



### *Series PC 4000 from Romaco Promatic*

The Romaco Promatic PC 4000 flexible high speed cartoner series is designed to satisfy the most demanding applications. It offers a wide range of tailor-made feeding options for different products.

The Romaco Promatic PC 4000 cartoners consistently deliver flexibility, optimal ergonomics and efficiency at speeds up to 400 cartons/min. This state-of-the-art automatic cartoning is controlled through total machine management via the operator panel. All movements are harmonized and precisely handled with servo motors and electronic cams, individually optimized for each type of product packed.

#### **Highlights**

- Patented positive carton pick-up and opening system provides high tolerance of carton quality
- Modular design enables easy integration of tailor-made feeding units
- Low maintenance, minimum intervention times
- Driven only with timing belts (no chains)
- Easy, reproducible, quick changeover, micrometric adjustments and digital position indicators enable mainly tool free operations
- Industrial PC managing operating systems and servomotor provides perfect syn-

chronisation of mechanical and electronic movements

#### *Cantilever design:*

- Reduced downtime, cleaning and maintenance operations
- Easy access
- Balcony design minimises risk of product mix-up
- GMP design

| <b>Technical Data</b>      | PC 4250 |      | PC 4300 |      | PC 4400 |      |
|----------------------------|---------|------|---------|------|---------|------|
| Mechanical speed           | 270     |      | 320     |      | 420     |      |
| Power consumption, in kW   | 9.5     |      | 9.5     |      | 9.5     |      |
| Air consumption, in NI/min | 200     |      | 300     |      | 400     |      |
| Weight approx., in kg      | 2,500   |      | 2,500   |      | 2,500   |      |
| Length, in mm              | 4,200   |      | 4,900   |      | 4,900   |      |
| Depth, in mm               | 1,745   |      | 1,745   |      | 1,745   |      |
| Height, in mm              | 2,000   |      | 2,000   |      | 2,000   |      |
| Size range, in mm          | min.    | max. | min.    | max. | min.    | max. |
| A                          | 20      | 120  | 25      | 95   | 25      | 75   |
| B                          | 15      | 80   | 15      | 70   | 15      | 70   |
| C                          | 60      | 210  | 60      | 200  | 60      | 160  |
| A+B                        |         | 200  |         | 165  |         | 145  |

