

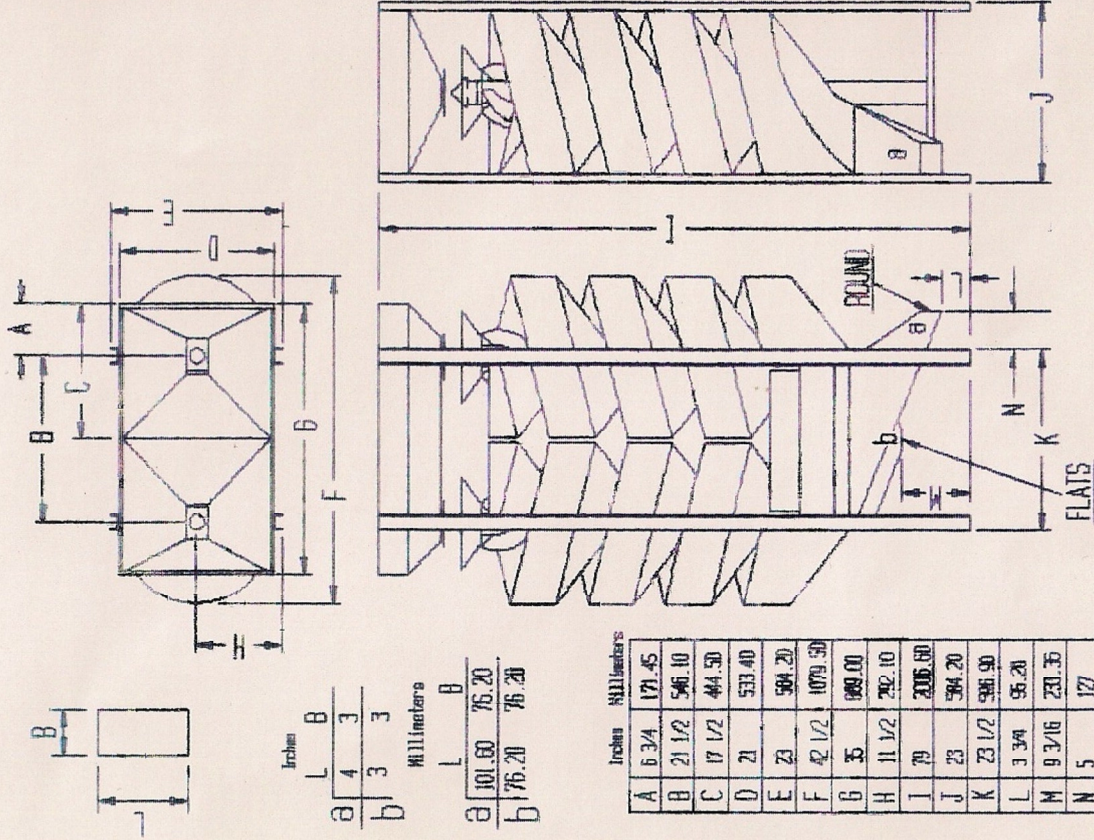
AMOS

HEAVY DUTY SPIRAL SEPARATOR

This Separator is used for removing giant morning glory from soybeans, mustard, wild peas, vetch, cockle, soybeans or any round seed from wheat, rye, barley, oats, flaxseed and other grains, screening or seeds.

Operates by gravity... The double separator contains two units of spirals fed from a large hopper at the top, with an adjustable feed plate for each unit. The seed leaving the hopper runs over a cone divider which spreads the feed evenly to each of the five flights in each unit. Going down the flights the round kernels travel at a much faster speed than the kernels which are not round. Their momentum increases until the round seeds run over the edge of the inner spirals, drop into the outer spiral, and discharge through a spout at the bottom side of the machine. The non-round seed remains on the small flights and slides down to a separate discharge spout at the bottom center of the unit.

No power required... Since there are no moving parts, no power is required to operate the machine. When the feed has been properly set, the separator continues to operate automatically as long as there is grain in the hopper. Constructed of galvanized non-rust iron in a strong steel frame.



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