# Semi-Automated Case Serialization Unit
# CSU4

## Plug & Play | Ergonomic | Small footprint



Dec Group's serialisation equipment solutions are designed to simplify packaging processes. Our Serialisation equipment solutions are compatible with all high-tech production facilities and software processes known in the pharmaceutical packaging industry, and can be customised according to the unique requirements and specifications of every individual customer.

Dec Group's CSU4 is designed to simplify the manual packaging process at the case level. Serialised cartons or bundles are inspected inside the shipper case for each layer, ensuring correct aggregation every time. The CSU4 ergonomic design has a space saving footprint that includes case label print, apply and inspect, case former and sealer. Multiple packaging stations can be deployed on a single packaging line to increase manual packing rates.

# Semi-Automated Case Serialization Unit
## CSU4

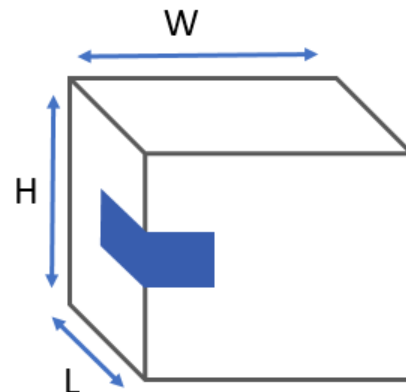Plug & Play | Ergonomic | Small footprint

**Dec Group®**

### Case Serialisation / CSU4

| Case Serialisation | CSU4 | |
|---|---|---|
| **Standard** | | |
| Case Size W-L-H | High Case model: | |
| | Minimum: | 300 x 240 x (150 mm + label height) |
| | Maximum: | 600 x 400 x 400 mm |
| | Low Case Model: | |
| | Minimum: | 290 x 240 x (90 mm + label height) |
| | Maximum: | 560 x 400 x 400mm |
| | Note: min size is not strictly limited, consult Dec Group in case smaller size is required. | |
| Case Label Printing Technology | Domino Print and Apply | |
| | Corner Wrap or Single Side | |
| Case Label Inspection | Data Matrix | |
| | Module Size: | 1.7 x 1.7 min |
| | Symbol Size: | 16 x 16 min; 26 x 26 max |
| | Barcode Thin Bar Width: | Min. 0.1 mm |
| | Character Height | Min. 1.30 mm |
| | Field of View: | 100 x 150 mm |
| Serialised Item Inspection | Data Matrix | |
| | Module Size: | Min. 0.4 x 0.4 mm |
| | Symbol Size: | Min. 16 x 16; Max 26 x 26 |
| | Barcode Thin Bar Width: | Min. 0.3 mm |
| | Field of View: | 600 x 400 mm |
| Overall Machine Footprint | Length: | 2470 mm |
| | Width: | 1300 mm |
| | Height: | 2300 mm |
| Utility Requirements | Voltage: | 230 VAC 50/60 HZ |
| | Power: | 4.1 kVA |
| | Air: | 6 bar [87 psi] |
| | Vacuum: | n/a |

**Case:**



**Functionalities CSU4 Unit:**

- Pack by case item code verification
- Corner Wrap Case Label Print and Apply
- Case Label Verification
- Case Forming, bottom and top taping
- Integrated Operator Interface

**Options:**

- Tilting exit conveyor
- Design Verification execution & documentation
- Line management system integration
- Transport, installation & commissioning
- IQOQ package and or support
- Spare parts
- Service level agreement

**Powder Handling Excellence**

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