COUNTROLL®
MANAGE | MONITOR | MEASURE

Manage, monitor and measure your rollers and roller data to optimize your workflow & production process.

Countroll® offers, thanks to its integrated hardware and software, **3 optimization solutions** for your customer rollers:

- Roller management: **QR tag** + software*
- Roller monitoring: **sensor** + software*
- Roller measurement: **nip kit** + software*
  * software: countroll® android & IOS app & web portal

MANAGEMENT: QR label & software

Add value to your roller and save time by consulting and managing all your roller documents, wherever you are at any time. Just scan the QR TAG with the countroll® app and get instantly access to your roller data, documents, history and timelines in one central place.
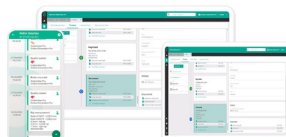
At Hannecard, each roller is tagged twice and and the consulting of the data on the app and web app is free for the the customer. Only additional . Only additional QR labels are payable.

- standard label
- extremely resistant to: temperature (-40°C to 300°C), PCB washes, ovens, chemicals & solvents, abrasion, cuts
- available in 2 sizes: 10 x 12 mm and 18 x 20 mm
- pricing additional labels: € 1,00 / label (minimum order 100 units)

- steel / alu label
- extremely resistant: especially designed for humid & chemical environments
- available in stainless steel: square (40 x 40 mm) and round (30 mm)
- available in aluminium: square (40 x 40 mm)
- pricing additional labels: € 20,00 / label (minimum order 100 units)

- countroll® app: scan the QR TAG to get quick access to roller data and documents.
- countroll® web portal: access and manage detailed roller and covering data

Unique Selling Propositions:

- consulting roller documents & data
- creating events & history for each roller
- adding documents, events & pictures to rollers
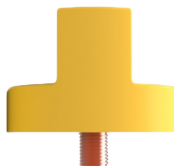- viewing roller timelines
- location tracking

MONITORING: sensor & software

Measure and store continuously rotations and temperature of your rollers in order to improve your quality & machines lifetime and to optimize your production process.
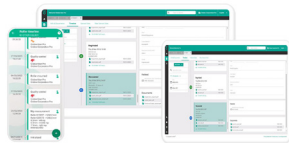
No need to equip all rollers. Only a few critical positions can already give you a complete overview of your production line.

- standard Bluetooth sensor
- use smartphone as gateway or install gateway device
- rotation and temperature measurement
- collecting & transmitting the data to cloud platform
- data accessible through countroll® web portal
- dust proof (IP 54)
- replaceable battery: average lifetime 6 months to 1 year
- pricing: € 1.200,00 / 4 units + 10 countroll® QR labels

- sealed Bluetooth sensor
- use smartphone as gateway or install gateway device
- rotation and temperature measurement
- collecting & transmitting the data to cloud platform
- data accessible through countroll® web portal
- water, solvent & dust proof (IP67)
- non replaceable battery: average lifetime 6 months to 1 year
- pricing: € 1.200,00 / 4 units + 10 countroll® QR labels

- configuration through app
- web portal dashboard consultation: temperature, rotation & speed
- graphical visualizations
- cloud based & secure
- Export of raw data via .CSV export or via API

Unique Selling Propositions of the sensor:

- detecting roller and slip issues
- machine & production process optimization
- roller lifecycle insights & anomaly detection
- less unplanned production stops
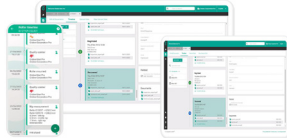- extraction of line speed deceleration and acceleration

Additional product

- gateway device
- pricing: € 400,00

MEASUREMENT: nip & software

Thanks to the unique countroll® 3 nip system, you can optimize the nip pressure and calculate the crown correction of your rollers resulting in a better production process and quality. The data are instantly readable through the countroll® app.

- countroll suitcase:
- 3 bluetooth NIP devices with 3 extra long strips especially developed for rollers
- 5 additional measurement strips
- 10 QR labels

- NIP measurement & crown calculation readable through countroll® app
- consultation of previous NIP measurements & crown calculations countroll® in app & webapp

Pricing

- € 3.990,00 / suitcase
- € 3.190,00 / refurbished suitcase
- additonal measurement strip: € 190,00 / unit
- One month trial period (suitcase rental): € 750 / m
- nip measurement by roller expert: € 490,00 for the first measurement on site (€ 150,00 for each additional measurement)

Specifications

- Bluetooth transmission
- max working temperature: -10° to 60°C
- max strip pressure 33 kg/cm2
- strip length: 350 mm
- sensing strip zone: 110 mm
- minimum nip width 0,5 mm