



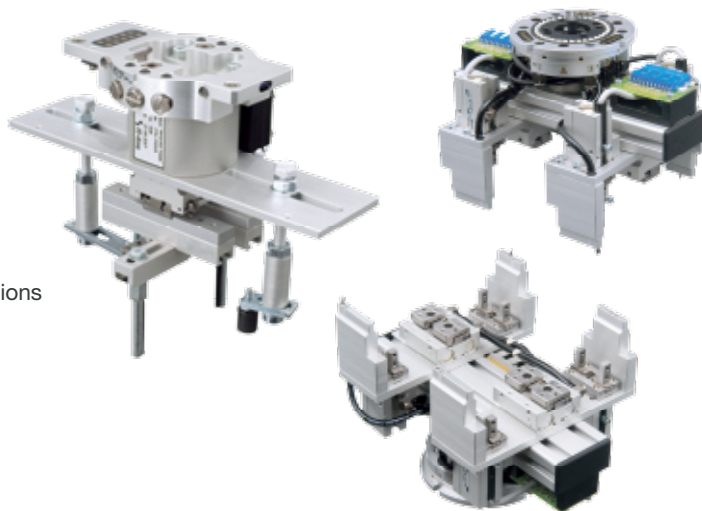
CIRCUIT BOARD GRIPPERS

- Grippers are based on patented modular solutions, in which:
 - standard components are used
 - fewer specialised parts are required
 - it is easy to change from one product to another
- Grippers are easily adapted to suit the customer's various needs.
- Easily adapted from one product to another
- Gripper reusability of up to 95-100%
- Grippers are ESD-safe

GRIPPERS FOR USE IN CIRCUIT BOARD PROCESSING

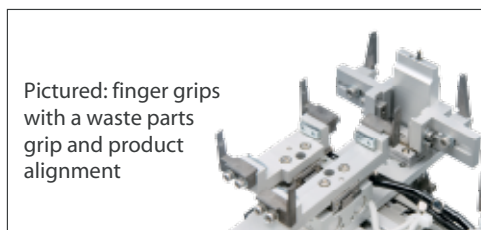
SINGLE GRIPPERS, IT32 SERIES:

- For one module
- Pneumatic product gripping
 - 3 or 4-finger grips
 - with or without product alignment
 - with or without a separate waste parts grip
- Connections made according to customer specifications (mechanical, electrical, pneumatical)



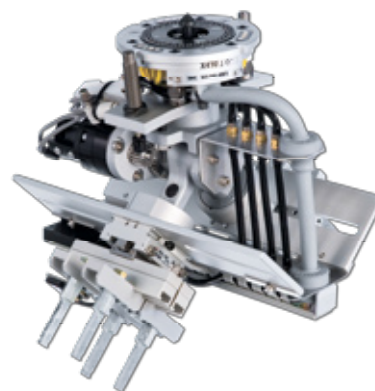
DOUBLE GRIPPERS, IT31 SERIES:

- For two modules
- Pneumatic product gripping
 - 3 or 4-finger grips
 - with or without product alignment
 - with or without a separate waste parts grip
- Connections made according to customer specifications (mechanical, electrical, pneumatical)



DOUBLE GRIPPERS, IT20 SERIES:

- For two modules
- Pneumatic rotation 90°
- Pneumatic product gripping
 - 3 or 4-finger grips
- Finger grips fully adjustable
- The gripper's A and B side can be used for the same product or different products
- Product sensing (separate)
- Connections made according to customer specifications (mechanical, electrical, pneumatical)



PANEL GRIPPERS, IT10 SERIES:

- For three to four modules
- Pneumatic product gripping
 - 3 or 4-finger grips
 - with or without product alignment
- Connections made according to customer specifications (mechanical, electrical, pneumatical)

