



COBOTS

We extend the wide range of Infranor products for automation with our new COBOT. Collaborative robots can perform varied tasks in numerous applications. Working together with machine operators to increase efficiency in a cost-effective, safe and flexible way even in small workshops.

Working together with an Infranor COBOT:

- Increased productivity and process optimization
- Consistent, accurate performance and flexibility
- Easy to use, quickly installed
- Safe and reliable
- Optimized programming; Robot is programmed automatically through the CNC
- Increased production time
- Quick return on investment

NEW INFRANOR COBOT DCR SERIES



Press brake application example

- ▶ One CNC controlling both the press brake and the collaborative robot
- ▶ Total control and optimized programming for the operator
- ▶ Perfect real time synchronization between the press brake and the robot throughout the entire bending process
- ▶ Significant cost savings and increased efficiency



	DCR-700-3-6	DCR-1000-5-6	DCR-1100-8-6	DCR-1300-10-6	DCR-1000-15-6	DCR-1700-20-6						
Weight (Kg)	16	24	30	38	32	65						
Payload (Kg)	3	5	8	10	15	20						
Reach	700	1000	1100	1300	1000	1700						
Degrees of freedom	6											
Repeat Positioning Accuracy	±0.02	±0.03	±0.03	±0.03	±0.03	±0.05						
IP Class	54											
Sensors	Six-dimensional torque sensor											
I/O	2 inputs, 2 outputs											
End actuator velocity	<2m/s											
Field bus	Ethercat											
Voltage	48DC											
Installation	Floor-mounted, inverted, cantilevered											
Axis	Working range	Max. speed	Working range	Max. speed	Working range	Max. speed	Working range	Max. speed	Working range	Max. speed	Working range	Max. speed
Joint 1	±180°	±180°/s	±180°	±125°/s	±180°	±125°/s	±180°	±125°/s	±180°	±125°/s	±180°	±125°/s
Joint 2		±180°/s		±125°/s		±125°/s		±125°/s				
Joint 3		±180°/s		±180°/s		±125°/s		±125°/s				
Joint 4		±200°/s		±200°/s		±180°/s		±180°/s				
Joint 5		±200°/s		±200°/s		±180°/s		±180°/s				
Joint 6		±200°/s		±200°/s		±180°/s		±180°/s				

