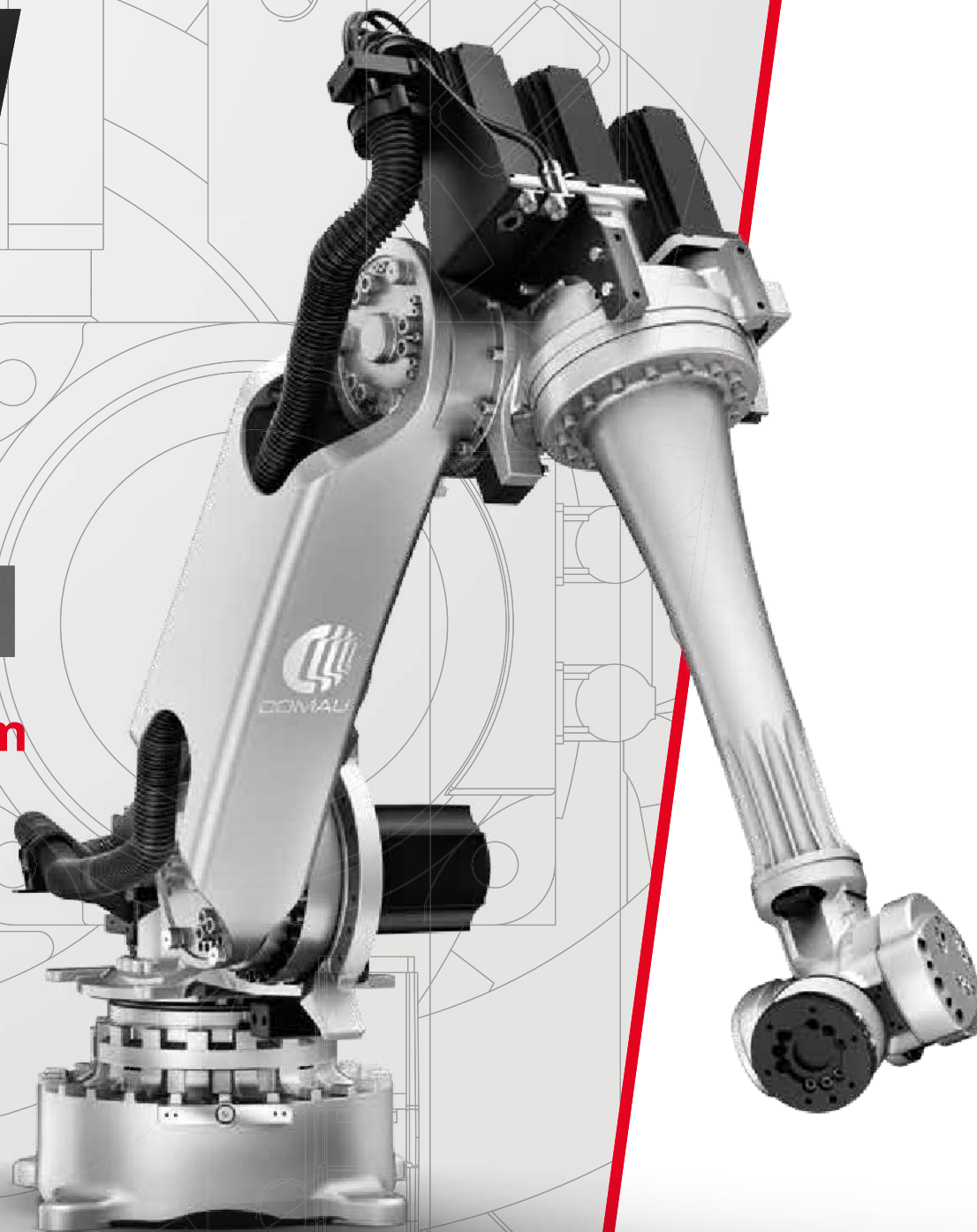


WJ

**A perfect solution for medium
payload applications**

NJ 40 - 2.5

NJ 60 - 2.2



TECHNICAL SPECIFICATIONS

Model	NJ 40 - 2.5	NJ 60 - 2.2	Suggested applications	
Number of axes	6	6	<ul style="list-style-type: none"> • 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	40 kg	60 kg		
Additional load on forearm	35 kg	20 kg		
Maximum horizontal reach	2503 mm	2258 mm		
Torque on axis 4	167 Nm	221 Nm		
Torque on axis 5	167 Nm	221 Nm		
Torque on axis 6	98 Nm	118 Nm		
Stroke (Speed)	Axis 1	+/- 180° (170°/s)		+/- 180° (170°/s)
	Axis 2	-60° / +125° (150°/s)		-60° / +125° (150°/s)
	Axis 3	0° / -165° (165°/s)		0° / -165° (165°/s)
	Axis 4	+/- 2700° (265°/s)		+/- 2700° (265°/s)
	Axis 5	+/- 123° (250°/s)		+/- 123° (250°/s)
	Axis 6	+/- 2700° (340°/s)		+/- 2700° (340°/s)
Repeatability	0.06 mm	0.06 mm		
Tool coupling flange	ISO 9409 - 1 - A100	ISO 9409 - 1 - A100		
Robot weight	655 kg	645 kg		
Protection class	IP65 / IP67 Foundry Version	IP65 / IP67 Foundry Version		
Mounting position	Floor / Ceiling / Sloping (max 45°)	Floor / Ceiling / Sloping (max 45°)		
Operating Areas	A	2653 mm	2408 mm	
	B	2503 mm	2258 mm	
	C	2165 mm	1918 mm	
	D	720 mm	686 mm	
	E	1187 mm	941 mm	

