



**AUTO PADDY SEPARATOR  
ASL-20 / ASL 24**



## Description:

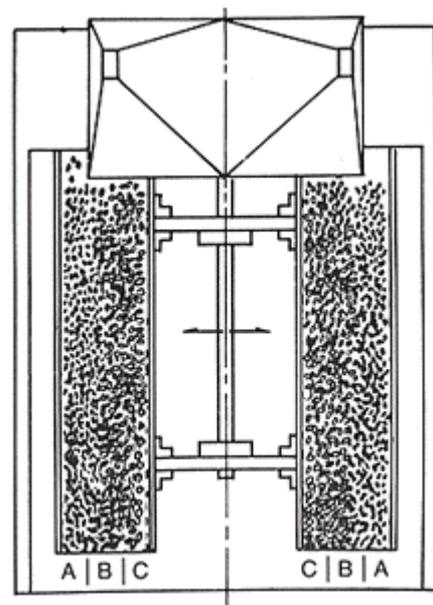
**MODEL: ASL - 24- 20**

### **AUTO PADDY SEPARATOR**

For a long time in the past, the separation of paddy from brown rice was a toughest problem posed to many rice millers throughout the world. Sometimes, rice millers had to install a big size paddy separator which occupies large space in a mill where smaller one should come, very often such paddy separators being rather difficult to handle. And some other times, they had to dispense with any paddy separator at all, which would bring about rather unfavorable results on finished white rice. The Paddy Separator eliminates all this inconvenience, but offers every advantage of compact size, easy operation, low maintenance cost, small driving power and high adoptability to any kinds of grain in stable performance.

The " Paddy Separator Model ASL, being a unique masterpiece for the separation of rice grains, based on the superb engineering and rice milling knowledge acquired over four decades of specialized manufacture of agricultural machinery, takes no choice in size and condition of rice for its separation and is so foolproof to handle that no skill at all is actually required for the operation of this compactly- built paddy separator.

Once paddy and rice grains are passed to the separating table, they are given special sideway motions as they roll down towards the lower front end of the separating table. At first, paddy grains start floating up onto rice grains as they move from the joint effect of specific gravity and surface smoothness of the grain, and then while being given repeated knockings at the bank of the separating table, gradually drift over to the other side thereof, thus to be separated apart from each other. Being based on the principle of specific gravity and surface smoothness of the grain, difference in size, shape and weight of the grain carries no difference at all to this "TAKA YAMA" Paddy Separator Model ASL. Each flow of separated grains is distinctively received into each hopper which is provided with adjustable panel shiftable by simple turn of crank-handle.

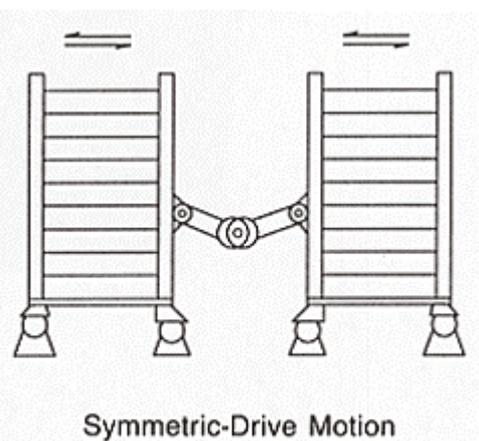


A Brown Rice  
B Mixture of Brown Rice & Paddy  
C Paddy

## SPECIAL FEATURES

1. Designed and built sturdily in all-metal construction for longer period of use, guarantees a highly stable and smooth operation at all times.
2. Completely free from the troublesome adjustment ascribable to the differences in variety, shape, size and moisture of rice grains, therefore, no operational skill or professional knowledge is absolutely required.
3. Capable of constant separation regardless of difference or change in grain conditions and therefore, most suitable for constant operation, and the pre-classification of grains ahead of separation is practically dispensable in any cases.
4. Can be installed into any small, medium-sized or large rice mills, thanks to its compact size, and it also operative most economically on comparatively smallest horsepower.

The Paddy Separator Model ASL is a compactly built "Double-Unit" Paddy Separator of amazingly high capacity and performance, consisting of two similar blocks of separating tables symmetrically oscillating sideways for a reliable separation of brown rice from paddy. Each oscillating block accommodates ten pieces of separating tables which possess a rough surface, slightly slanting forward and drivable by means of a special "SYMMETRIC-DRIVE" cam equipment that shakes two separating blocks symmetrically at the fixed constant speed.



Model	Capacity/hr, in Brown Rice		Req'd Power Motor	Revolutions
	Short Grain	Long Grain		
	kg	kg	hp	rpm
<b>ASL-24</b>	2700-3400	2600-3200	2	315-320
<b>ASL-20</b>	2500-3000	2000-2600	2	315-320

Model	Main Pulley	Main Belting	Overall Dimensions			Export Packing		
	V-type	V	Height	Width	Length	N.W.	G.W.	Vol.
	mm	pcs.	mm	mm	mm	kg	kg	cft.
<b>ASL-24</b>	228xB-1	B-typex1	1785	1540	1990	840	1046	145
<b>ASL-20</b>	228-B-2	B-typex2	1715	1540	1895	800	925	135



A division of Ken-Ding Group

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