

## 7 Eliminate contamination

Resource  
consumption cut

Productivity UP

### On Throat Of Injection-Molding Machine

Added Value UP

The fines and dust from materials are the cause of contamination, aren't they?

Remove fines and dust through an air-bath during conveyance.

## Aero Power Hopper

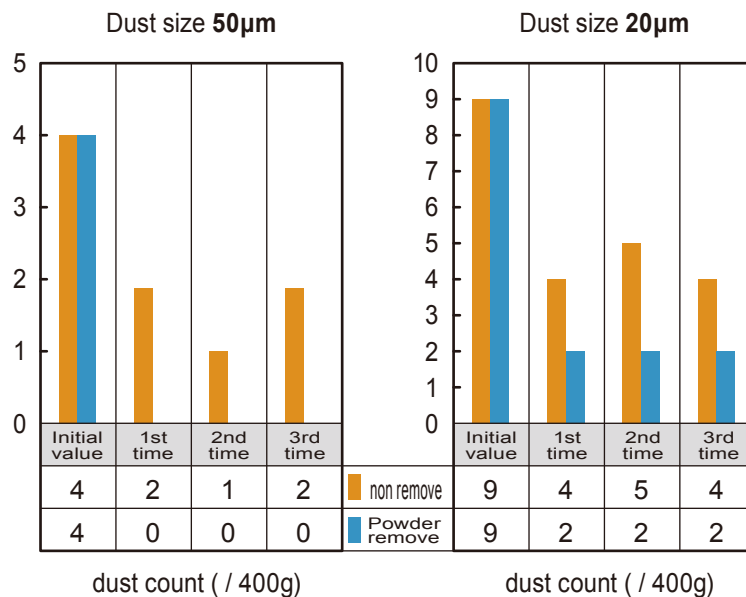
### Overview

This receiver performs dust removal and mixing functions by airflow during conveyance. Allows for dust removal just before (pellet) enters the injection machine feed throat.

#### • APH Test of remove contamination



[ APH-3 ]



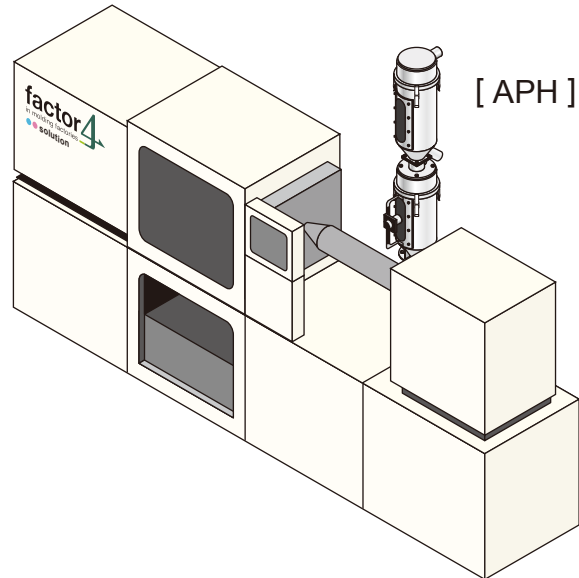
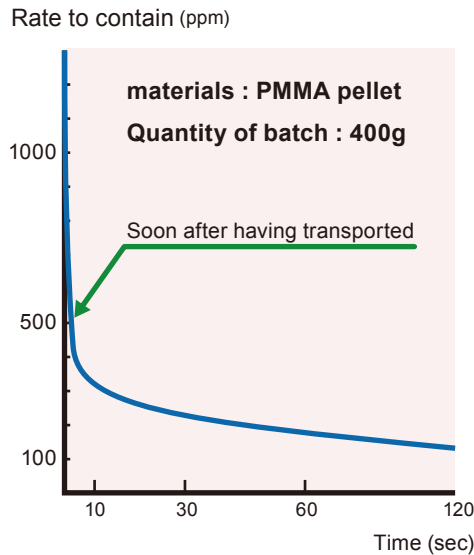
### Features

- Ideal for optical molding.
- Removes particles that can cause white spot, luminescent spot, and black spot in finished molded part.  
(White spot by un-fusing resin powder, improvement of luminescent spot, and improvement of black spot by foreign material removal effect)
- It can remove powder efficiently even if little quantity of resin. (←↓APH-T)
- Reduce static electricity by materials feeding pipe in the Hopper center.

## 7 Eliminate contamination

Productivity UP

### • APH Test of remove powder



### MEMO



<https://matsui.net>

• Osaka Head Office  
Addr:OBP PLAZA BLDG.17th F. 1-4-70,Shiromi,Chuo-ku,  
Osaka 540-0001,Japan. TEL:06-6942-9555 / FAX:06-6942-9559

• Tokyo Head Office  
Addr:Shinosaki Kangyo BLDG .9F, 1-6-4, Oosaki, Shinagawa-ku,  
Tokyo 141-0032, Japan. TEL:03-5436-3521 / FAX:03-3495-5331

• BRANCHES  
Matsui America, Inc. TEL: +1 847-290-9680  
Matsui (Asia) Co.,Ltd. TEL: +66 02-324-0216  
Matsui Mfg (Singapore) Pte. Ltd. TEL: +65 6744-9602  
PT. Matsui Solutions Indonesia. TEL: +62 21-8379-3253  
Korea Matsui Inc. TEL: +82 032-811-9400  
Taiwan Matsui Co., Ltd. TEL: +886 2-8919-1556  
Shanghai Matsui Machinery Co., Ltd. TEL: +86 21-5442-3111  
Matsui Technologies India Ltd. TEL: +91 120-2397114

- ! • Information in this catalog is current as of August 2021.
- The actual color of products may differ slightly from the printing in this catalog.
- Product specifications and designs are subject to changes for improvements without prior notice.
- The scope of warranty provided for Matsui MFG., Co., Ltd. machinery or devices is limited to repair or replacement of parts. Any defects of Matsui's machinery or products manufactured by using such machinery, as well as defects in product manufacturing are excluded from the warranty.

**factor4**  
in molding factories

Doubling Wealth,  
Halving Resource Use

Matsui, your Plastic molding partner for resource reduction, propose to achieve 'factor 4' in molding factories.

We aim to increase productivity by 4times by achieving the following, 'Save Water', 'Save Resin s' and 'save Energy'.

**If you are looking for a best solution...**

**factor4 solutions**

