

# IXB – BATTERY TOOLS WITH INTEGRATED CONTROLLER

The first transducerized battery tools without the need of an external controller in Atlas Copco portfolio with a full scope of PF6-like features and benefits.

Consisting of two most advanced transducerized battery tools that bring countless number of possibilities for modern production built on Industry 4.0 principles.

Available in five variants:

- ITB-A - angle models
- ITB-P - pistol models
- ITB-S - straight models
- ICB-A - compact angel models
- ICB-Q - quick change angle gear compact models



## MAIN TECHNICAL PARAMETERS

|                              |                                                                                                                                                 |
|------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Accuracy:</b>             | 2 types of a transducer:<br>± 3,5 % according to ISO 5393; ± 5 % according to ISO 5393                                                          |
| <b>Torque Range:</b>         | ITB – Integrated controller Transducerized Battery tool: 1 – 200 Nm<br>ICB – Integrated controller Compact transducer Battery tool: 1,5 – 20 Nm |
| <b>Speed:</b>                | ITB: up to 2972 RPM; ICB: up to 1200 RPM; possible change during operation                                                                      |
| <b>Connectivity</b>          | USB, Wi-Fi, Open Protocol, Digi I/O (by using I/O hub)                                                                                          |
| <b>Virtual Station types</b> | Station Control, Critical Control, Process Control                                                                                              |
| <b>Tightening programs</b>   | Up to 1000 Psets; Up to 250 Batch sequences; Multistep                                                                                          |
| <b>Target parameters</b>     | Torque, angle, based on actual joint characteristics – seating strategy, yield strategies                                                       |
| <b>Control parameters</b>    | Torque, angle (rotation), speed, seating point, yield point                                                                                     |
| <b>Results memory</b>        | 10 000 results<br>10 000 graphs                                                                                                                 |

## FEATURES

- Controller integrated in a tool
- Virtual stations concept
- Features Management concept (scaling functionality)
- Advanced tightening strategies
- Snag gradient – seating strategy
- Multistep strategy
- Full traceability
- Industry 4.0 ready
- Wireless connectivity (Wi-Fi and Bluetooth)
- Improved tool speed
- Wide range of a tool / station accessories
- Can be connected to Power Focus 6000 and Power Focus 8

## BENEFITS

- Fast, stable and reliable communication / data collection (improved wireless performance)
- Space savings (no HW controller needed)
- Lower installation costs (easier installation processes)
- Smart flexibility (while building a production line / rebalancing)
- Easier joint accessibility (adjustable tool head)
- Comfortable ergonomics (adjustable tool trigger, reduced tool weight and size)
- Improved productivity (tool speed)
- Fast and easy tool management (modern & user-friendly SW)
- Reduction of defects and repairs (advanced tightening strategies, error-proofing)

| Model              | Battery<br>V | Torque<br>range<br>Nm | Max<br>speed<br>rpm | Output shaft<br>type<br>In | Weight incl<br>battery<br>kg | Length<br>mm | Width<br>mm | Angle<br>head | Ordering No. |
|--------------------|--------------|-----------------------|---------------------|----------------------------|------------------------------|--------------|-------------|---------------|--------------|
| ITB-S31-05-10      | 14 V & 18 V  | 1 - 5                 | 3529                | sq. 3/8 in                 | 2.1 kg                       | 427          | 74.5        | straight      | 8436 0130 05 |
| ITB-S31-10-10      | 14 V & 18 V  | 3 - 10                | 1508                | sq. 3/8 in                 | 2.1 kg                       | 427          | 74.5        | straight      | 8436 0130 10 |
| ITB-S61-20-10      | 18 V         | 5 - 22                | 1511                | sq. 3/8 in                 | 2.3 kg                       | 477          | 74.5        | straight      | 8436 0161 20 |
| ITB-S61-30-10      | 18 V         | 7 - 35                | 907                 | sq. 3/8 in                 | 2.4 kg                       | 468          | 74.5        | straight      | 8436 0161 30 |
| ITB-S61-50-13      | 18 V & 36 V  | 10 - 55               | 656                 | sq. 1/2 in                 | 2.8 kg                       | 512          | 74.5        | straight      | 8436 0161 50 |
| ITB-S61-70-13      | 36 V         | 15 - 80               | 448                 | sq. 1/2 in                 | 3.2 kg                       | 529          | 74.5        | straight      | 8436 0161 70 |
| ITB-S61-90-13      | 36 V         | 18 - 95               | 352                 | sq. 1/2 in                 | 3.2 kg                       | 529          | 74.5        | straight      | 8436 0161 90 |
| ITB-S61-120-13     | 36 V         | 36 - 120              | 307                 | sq. 1/2 in                 | 3.2 kg                       | 529          | 74.5        | straight      | 8436 0160 12 |
| ITB-S61-120-13-HMI | 36 V         | 36 - 120              | 307                 | sq. 1/2 in                 | 3.3 kg                       | 529          | 74.5        | straight      | 8436 0161 12 |