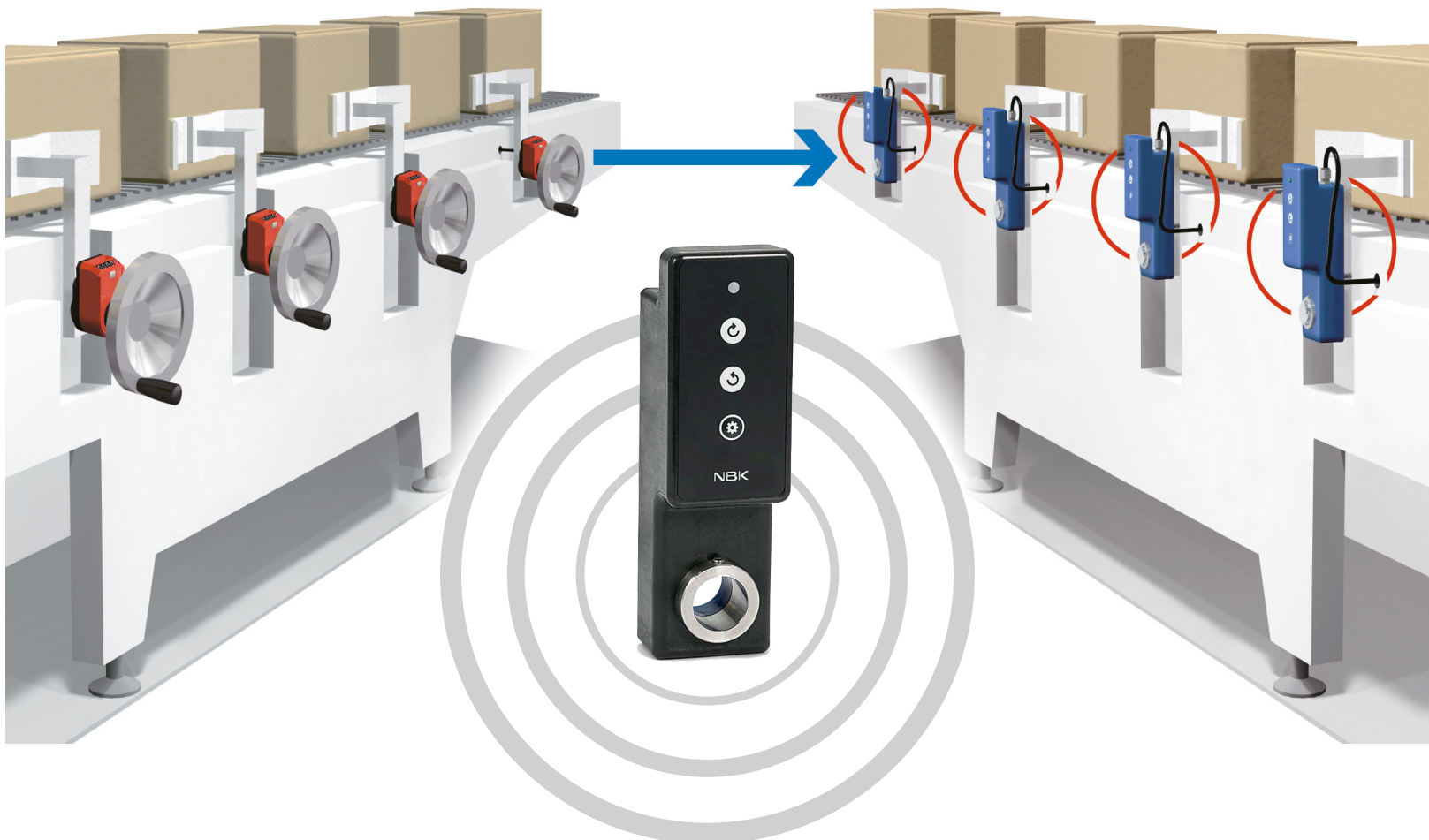




NBK[®]

The Motion Control Components

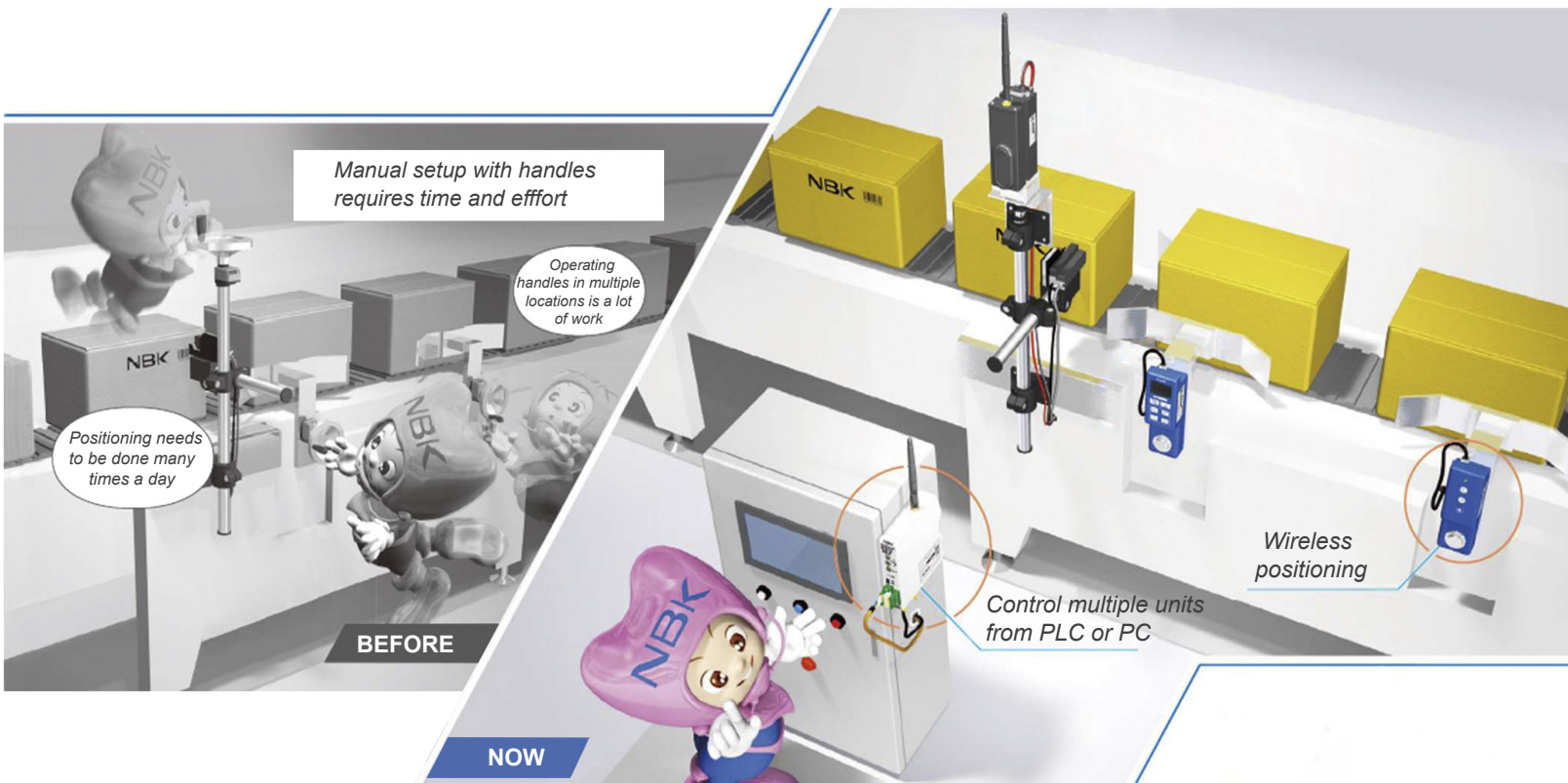
AUTO-POSITIONING UNITS



POSITIONING SOLUTION

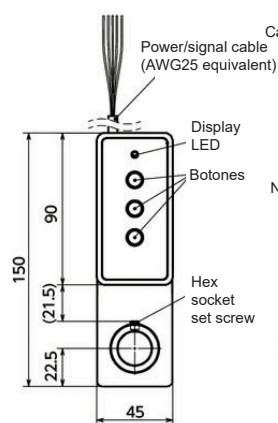
EPU-220

- It combines the benefits of automatic shifting with the advantages of wireless technology.
- Easily replaces handwheels and position indicators.
- Integrates motor, encoder, controller and antenna.
- Robust housing resistant to water and dust. IP65 protection.
- Automated positioning of multiple locations (simultaneous control of up to 32 units).
- CC-Link and EtherNet IP compliant.

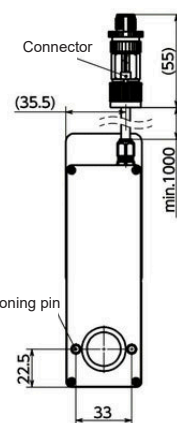


MODELS

EPU-220-A



EPU-220-B



Unit: mm

RELATED PRODUCTS



EORP-200
Repeater hubs



EOCA-200
Cables for
repeater hubs



EOCL-200
Collars

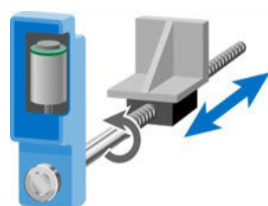


EOTAP-200
Mounting plates for high
torque adapters



EOAT-200
High torque
adapters

BALL SCREW



The built-in motor rotates the feed screw, grasping the current position via the encoder and stopping at the target position. Positioning is automated with the feed screw.

PERFORMANCE

Power source voltage	24 V CC ± 10 %	
Current consumption	Waiting	20 mA
	Rated	0,6 A
	Máx.	1 A
Rated output	5 W	
Rated rotation frequency	60 ± 10 rpm	
Rated torque	0,8 N·m	
Continually usable time	1 minut or less * 1	
Output shaft Max. allowable load	Radial load	19,6 N * 2
	Thrust load	19,6 N * 2
Output shaft retention torque	0,7 N·m * 3	
Stop accuracy	± 5 °	
Input	Wireless communication	Comunicación inalámbrica de banda de 2,4 GHz
	Wired communication	RS-485 (2 hilos)
Wireless reach distance (reference value)	Indoors	60 mts
	Outdoors	1200 mts
IP protection class	IP65	
Operating environment	Temperature	-5°C a 55°C (no freezing)
	Humidity	20% HR a 85% HR (no condensation)
	Polution degree	3
	Altitude	2000 mts or less above sea level

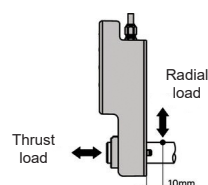
MATERIAL / FINISH

	EPU-220-A	EPU-220-B
Main body	Nylon 6	Nylon 66
Output Shaft	SUS304	SUS304
Cable clamp	Revestimiento de níquel	Revestimiento de níquel
Power/ Signal cable	Oil resistant PVC (matte black)	Oil resistant PVC (matte black)
Connector	-	Zinc alloy nickel plating
Hex socket set screw	SUSXM7	SUSXM7

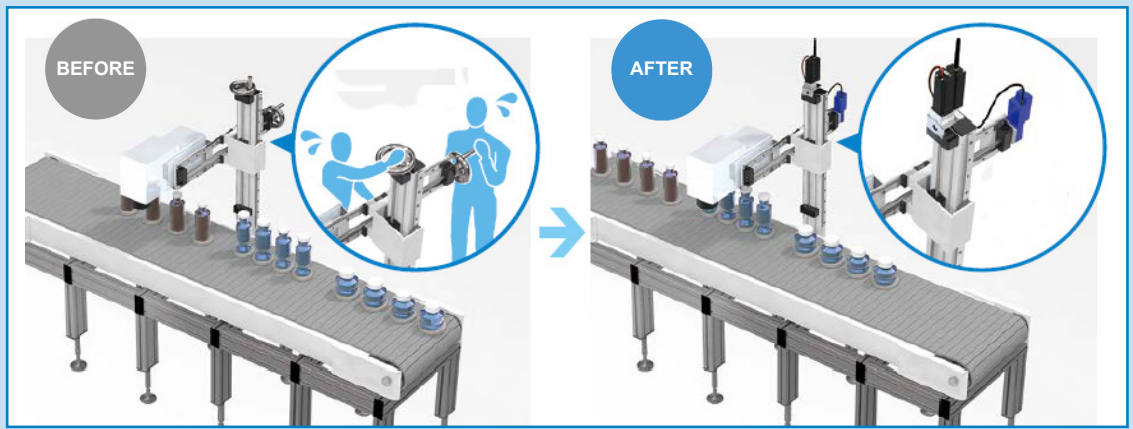
Does not contain any of the 10 chemicals restricted under the RoHS Directives.

* 1 : Let cool for 10 minutes or so after continuous use.

* 2 : Output shaft max. allowable load.



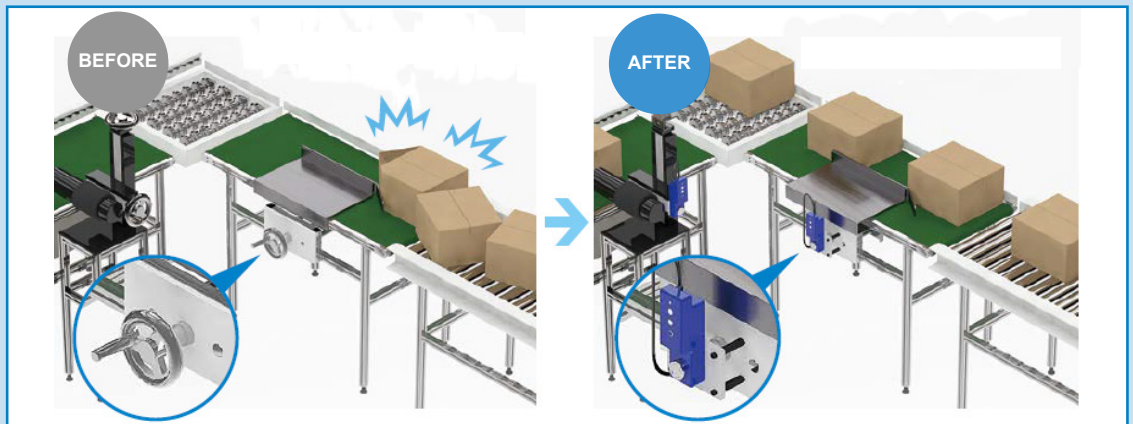
* 3 : Values are for reference only. They are not guaranteed values.



Reduction of setup work time on multi-model production lines



Automation of dangerous setup work



Reduces setup errors due to manual work



Improved work efficiency in locations with poor operability

