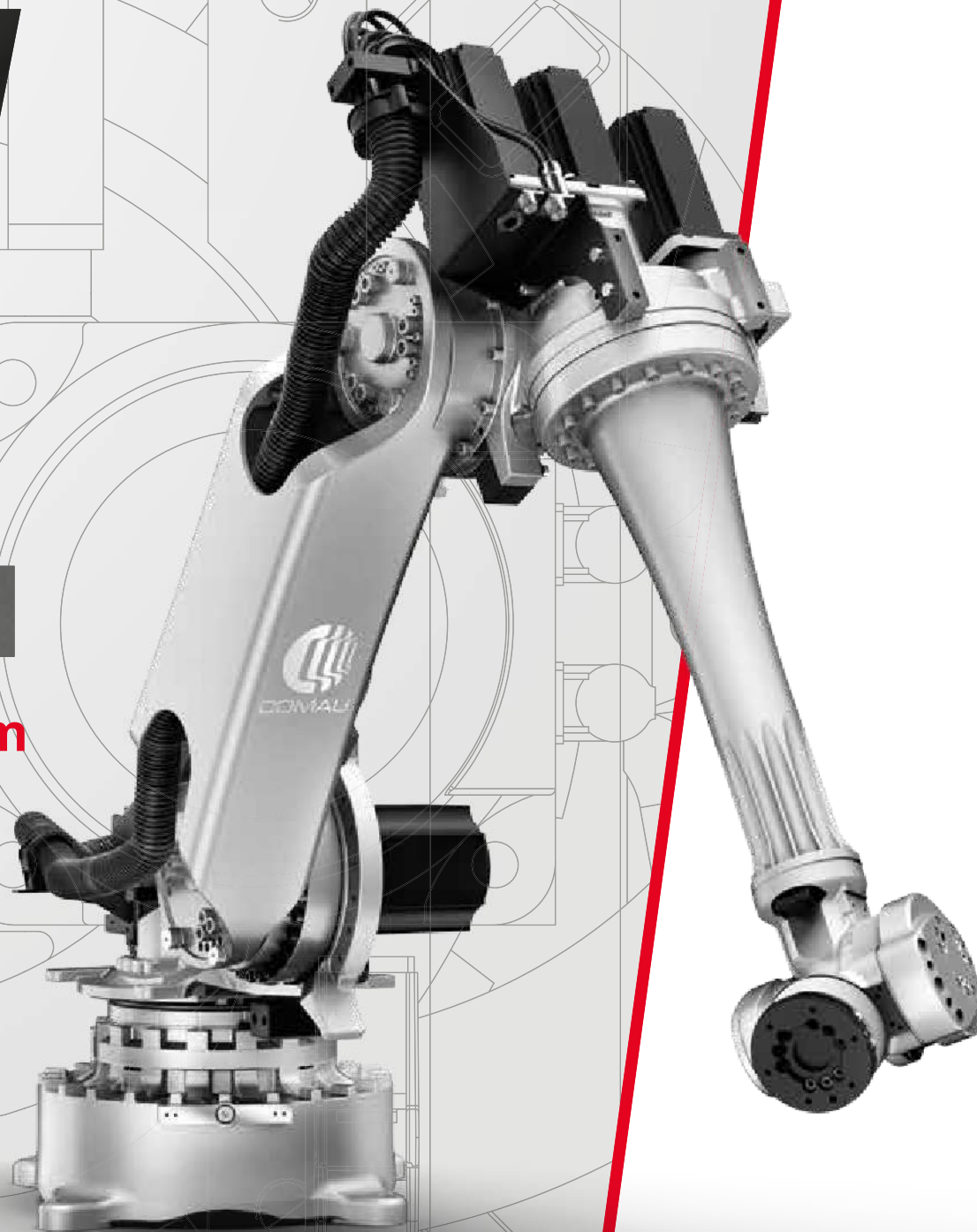


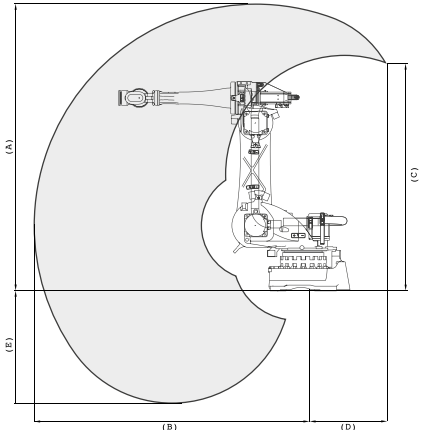
NJ

**A perfect solution for medium
payload applications**

NJ 16 - 3.1



TECHNICAL SPECIFICATIONS

Model		NJ 16 - 3.1	Suggested applications
Number of axes		6	• Arc Welding • Assembly • Cosmetic Sealing • Dispensing • Handling / Packaging • Laser Welding / Cutting • Machine Tending • Measuring / Testing • Plasma Cutting / Water Jet • Polishing / Deburring • Press Brake Bending • Press to Press • Process Machining • Wood / Glass Machining
Maximum wrist payload		16 kg	
Additional load on forearm		12 kg	
Maximum horizontal reach		3108 mm	
Torque on axis 4		43 Nm	
Torque on axis 5		43 Nm	
Torque on axis 6		23 Nm	
Stroke (Speed)	Axis 1	+/- 180° (170°/s)	
	Axis 2	-60° / +125° (150°/s)	
	Axis 3	0° / -170° (165°/s)	
	Axis 4	+/- 2700° (265°/s)	
	Axis 5	+/- 120° (250°/s)	
	Axis 6	+/- 2700° (340°/s)	
Repeatability		0.10 mm	
Tool coupling flange		ISO 9409 - 1 - A63	
Robot weight		680 kg	
Protection class		IP65 / IP67 Foundry Version	
Mounting position		Floor / Ceiling / Sloping (max 45°)	
Operating Areas	A	3258 mm	
	B	3108 mm	
	C	2576 mm	
	D	1088 mm	
	E	1625 mm	