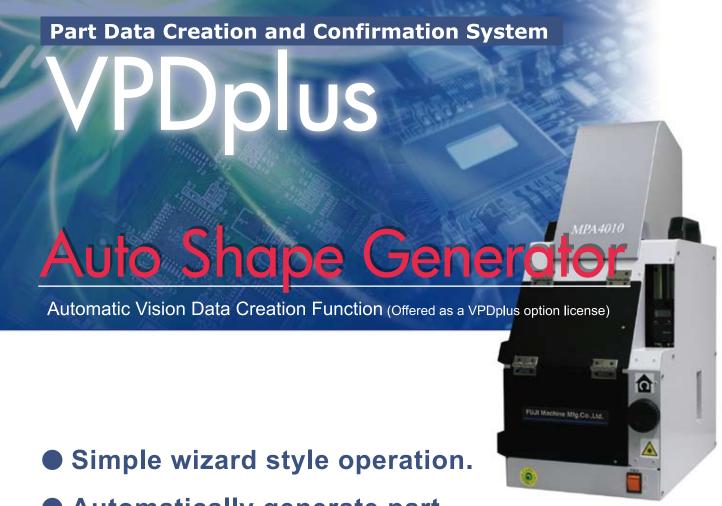
## Easily recognize and generate vision data for parts.





- Automatically generate part data from the part image.
- High data reliability, reduced need for modifications.

Hilling

#### FUJI MACHINE MFG. CO., LTD.

19 Chausuyama Yamamachi Chiryu-shi, Aichi-ken 472-8686 Japan Tel: +81 566 81 2110 Fax: +81 566 83 1140

- Always consult Fuji prior to selling any Fuji equipment to a third party.
  The contents of this catalog are subject to change without notice.
  Contact Fuji or a Fuji representative before transporting this product to a foreign location within your company or selling it to a third party within your country or a different country.
  The information in this catalog is current as of January, 2010
- Cat No ASG/2010 Jan/E

### Reasons for Vision **Processing Errors**

- Vision Type selection errors
- Data definition errors
- Fallen parts
- Operator errors etc

# 70% dependant on the skill of the operator! **The Auto Shape Generator** solves all of these problems!!

#### ■ Import the Images, and **Generate Automatically**

Making vision processing data is an easy operation consisting only of taking images of the parts to be placed from the machine or the camera stand, and then following the step by step guidance.

Input the vision type, the leads, bumps, and seek lines, and the tolerance settings are detected and the image data is generated automatically. In addition, the robustness of the data is confirmed by the test process, and reliability is greatly improved.

As a result, time required to create part data is greatly reduced.

#### ■ Command of Tasks

Creating Vision Processing Data in the Past

- Many difficult decisions
- Complex editing configurations
- Modifications needed

With the Auto Shape Generator...

Anybody can create data

- Complete data reliability
- Clear creation guidance

#### Part types that can be created automatically

#### Supported part types

IC leaded parts **BGA** parts · · · VT142, 233 · · · VT152. Black connectors White connectors · · · VT153, Odd-form parts · · · VT18

Rectangular chips · · · VT60, 61, 62, 65, 71, 72, 80

Parts with few leads · · · VT180 White BGA parts · · · VT231 Insertion pin parts · · · VT243

\* Slanted leads parts are not supported.



#### Operating environment

The following software and hardware are required in order to use the Auto Shape Generator.

· Fuji Flexa : V3.0 or later

 VPDplus : V5.0 or later + option license

Supported machines : NXT, NXT II, AIM



