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 synchronisation 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

Technical Data	PC 4150		PC 4201		PC 4250		PC 4300		PC 4350		PC 4400	
Speed up to (cartons/min.)*	150		200		250		300		350		400	
Installed power, in kW	7.5		9		7.5		8.5		8.45		8.5	
Air consumption at max. speed, in Nl/min	150		200		200		300		350		400	
Weight approx., in kg	2,600		2,420		2,500		2,500		2,300		2,500	
Length, in mm	5,950		5,450		5,500		5,500		5,200		5,500	
Depth, in mm	1,750		1,750		1,745		1,745		1,750		1,745	
Height, in mm	2,000		1,970		2,000		2,000		1,970		2,000	
Size range, in mm	min.	max.	min.	max.	min.	max.	min.	max.	min.	max.	min.	max.
A	25	165	20	105	20	120	25	95	25	95	25	75
B	15	100	15	100	15	80	15	70	15	100	15	70
C	60	210	60	160	60	210	60	200	60	200	60	160
A+B		265		205		200		165		195		145

* Depending on product and machine configuration

2023 / 12