



## Tobacco particle recovery

**MACHINE TYPE:** 121 – 121A

**REFERENCE CODE:** M.088 – M.088A

### Description

The kit improves the tobacco yield of G.D. lines recovering tobacco particles lost through the making and packing process. The kit is offered in two versions: the basic one allows for the recovery of tobacco particles wasted through the air system of the maker hopper while the extended version acts also on the tipper transfer unit, tipper exit and packer hopper.

The separation of the hopper tobacco particles takes place in the main fan thanks to the different particle inertia and a cyclone that separates the good particles from the powder.

While the powder is conveyed to the centralized de-dusting unit, the recovered tobacco particles are conveyed onto the transport drum.

In the extended version, the tobacco particles are sucked pneumatically from each accumulation point, transported to the maker hopper (by using a blower) and separated by a dedicated cyclone.

### Advantages

- Tobacco savings:
    - 0.5 – 0.6 % of tobacco shorts from suction belts (\*) – basic version
    - 1 – 1.2 % of tobacco shorts (\*) – extended version
  - Reduction of tobacco powder and particle accumulation along the machines
- (\*) achievable value depends on working conditions

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## Validity

The kit can be retrofitted to any 121-121A-121H-121P machines and linked G.D packers.

The basic version (see price list code M.088) of the tobacco particle recovery (TPR) mainly includes:

- modified hopper main fan with double exit
- a cyclone and relevant reintegration unit
- connection pipes
- hopper modification in order to fit the new parts
- hopper transport drum area modification to arrange particles reintegration

The extended version (see price list code M.088A) of TPR mainly includes (in addition to the basic one):

- a dedicated cyclone
- a dedicated blower for tobacco particles suction
- modification of machine in order to fit connection pipes

## How to order

Machine S/N and format dimensions are required to complete the Production Order.

For further information please contact [eNews@gidi.it](mailto:eNews@gidi.it).

## G.D

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