

Gate stations

Conveyor, telescope and portal gates

Various gate widths



Gate stations

Conveyor gate GC

- Manually raisable
- Swivel support with the help of gas pistons
- Release button for opening lock
- Interface connection via contact area, no cable channel necessary



Conveyor gate GC



Portal gate GP

- Permanently open
- Gate widths from 800 mm to 5000 mm
- For straight lines or L and U line configuration
- Integrated turning device in lift tower by L and U line configuration
- Conveyor optional with cooling function with varied resting time of PCBs
- Conveyor optional with integrated flip station
- Compensation of different transport heights at entry and exit

Portal gate GP

Telescope gate GS

- Only closed during transport
- Electronic safety devices
- Usable in both directions of flow

General characteristics

- Transport width
M series 50... 260 mm
L series 50... 500 mm
- Width adjustment manual or motor regulated
- ENGMATEC TECONA PLC control
- Communications interfaces as required
- Tough powder-coated finish
- Design meets CE, electrostatic and safety regulations



Telescope gate GS

Products and performances

Handling and transport systems

- for circuit boards
- for solder frames
- for work-piece carriers
- Transport conveyors
- Vertical lifts
- Horizontal lifts
- Turning stations
- Flip units
- Loading/unloading units
- In-line buffer (FIFO/LIFO)
- Turning lift stations
- Path through stations
- Systems with manual and automatic magazine handling

Test systems

- In-line or autarkic
- Manual or automatic process
- In normal or extreme temperature ranges (alternating from -40°C to 125°C)
- In-circuit test
- Function test
- Test with automatic alignment
- Picture processing
- High frequency
- Special test systems

Special systems

- Handling and transport
- Automatic assembly

Inter-linking of manufacturing processes

- TECONA products
- Products from other sources
- Planning
- Handling and transport systems
- Integration of manufacturing systems
- HOST communication
- Process visualisation
- PPS
- Data remote transmission