Jacketed endplates for improved lubricant cooling
- Optional inlet and outlet flanges



Standard Specifications and Dimensions



Model	Max. Disp. (CFM)	Max Speed (RPM)	Min. Start up Power (HP)	Dimensions in Inches			Flange Size	Weight (LBS)
				Length	Width	Height		
WT0043	152	3600	2	18 <sup>5</sup> / <sub>8</sub>	10 <sup>3</sup> / <sub>4</sub>	13 <sup>1</sup> / <sub>4</sub>	2	140
WT0064	227	3600	3	20 <sup>5</sup> / <sub>8</sub>	10 <sup>3</sup> / <sub>4</sub>	14 <sup>7</sup> / <sub>8</sub>	3	160
WT0107	378	3600	3	24 <sup>5</sup> / <sub>8</sub>	10 <sup>3</sup> / <sub>4</sub>	14 <sup>7</sup> / <sub>8</sub>	4	180
WT0153	540	3600	5	27 <sup>1</sup> / <sub>16</sub>	12 <sup>1</sup> / <sub>2</sub>	15 <sup>1</sup> / <sub>2</sub>	4	200
WT0204	720	3600	5	30 <sup>1</sup> / <sub>16</sub>	12 <sup>1</sup> / <sub>2</sub>	15 <sup>1</sup> / <sub>2</sub>	4	220
WT0240	846	3600	10	29 <sup>3</sup> / <sub>16</sub>	17	20 <sup>1</sup> / <sub>2</sub>	6	380
WT0352	1242	3600	10	32 <sup>1</sup> / <sub>16</sub>	17	20 <sup>1</sup> / <sub>2</sub>	6	480
WT0449	1584	3600	10	35 <sup>1</sup> / <sub>16</sub>	17	20 <sup>1</sup> / <sub>2</sub>	6	575
WT0504	1779	3000	15	44 <sup>15</sup> / <sub>16</sub>	21 <sup>1</sup> / <sub>4</sub>	25 <sup>5</sup> / <sub>8</sub>	6	1050
WT0576	2034	3600	10	39 <sup>1</sup> / <sub>16</sub>	17	20 <sup>1</sup> / <sub>2</sub>	8	650
WT0625	2208	3000	10	45 <sup>1</sup> / <sub>16</sub>	17	20 <sup>1</sup> / <sub>2</sub>	10	810
WT0639	2256	3000	15	47 <sup>1</sup> / <sub>16</sub>	21 <sup>1</sup> / <sub>4</sub>	25 <sup>5</sup> / <sub>8</sub>	8	1150
WT0835	2949	3000	20	51 <sup>1</sup> / <sub>16</sub>	21 <sup>1</sup> / <sub>4</sub>	25 <sup>5</sup> / <sub>8</sub>	10	1300
WT1031	3642	3000	20	55 <sup>1</sup> / <sub>16</sub>	21 <sup>1</sup> / <sub>4</sub>	25 <sup>5</sup> / <sub>8</sub>	12	1450
WT1277	4509	3000	25	60 <sup>1</sup> / <sub>16</sub>	21 <sup>1</sup> / <sub>4</sub>	25 <sup>5</sup> / <sub>8</sub>	12	1600



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