



Samfacc SFNK Series | High-speed open-type robot arm

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High-speed open-type robot arm | 200–600 t

Minimum total cycle time 2.8 s – for thin-wall packaging products



The SFNK Series is a three-axis servo-driven, open-structure high-speed robot arm for the fast, repetitive take-out of thin-wall packaging products with 3–6 second cycle times – food containers, cups and sour cream tubs. Minimum total cycle time 2.8 s, take-out time 0.4 s. Premium components: THK linear rails (Japan), Mitsubishi servo motors (Japan), Shimpo reducers (Japan), IGUS cable carrier chain (Germany), Elatech toothed belt (Italy). CE and ISO certified.



Technical features

Parameter	Value
Frame structure	Open
Drive	S3: 3-axis servo / S5: 5-axis servo
Suitable machine	200–600 t
Max. payload	4–8 kg
Min. cycle time	2,8 s
Min. take-out time	0,4 s
Mould memory	100 stored programs
Certifications	CE, ISO

Key benefits

- Min. 2.8 s total cycle time
- THK linear rails and Mitsubishi servo motors
- 100-mould memory – fast mould changeover
- Open frame structure – light, fast movement
- CE and ISO certification
- Double-arm (D) configuration optional

Typical applications

- Thin-wall food containers, cups, tubs
- High-volume production in the plastic packaging industry
- Automation of injection moulding lines on 200–600 t machines
- High-speed take-out where cycle time is critical

Models and technical specifications

Model	Machine (t)	Z (mm)	X (mm)	Y (mm)	Max. payload (kg)	Cycle (s)	Weight (kg)
SFNK950W	200–260	1 320	550	950	4	3.2	230
SFNK1100W	300–400	1 580	550	1 100	4	3.5	275
SFNK1200W	400–500	1 800	550	1 200	4	3.8	285
SFNK1250W	300–450	1 800	620	1 200	8	5.0	320
SFNK1450W	450–600	2 000	840	1 400	8	7.0	345

Cyber in Systems Kft. – Exclusive distributor of Samfacc

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