



# AK SERIES AIR KNIFES

Available in 6,12 & 18"



Bay Plastics Machinery Air Knives are designed to meet the demanding needs of your extrusion process. Made from rust free components, the dual air nozzle design is available in three different sizes. The open ended design allows easy start up and maintains proper strand control.

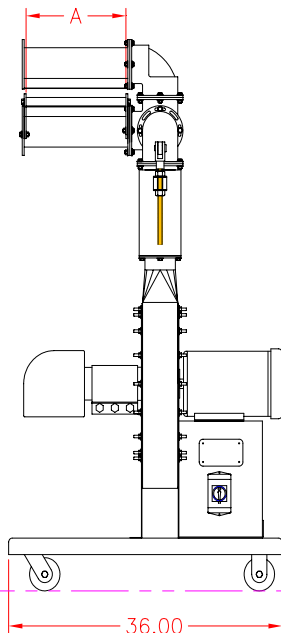
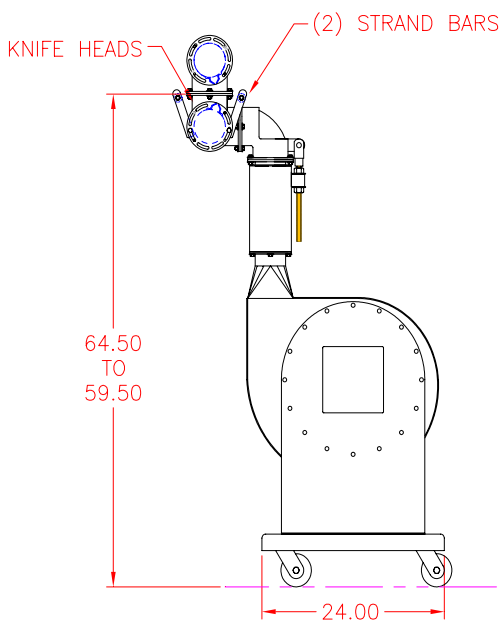


Flexibility is built into this unit, the wear resistant strand guides can be adjusted and moved as needed to best control the strands as they pass through the air knife. The height of the unit is easily adjustable to meet the needs of your specific feed heights. This unit can change from left to right direction to right to left direction by simply repositioning the nozzles.

Strand guides can be repositioned as needed



The blower pulls air into the self contained blower and pushes the air flow into the nozzles. The angle of the nozzles can be adjusted to offer the customer the best possible control of the water removal on the specific product.



Height Adjustment

Model	A. Dim	HP	CFM
AK-06	6"	2	335
AK-12	12"	3	495
AK-18	18"	3	495

# VAK SERIES VACUUM AIR KNIFE

Available in 12", 16", 24", & 32"



The VAK dries the strands by a combination of positive and negative air pressure. Experience has shown that a combination of vacuum table and dual positive pressure nozzles offer the best drying results.

The air supply for both pressure and vacuum is provided by one blower. The vacuum air together with the removed water passes a demister before entering the fan. The demister separates the water and the air, the water drops to the bottom of the suction box and is then drained by a self regulating valve.

The pressure air stream is divided into two streams by a manually operated flow control valve. One stream passes through the blowing nozzle and the remaining air passes through a silencer.

The Distance between the blowing nozzle and the strand is approximately 1" to 1 1/2". To ease start up, the positive pressure nozzles are lifted up to allow the strands to be strung up.

For the best results the strands need to be separated and contact the vacuum table. The vacuum table is slightly bowed and hardened grooved rolls position the strands on the table.

Positive Pressure Air Knives



Negative Pressure Vacuum Table



Optional: Tank Pivot

Model	Working Width	HP	CFM	SP H <sub>2</sub> O
VAK 12	12"	7.5	2,224	8"
VAK 16	16"	7.5	2,224	8"
VAK 24	24"	25	3,531	16"
VAK 32	32"	25	3,531	16"

## BAY PLASTICS MACHINERY

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