



WHO WE ARE

We are specialists in design and manufacturing of ergonomic workstations and solutions for assembly lines. We aim to become the best in class for product quality and efficiency.

We will continue to develop high technology and esthetic content products, keeping in mind that they have to be easy to use and cost competitive.

Environmental sustainability and man health will always be our focus.



HIGH TECHNOLOGY
CONTENTS



PEOPLE
HEALTH



USER
FRIENDLY



ENVIRONMENTAL
SUSTAINABILITY



POSIX & POSIX PRO

POSITIONING SYSTEMS
FOR TIGHTENING AND ASSEMBLY



BNP s.r.l.

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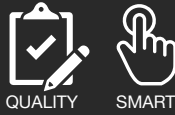
ENGLISH



TIGHTENING SEQUENCE CONTROL WITH TORQUE REACTION ARMS "SMART" QUALITY

THE BEST SOLUTION FOR TIGHTENING SYSTEMS CONTROL

- ENABLES THE OPERATION ONLY IN THE RIGHT POSITION
- ALLOWS TO TRACE THE PROCESS



EFFICIENCY AND CONTROL ADVANCED TECHNOLOGY

Precision and time reduction
Research and development application

THE BEST SOLUTION FOR TIGHTENING SYSTEM CONTROL

- EXTERNAL MACHINERY MANAGEMENT
- REMOTE CONTROL AND INTERFACEABLE WITH ERP

POSIX

FEATURES

- Up to 500 data recording of tightening phases
- Communication with power tool control units by digital I/O
- Interfaceable with many brands of control unit.
- HMI with 7" touch screen
- Intuitive and easy programming
- Operator visual aid through pictures/CAD of the real part
- Can be used with all range of BNP arms
- Encoders management
- Command of part locking/unlocking before assembly
- Barcode detection

FIELD OF APPLICATION

Positioning systems for position torque reaction arms are used to guarantee "mistake-proof" tightening process.

To be used for control of:
 + TORQUE REACTION ARMS WITH ENCODERS



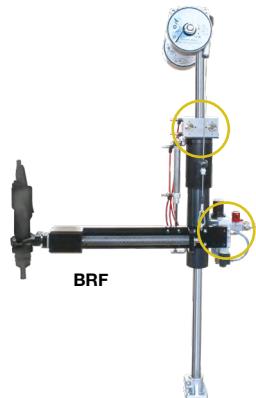
POSIX

POWER TOOL CONTROL UNITS



control unit connection

power tool connection



BRF

INSTALLATION EXAMPLE

POSIX PRO

FEATURES

- The same use of Posix and in addition:*
- Communication with power tool control units
 - Visual instruction management (pdf, videos, images...)
 - Pick to light system management
 - Assembly model recognition
 - Interfaceable with ERP
 - Visualization of work phases
 - Workplace and assembly components graphic reproduction
 - Barcode print and detection
 - Management of socket tray
 - Operator recognition
 - Multilingual instructions

Not included:

- Monitor touch screen with custom sizes
- PC and "machine side"

For the control of:
 + TORQUE REACTION ARMS WITH ENCODERS
 + SOCKET TRAY
 + PICK TO LIGHT SYSTEM



POSIX PRO

FIELD OF APPLICATION

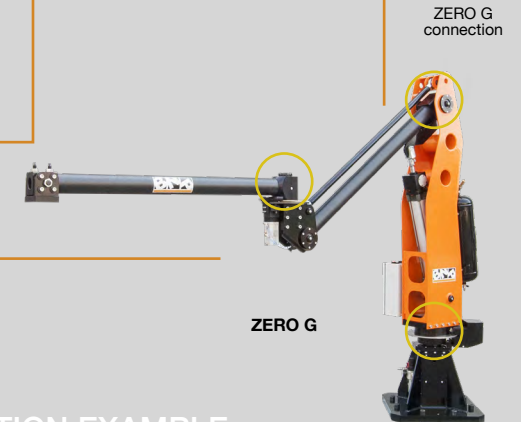
Posix PRO control system is used when you need to monitor and trace assembly processes.

POWER TOOL CONTROL UNITS



control unit connection

power tool connection



ZERO G

ZERO G connection

INSTALLATION EXAMPLE