

# WINGERT MIXERS

## *DURABILITY*

### *YOU CAN DEPEND ON*

#### Engineered for Performance

For more than three decades, the J.L. Wingert Company has been manufacturing durable and reliable liquid mixers for a variety of applications. Designed for ease of installation and the flexibility to conform, the complete line of Wingert Mixers offers a wide variety of mounts, motor selections, mixing elements and many installation-enhancing accessories. Whether you are blending liquids, suspending or dissolving solids, there is a dependable Wingert Mixer for every job.



**J.L. WINGERT CO.**

# HIGH SPEED (1725 RPM) GENERAL PURPOSE MIXERS

Wingert High Speed Mixers are well suited for applications with relatively low viscous liquids (1-500 cps) and tank sizes ranging from 30 to 500 gallons. With a variety of mountings, motor types, voltages and mixing elements, there is a suitable Wingert Mixer for every job.

- 1725 RPM
- Continuous duty
- Bracket, clamp, flange, thread or tank stand mount
- TEFC, open, variable speed, explosion proof or air powered motors
- Available with stainless steel impellers / propellers or neoprene impellers
- Factory wiring, topical coating, variable shaft lengths & other options available



# LOW SPEED (60 RPM) MIXERS

Wingert Low Speed Mixers are designed for mild blending applications with fluid viscosities ranging from 1-2000 cps and tank sizes from 30 to 1000 gallons. Durable 3" x 14" blending paddles, coupled with a 60 RPM gear-reduced motor, assure an even and low-shear blend.

- 60 RPM
- Continuous duty
- 1/4, 1/3, 1/2 horsepower
- Bracket, clamp, or tank stand mount
- TEFC, open, explosion proof or air powered motors
- Available with 1, 2, or 3 stainless steel impellers
- Factory wiring, topical coating, variable shaft lengths & other options available



# "WXL" (350 RPM) HEAVY DUTY MIXERS

Wingert "WXL" Series Mixers are ideal for blending or dissolving applications with fluid viscosities ranging from 1-2000 cps and tank sizes from 100 to 5,000 gallons. The 1/3 to 5 HP bracket or clamp mount "WXL" will handle even the most demanding mixing applications.

- 350 RPM
- Continuous duty
- 1/3, 1/2, 3/4, 1, 1 1/2, 2, 3, & 5 horsepower bracket mount styles
- 1/3, 1/2, 3/4, 1 & 1 1/2 horsepower clamp mount styles
- TEFC, explosion proof or air powered motors
- Available with single or dual stainless steel propellers
- Factory wiring, topical coating, variable shaft lengths & other options available

## MIXER SIZING GRAPH

To select the proper mixer horsepower and speed, follow the sizing graph below. For example: a 50 gallon tank at 100 cps would require a 1/4HP 1725 RPM mixer, and a 3,000 gallon tank at 500 cps would require a 1 1/2HP 350 RPM mixer.

FLUID VISCOSITY	TANK SIZE IN GALLONS			
	30	50	100	200
1 CPS	1/20HP	1/20HP	1/4HP	1/3HP
100 CPS	1/20HP	1/4HP	1/3HP	1/2HP
300 CPS	1/4HP	1/3HP	1/2HP	1HP
500 CPS	1/2HP	1HP	1/4HP	1/3HP
1000 CPS	1/4HP	1/3HP	1/2HP	1/3HP
2000 CPS	1/3HP	1/2HP	1/3HP	1/2HP
1725 RPM MIXERS		60 RPM MIXERS		

- NOTE: Use the above mixing graph for basic mixer sizing. Application or intended use may change manufacturer recommendations. Please consult factory on other than standard mixing applications.

# HOW TO ORDER

Wingert Mixers are easily ordered by designating the appropriate order code for each component selected. Find the appropriate mixer horsepower and speed for your application based on the Mixer Sizing Graph on the preceding page, then use the charts below to order the desired components.

## High Speed Mixers

<b>B</b>	<b>Mount:</b> "B" Bracket "C" Clamp "F" Flange "T" Thread "X" Tank Stand Mount	<b>-1</b>	<b>Horsepower and Voltage Codes:</b> "1M" 1/20HP "1" 1/4HP "2" 1/3HP "3" 1/2HP "4" 1HP	<b>-TE</b>	<b>Motor Type:</b> "O" Open "TE" TEFC "EXP" Explosion Proof	<b>-PRP</b>	<b>Mixing Agent:</b> "PRP" Stainless Steel Propeller "A" Neoprene Impeller "H" Stainless Steel Impeller	<b>/WRD-EK</b>	<b>Options:</b> "WRD" Factory Power Cord "EK" Epoxy Coating "STS" Suction Tube Shield "SCP" Stainless Steel Coupling "AM" Angle Mount "316" Stainless Steel Shaft & Impeller " * * " Variable Shaft Length (specify inches)
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## High Speed Air Mixers

<b>A</b>	<b>Series:</b> "A" Air Mixer	<b>11</b>	<b>Horsepower:</b> "11" 1/4HP, 9 CFM/40# "12" 1/3HP, 11 CFM/43# "21" 1/4HP, 15 CFM/18# "22" 1/3HP, 20 CFM/20# "23" 1/2HP, 27 CFM/38# "24" 1HP, 40 CFM/70#	<b>-TE</b>	<b>Motor Type:</b> "O" Open "TE" TEFC "EXP" Explosion Proof	<b>-PRP</b>	<b>Mixing Agent:</b> "PRP" Stainless Steel Propeller "A" Neoprene Impeller "H" Stainless Steel Impeller	<b>/316-EK</b>	<b>Options:</b> "EK" Epoxy Coating "STS" Suction Tube Shield "SCP" Stainless Steel Coupling "316" Stainless Steel Shaft & Impeller " * * " Variable Shaft Length (specify inches)
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## Low Speed Mixers

<b>B</b>	<b>Mount:</b> "B" Bracket "C" Clamp "X" Tank Stand Mount	<b>-1</b>	<b>Horsepower:</b> "1" 1/4HP "2" 1/3HP "3" 1/2HP	<b>60</b>	<b>Motor Type / Voltage:</b> "60" 115 V, TEFC "62" 230 V, TEFC "64" 230 V, Explosion Proof	<b>/WRD-EK</b>	<b>Options:</b> "WRD" Factory Power Cord "EK" Epoxy Coating "STS" Suction Tube Shield "SCP" Stainless Steel Coupling "316" Stainless Steel Shaft & Impeller " * * " Variable Shaft Length (specify inches)
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## Low Speed Air Mixers

<b>A</b>	<b>Series:</b> "A" Air Mixer	<b>B</b>	<b>Mount:</b> "B" Bracket "C" Clamp "X" Tank Stand Mount	<b>-160</b>	<b>Horsepower:</b> "160" 1/4HP, 15 CFM/18# "260" 1/3HP, 20 CFM/20# "360" 1/2HP, 27 CFM/38#	<b>/316-EK</b>	<b>Options:</b> "EK" Epoxy Coating "STS" Suction Tube Shield "SCP" Stainless Steel Coupling "316" Stainless Steel Shaft & Impeller " * * " Variable Shaft Length (specify inches)
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## Variable Speed Mixers

<b>VB</b>	<b>Series and Mount:</b> "VB" Bracket "VC" Clamp "VF" Flange "VT" Thread "VX" Tank Stand Mount	<b>-1</b>	<b>Horsepower and Voltage Codes:</b> "M" 1/20HP "1" 1/4HP "2" 1/3HP "3" 1/2HP "4" 1HP	<b>-TE</b>	<b>Motor Type:</b> "TE" TEFC	<b>-PRP</b>	<b>Mixing Agent:</b> "PRP" Stainless Steel Propeller "A" Neoprene Impeller "H" Stainless Steel Impeller	<b>/WRD-EK</b>	<b>Options:</b> "WRD" Factory Power Cord "EK" Epoxy Coating "STS" Suction Tube Shield "SCP" Stainless Steel Coupling "316" Stainless Steel Shaft & Impeller " * * " Variable Shaft Length (specify inches)
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## "WXL" Mixers

<b>WXL</b>	<b>Series:</b> "WXL" WXL	<b>-2</b>	<b>Horsepower:</b> "2" 1/3HP "3" 1/2HP "4" 3/4HP "5" 1HP "6" 1 1/2HP "7" 2HP "8" 3HP "9" 5HP	<b>0</b>	<b>Motor Type:</b> "0" TEFC "1" TEFC "2" Explosion Proof "3" Explosion Proof "4" Air-operated	<b>B</b>	<b>Mount:</b> "B" Bracket "C" Clamp	<b>/WRD-EK</b>	<b>Options:</b> "WRD" Factory Power Cord "EK" Epoxy Coating " * * " Variable Shaft Length (specify inches) "DUAL" Dual Stainless Steel Propellers
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