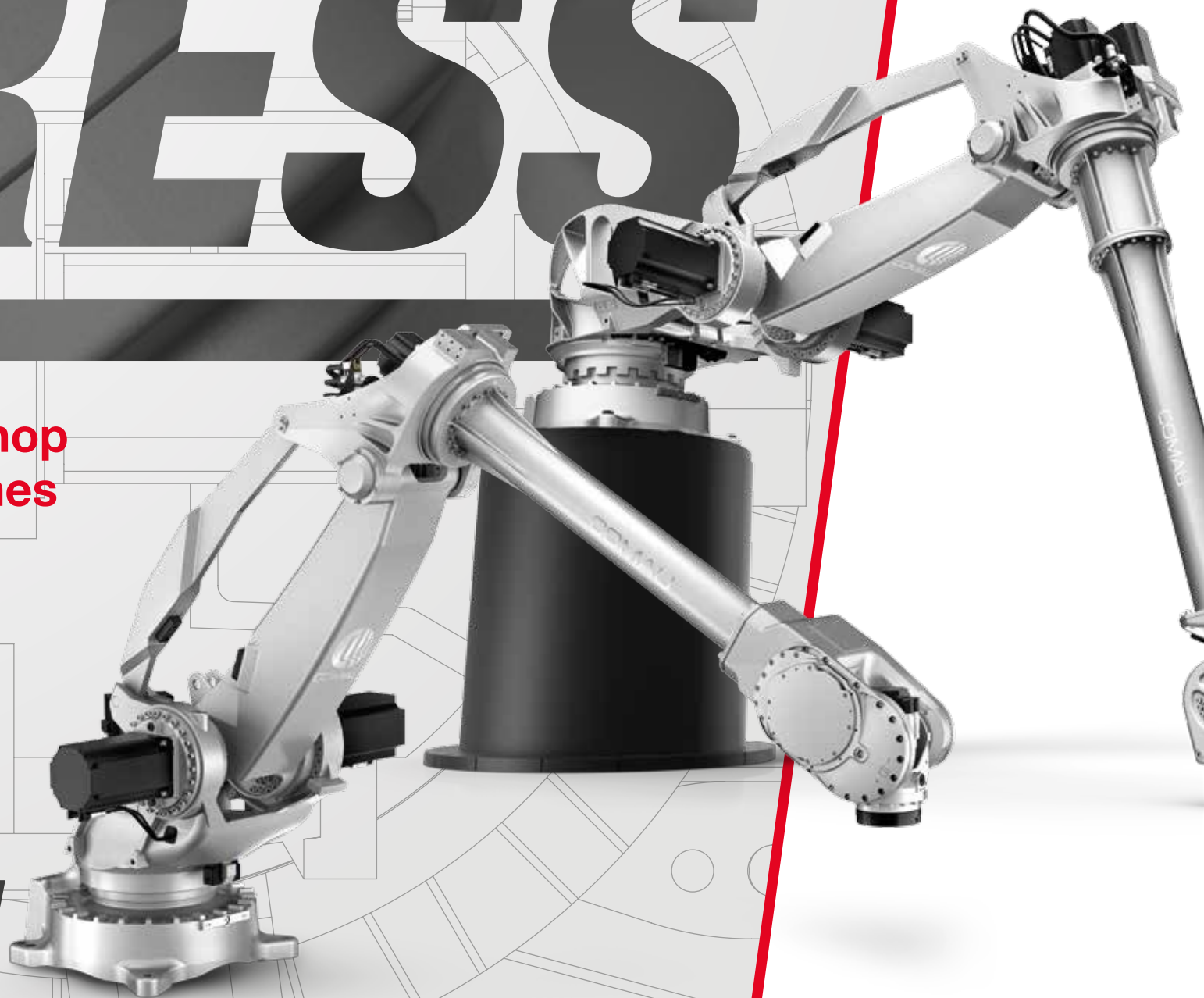


PRESS

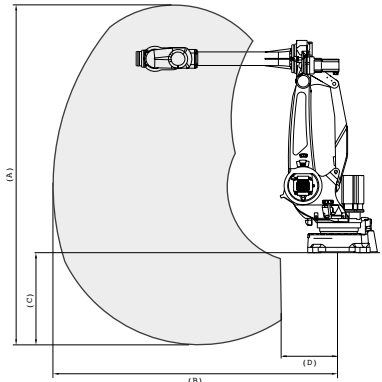
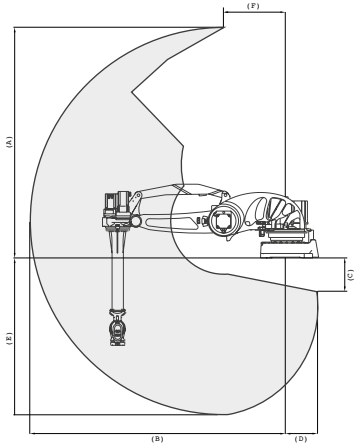
**Dedicated press-shop
automation machines**

NJ 100 - 3.2

NJ 130 - 3.7 SH



TECHNICAL SPECIFICATIONS

Model		NJ 100 - 3.2 PRESS	NJ 130 - 3.7 SH PRESS	Suggested applications
Number of axes		6	6	• Handling / Packaging • Press to Press
Maximum wrist payload		100 kg	130 kg	
Additional load on forearm		50 kg	15 kg	NJ 100 - 3.2 
Maximum horizontal reach		3209 mm	3741 mm	
Torque on axis 4		638 Nm	1225 Nm	NJ 130 - 3.7 SH 
Torque on axis 5		638 Nm	1225 Nm	
Torque on axis 6		280 Nm	648 Nm	
Stroke (Speed)	Axis 1	+/- 180° (120°/s)	+/- 180° (120°/s)	
	Axis 2	-49° / +95° (108°/s)	-60° / +170° (95°/s)	
	Axis 3	-222° / -68° (120°/s)	-292° / -21° (112°/s)	
	Axis 4	+/- 200° (190°/s)	+/- 2700° (180°/s)	
	Axis 5	+/- 120° (190°/s)	+/- 125° (175°/s)	
	Axis 6	+/- 200° (250°/275°/s)	+/- 2700° (250°/s)	
Repeatability		0.17 mm	0.20 mm	
Tool coupling flange		ISO 9409 - 1 - A 125	ISO 9409 - 1 - A 160	
Robot weight		1250 kg	1520 kg	
Protection class		IP44 / IP65 Wrist	IP44 / IP65 Wrist	
Mounting position		Floor	Shelf	
Operating Areas	A	2780 mm	3391 mm	
	B	3209 mm	3741 mm	
	C	2376 mm	712 mm	
	D	962 mm	2386 mm	
	E	1035 mm	850 mm	

