



ALVAN BLANCH

Processing the World's Crops

IMPACT HULLER



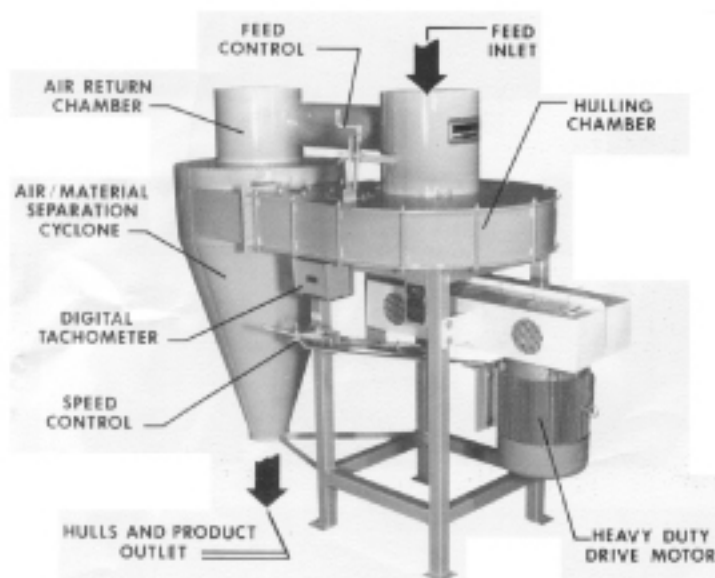
**Model IH-15
Impact Huller**

- AB** *For a wide range of seeds including - sunflower, soya beans, oats.*
- AB** *Two models - capacities up to 2,000kg/hr depending on crop.*
- AB** *Simple yet very effective design - giving consistent results.*
- AB** *Dustless operation, easy to install, minimal maintenance.*

***A multipurpose huller -
available individually or as a part of a complete process line***

IMPACT HULLERS

up to 2,000 kg/hr



APPLICATION:

Impact hullers can be used on a wide range of seeds - such as sunflower, soya beans and oats - on which the hull is relatively loose - allowing separation from the seed endosperm upon impact.

The IH-15 huller is usually the first stage in a complete separation process - the loose hulls must be aspirated from the seed and, if necessary, any unhulled seeds must be returned for re-hulling. Alvan Blanch are able to design and supply complete process lines to suit the specific seeds to be handled.

IH-Lab model is mainly for laboratory use.

CONSTRUCTION:

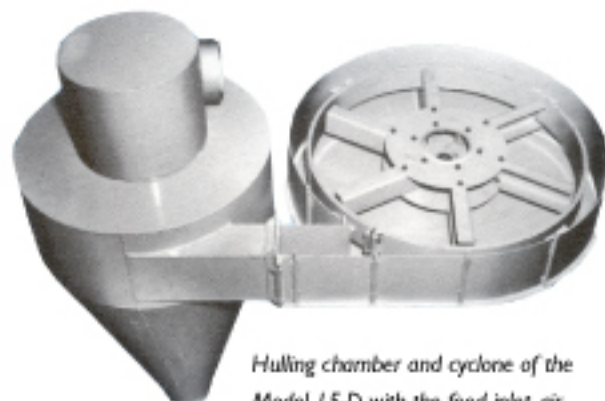
The huller is an industrial duty machine. Impeller and hulling ring are fabricated from a highly durable steel for wear resistance. They are also easily replaceable. Speed is varied via manually adjustable pulley arrangement or via electronic inverter speed controller.

The unit has its own support stand for convenient installation.

OPERATION:

Product is fed into the inlet where it enters the impeller wheel through the feed control pipe. Accurate adjustment of the feed control handle determines the thoroughness of the hulling operation. The centrifugal force of the rotating impeller wheel drives the product against the hulling ring. The speed of the rotating impeller is adjusted to create the exact force of impact against the hulling ring. Fine-tuning of the speed minimises broken meats and maximises hulling thoroughness.

From the hulling chamber the hulled product and any dust that has accumulated, enters the cyclone and is discharged out the bottom for further handling and processing. The air that is used is retained in the machine and continually recycled for a totally dust-free operating environment.



Hulling chamber and cyclone of the Model 15-D with the feed inlet, air return and top removed, exposing the impeller wheel and hulling ring.

SPECIFICATIONS

Model	Capacity Range	Drive	Dimensions		
			Length	Width	Height
	Kg/hr	kW	mm		
IH - 15	1,000 - 2,000	5.5	1780	840	1500
IH - Lab	100 - 200	0.75	990	585	1065

Capacities - vary considerably depending on the crop (an IH-15 Soya beans capacity up to 2,000kg/hr where as sunflower capacity is approx 750kg/hr). Variety, moisture content, length of storage etc are all factors that can affect capacities and hulling efficiency.

FREE SAMPLE TESTING

Send a sample of your product to us and we will run hulling and capacity tests in our test lab. You will receive test samples together with a full laboratory analysis for your own examination.

In accordance with our policy of continuous development, we reserve the right to change specifications and prices at any time without notice or incurring liability to purchasers. All goods supplied according to our published terms and conditions of sale (copies on application)

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