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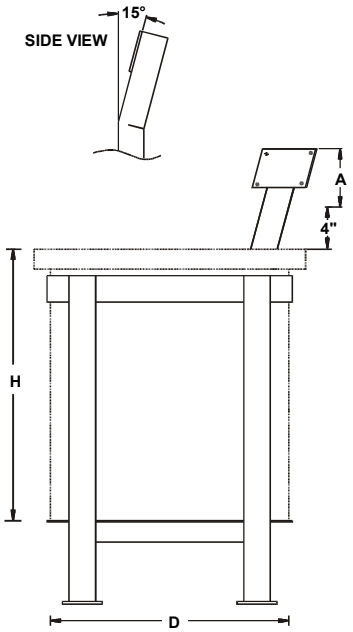
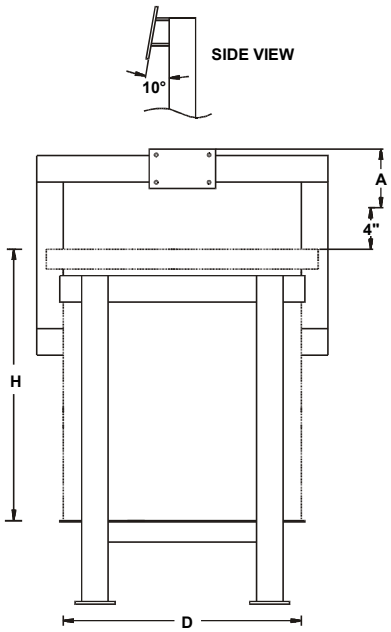
MANUFACTURING: Mixers, Bypass Feeders, Filter Feeders, Sample Coolers, Sludge Traps, Separators, Tank Stands, Tank Package Systems, Glycol Feed Systems, Coupon Racks, Custom Packaged Systems and Specialty Welding

Specification Sheet #0123 Rev. "E" (1/00)

MIXER SHAFT SIZING



MOUNT OPTION -1



MOUNT OPTION -2

GENERAL NOTES	
MOUNT OPTION	**DESCRIPTION**
-1	High Speed Mixer Mount
-2	Low Speed Mixer Mount

MIXER DIMENSION TABLE	
MODEL(S)	**A**
AIR MIXERS (HIGH SPEED)	
A1	5 7/8" (5.875)
A2	6 3/8" (6.375)
ELECTRIC (HIGH SPEED)	
X-1-O / X-2-O	7 5/8" (7.625)
X-3-O / X-4-O	8" (8.000)
X-M-TE	7" (7.000)
X-1-TE thru X-4-TE	8 1/8" (8.125)
X-1-EXP thru X-4-EXP	8 1/8" (8.125)
ELECTRIC (VARIABLE SPEED)	
VX-M-TE	6 3/8" (6.375)
VX-1-TE thru VX-4-TE	6 5/8" (6.625)
ELECTRIC (LOW SPEED)	
All Models	7 1/2" (7.500)

AIR MIXER, HIGH SPEED ELECTRIC MIXER AND VARIABLE SPEED MIXER SHAFT LENGTH CALCULATION:

$$\frac{\text{(H) Tank Height} + 4}{.9659} = \_\_\_\_ - 4 = (*)$$ "Mixer Shaft Length"

EXAMPLE:

$$\frac{36" + 4}{.9659} = 41.41 - 4 = 37.41 = 37$$ "Mixer Shaft Length"

(*) Note: Always round answer to the nearest inch

LOW SPEED MIXER SHAFT LENGTH CALCULATION:

$$\frac{\text{(H) Tank Height} + 4}{.9848} = \_\_\_\_ - 5.125 = (*)$$ "Mixer Shaft Length"

EXAMPLE:

$$\frac{60" + 4}{.9848} = 64.99 - 5.125 = 59.86 = 60$$ "Mixer Shaft Length"

(*) Note: Always round answer to the nearest inch

AIR MIXER, HIGH SPEED ELECTRIC MIXER AND VARIABLE SPEED MIXER SHAFT LENGTH DISTANCE TO CENTER OF TANK CALCULATION

(Shaft Length X .2679) - 2.25 = ____" from side of tank

EXAMPLE:
(37" X .2679) = 9.91 - 2.25 = 7.66" from side of tank

LOW SPEED MIXER SHAFT LENGTH DISTANCE TO CENTER OF TANK CALCULATION

(Shaft Length X .1763) + (Diameter (D) X .1465) = ____" from side of tank

EXAMPLE: [(63" X .1763) = 11.11] + [(50" X .1465) = 7.31] = 18.44" from side of tank

All dimensions are subject to change without notice.