



Samfacc SFN Series (big) | Standard open-type robot arm

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Standard open-type robot arm | 1 600–3 500 t

Industrial-scale solution – one of the largest robot arms on the market



The SFN Series (big) is a robot arm designed for 1 600–3 500 tonne injection moulding machines. Max. vertical stroke 3 500 mm, max. payload 60 kg, traverse stroke up to 4 430 mm. Six model variants cover the entire clamping force range. A/C rotary axes optional. CE and ISO certified.



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Technical features

Parameter	Value
Frame structure	Open – robust, reinforced
Drive	S3: 3-axis servo / S5 + A/C rotary axes
Suitable machine	1 600–3 500 t
Max. payload	40–60 kg
Cycle time	25–35 s
Take-out time	8–12 s
Mould memory	100 stored programs
Certifications	CE, ISO

Key benefits

- SFN3500W: 60 kg payload, 3 500 mm stroke
- 6 model variants – precise match to the machine size
- A/C rotary axes – complex placement paths
- 100-mould memory – fast mould changeover
- CE and ISO certification
- Robust reinforced frame structure

Typical applications

- Automotive body components and large panels
- Large industrial plastic sheets and floor coverings
- Large industrial crates, tanks, technical parts
- Special applications on 1 600–3 500 t machines

Models and technical specifications

Model	Machine (t)	Z (mm)	X (mm)	Y (mm)	Max. payload (kg)	Cycle (s)	Weight (kg)
SFN2500W	1600–1800	3 300	1 840	2 500	40	25	1 380
SFN2700W	1900–2100	3 550	2 060	2 700	45	28	1 400
SFN2900W	2200–2500	3 800	2 200	2 900	50	30	1 540
SFN3100W	2600–2900	4 010	2 330	3 100	50	33	2 800
SFN3300W	3000–3200	4 220	2 380	3 300	55	35	2 900
SFN3500W	3300–3500	4 430	2 485	3 500	60	35	3 320

Cyber in Systems Kft. – Exclusive distributor of Samfacc

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Contact us for more information and a quotation!