



## Pneumatic Leaf Separator

A comprehensive range of high quality herb processing equipment from Alvan Blanch



M60 model

- For the separation of the leaves of medicinal/aromatic herbs
- Capacity: up to 120kg of pre-cut and dried plant/hour
- Very efficient separation of large leaved plants
- Gentle operation minimises leaf breakage
- Two stage pneumatic separation process

# Pneumatic Leaf Separator

UP TO  
**120**  
Kg/Hour

## Application:

For the separation of the leaves of medicinal and aromatic plants from their stems. To optimise the performance of the machine plants should be dry and pre-cut to lengths of approx. 100mm. Very efficient separation of large leaved plants such as mint, Melissa, Nettles and Oregano.

## Construction:

Twin fan units - high performance backward curved centrifugal fan impellor direct driven by electric motor ensures optimum efficiency and low noise. Stripper rotor with interchangeable concave. Separate outlets for leaf and stem. All motors pre-wired to a mounted.

## Operation:

The top fan blows out the leaves that are already separated from the stems the rest of the plant descends into a stripper rotor which dislodges leaf from stem and then into a second air current that separates the remaining leaves and stems into the respective recipients. The Pneumatic Leaf Separator is designed to treat dried and pre-cut plant gently, with the minimum of leaf breakage; producing a 'whole leaf' sample of excellent quality. In addition, with the appropriate concave, it can be used to produce calibrated leaf and leaf and also to hull certain grains and nuts. When used in conjunction with our precision plant chopper these pneumatic separators give very good results on difficult plants such as Sage and Vervein, whether fresh or dried.

## Option:

Model M40S - simplified version of M40 with single fan only and no stripper fan for final separation - generally used with brushing type leaf separator. Feed conveyors are available to suit.

SPECIFICATIONS				
Model	Output; Pre-cut plant (Kg/hr)	Top Fan (kW)	Stripper	Bottom Fan (kW)
M40	40 - 80	0.75	1.5	0.75
M60	60 - 120	0.55	1.1	0.55

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