

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

Accuracy:	2 types of a transducer: $\pm 3,5$ % according to ISO 5393; ± 5 % according to ISO 5393
Torque Range:	ITB – Integrated controller Transducerized Battery tool: 1 – 200 Nm ICB – Integrated controller Compact transducer Battery tool: 1,5 – 20 Nm
Speed:	ITB: up to 2972 RPM; ICB: up to 1200 RPM; possible change during operation
Connectivity	USB, Wi-Fi, Open Protocol, Digi I/O (by using I/O hub)
Virtual Station types	Station Control, Critical Control, Process Control
Tightening programs	Up to 1000 Psets; Up to 250 Batch sequences; Multistep
Target parameters	Torque, angle, based on actual joint characteristics – seating strategy, yield strategies
Control parameters	Torque, angle (rotation), speed, seating point, yield point
Results memory	10 000 results 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 V	Torque range Nm	Max speed rpm	Output shaft type In	Weight incl battery kg	Length mm	Width mm	Angle head	Locking ring	Ordering No.
ITB-A31-05-10	14 V & 18 V	1 - 5	2972	sq. 3/8	2.0	419.6	74.5	90°	-	8436 0030 05
ITB-A31-05-10-H	14 V & 18 V	1 - 5	2972	sq. 3/8	2.0	419.6	74.5	90°	-	8436 0034 05
ITB-A31-05-10-HMI	14 V & 18 V	1 - 5	2972	sq. 3/8	2.1	419.6	74.5	90°	-	8436 0031 05
ITB-A31-05-10-HMI-H	14 V & 18 V	1 - 5	2972	sq. 3/8	2.1	419.6	74.5	90°	-	8436 0035 05
ITB-A31-05-I06	14 V & 18 V	1 - 5	2972		2.0	419.6	74.5	90°	-	8436 0030 06
ITB-A31-05-I06-H	14 V & 18 V	1 - 5	2972		2.0	419.6	74.5	90°	-	8436 0034 06
ITB-A31-05-I06-HMI	14 V & 18 V	1 - 5	2972		2.1	419.6	74.5	90°	-	8436 0031 06
ITB-A31-05-I06-HMI-H	14 V & 18 V	1 - 5	2972		2.1	419.6	74.5	90°	-	8436 0035 06
ITB-A31-10-10	14 V & 18 V	3 - 12	1269	sq. 3/8	2.0	419.6	74.5	90°	-	8436 0030 10
ITB-A31-10-10-H	14 V & 18 V	3 - 12	1269	sq. 3/8	2.0	419.6	74.5	90°	-	8436 0034 10
ITB-A31-10-10-HMI	14 V & 18 V	3 - 12	1269	sq. 3/8	2.1	419.6	74.5	90°	-	8436 0031 10
ITB-A31-10-10-HMI-H	14 V & 18 V	3 - 12	1269	sq. 3/8	2.1	419.6	74.5	90°	-	8436 0035 10
ITB-A31-10-I06	14 V & 18 V	3 - 12	1269		2.0	419.6	74.5	90°	-	8436 0030 11
ITB-A31-10-I06-H	14 V & 18 V	3 - 12	1269		2.0	419.6	74.5	90°	-	8436 0034 11
ITB-A31-10-I06-HMI	14 V & 18 V	3 - 12	1269		2.1	419.6	74.5	90°	-	8436 0031 11
ITB-A31-10-I06-HMI-H	14 V & 18 V	3 - 12	1269		2.1	419.6	74.5	90°	-	8436 0035 11
ITB-A31-15-10	14 V & 18 V	5 - 15	944	sq. 3/8	2.0	419.6	74.5	90°	-	8436 0030 15
ITB-A31-15-10-H	14 V & 18 V	5 - 15	944	sq. 3/8	2.0	419.6	74.5	90°	-	8436 0034 15
ITB-A31-15-10-HMI	14 V & 18 V	5 - 15	944	sq. 3/8	2.1	419.6	74.5	90°	-	8436 0031 15
ITB-A31-15-10-HMI-H	14 V & 18 V	5 - 15	944	sq. 3/8	2.1	419.6	74.5	90°	-	8436 0035 15
ITB-A31-15-I06	14 V & 18 V	5 - 15	944		2.0	419.6	74.5	90°	-	8436 0030 16
ITB-A31-15-I06-H	14 V & 18 V	5 - 15	944		2.0	419.6	74.5	90°	-	8436 0034 16
ITB-A31-15-I06-HMI	14 V & 18 V	5 - 15	944		2.1	419.6	74.5	90°	-	8436 0031 16
ITB-A31-15-I06-HMI-H	14 V & 18 V	5 - 15	944		2.1	419.6	74.5	90°	-	8436 0035 16
ITB-A31-20-10	18 V	5 - 22	681	sq. 3/8	2.2	453.5	74.5	90°	-	8436 0030 20
ITB-A31-20-10-H	18 V	5 - 22	681	sq. 3/8	2.2	453.5	74.5	90°	-	8436 0034 20
ITB-A31-20-10-HMI	18 V	5 - 22	681	sq. 3/8	2.3	453.5	74.5	90°	-	8436 0031 20
ITB-A31-20-10-HMI-H	18 V	5 - 22	681	sq. 3/8	2.3	453.5	74.5	90°	-	8436 0035 20
ITB-A61-100-13	36 V	20 - 100	279	sq. 1/2	3.5	540.3	74.5	90°	-	8436 0060 10
ITB-A61-100-13-H	36 V	20 - 100	279	sq. 1/2	3.5	540.3	74.5	90°	-	8436 0064 10
ITB-A61-100-HAD	36 V	20 - 100	279		3.6	541.3	74.5	90°	-	8436 0060 12
ITB-A61-100-13-HMI	36 V	20 - 100	279	sq. 1/2	3.6	540.3	74.5	90°	-	8436 0061 10
ITB-A61-100-13-HMI-H	36 V	20 - 100	279	sq. 1/2	3.6	540.3	74.5	90°	-	8436 0065 10
ITB-A61-100-HAD-HMI	36 V	20 - 100	279		3.7	541.3	74.5	90°	-	8436 0061 12
ITB-A61-150-13	36 V	30 - 160	195	sq. 1/2	4.2	576.5	74.5	90°	-	8436 0060 15
ITB-A61-150-13-H	36 V	30 - 160	195	sq. 1/2	4.2	576.5	74.5	90°	-	8436 0064 15
ITB-A61-150-HAD	36 V	30 - 160	195		4.3	577.2	74.5	90°	-	8436 0060 16
ITB-A61-150-13-HMI	36 V	30 - 160	195	sq. 1/2	4.3	576.5	74.5	90°	-	8436 0061 15
ITB-A61-150-13-HMI-H	36 V	30 - 160	195	sq. 1/2	4.3	576.5	74.5	90°	-	8436 0065 15
ITB-A61-150-HAD-HMI	36 V	30 - 160	195		4.4	577.2	74.5	90°	-	8436 0061 16
ITB-A61-180-13	36 V	35 - 180	165	sq. 1/2	4.2	576	74.5	90°	-	8436 0060 18
ITB-A61-180-13-H	36 V	35 - 180	165	sq. 1/2	4.2	576	74.5	90°	-	8436 0064 18

Model	Battery	Torque range	Max speed	Output shaft type	Weight incl battery	Length	Width	Angle head	Locking ring	Ordering No.
	V	Nm	rpm	In	kg	mm	mm			
ITB-A61-180-HAD	36 V	35 - 180	165		4.3	577.2	74.5	90°	-	8436 0060 19
ITB-A61-180-13-HMI	36 V	35 - 180	165	sq. 1/2	4.3	576	74.5	90°	-	8436 0061 18
ITB-A61-180-13-HMI-H	36 V	35 - 180	165	sq. 1/2	4.3	576	74.5	90°	-	8436 0065 18
ITB-A61-180-HAD-HMI	36 V	35 - 180	165		4.4	577.2	74.5	90°	-	8436 0061 19
ITB-A61-200-20	36 V	40 - 200	165	sq. 3/4	4.3	578	74.5	90°	-	8436 0060 20
ITB-A61-200-20-H	36 V	40 - 200	165	sq. 3/4	4.3	578	74.5	90°	-	8436 0064 20
ITB-A61-200-HAD	36 V	40 - 200	165		4.3	579.3	74.5	90°	-	8436 0060 21
ITB-A61-200-20-HMI	36 V	40 - 200	165	sq. 3/4	4.4	578	74.5	90°	-	8436 0061 20
ITB-A61-200-20-HMI-H	36 V	40 - 200	165	sq. 3/4	4.4	578	74.5	90°	-	8436 0065 20
ITB-A61-200-HAD-HMI	36 V	40 - 200	165		4.5	578.3	74.5	90°	-	8436 0061 21
ITB-A61-25-10	18 V & 36 V	6 - 28	1294	sq. 3/8	2.3	478	74.5	90°	-	8436 0060 25
ITB-A61-25-10-H	18 V & 36 V	6 - 28	1294	sq. 3/8	2.3	478	74.5	90°	-	8436 0064 25
ITB-A61-25-10-HMI	18 V & 36 V	6 - 28	1294	sq. 3/8	2.4	478	74.5	90°	-	8436 0061 25
ITB-A61-25-10-HMI-H	18 V & 36 V	6 - 28	1294	sq. 3/8	2.4	478	74.5	90°	-	8436 0065 25
ITB-A61-30-10	18 V & 36 V	7 - 35	977	sq. 3/8	2.3	479.5	74.5	90°	-	8436 0060 30
ITB-A61-30-10-H	18 V & 36 V	7 - 35	977	sq. 3/8	2.3	479.5	74.5	90°	-	8436 0064 30
ITB-A61-30-HAD	18 V & 36 V	7 - 35	977		2.9	501.1	74.5	90°	-	8436 0060 32
ITB-A61-30-10-HMI	18 V & 36 V	7 - 35	977	sq. 3/8	2.4	479.5	74.5	90°	-	8436 0061 30
ITB-A61-30-10-HMI-H	18 V & 36 V	7 - 35	977	sq. 3/8	2.4	479.5	74.5	90°	-	8436 0065 30
ITB-A61-30-HAD-HMI	18 V & 36 V	7 - 35	977		3.0	501.1	74.5	90°	-	8436 0061 32
ITB-A61-40-10	18 V & 36 V	8 - 40	977	sq. 3/8	2.5	491.5	74.5	90°	-	8436 0060 40
ITB-A61-40-10-H	18 V & 36 V	8 - 40	977	sq. 3/8	2.5	491.5	74.5	90°	-	8436 0064 40
ITB-A61-40-10-HMI	18 V & 36 V	8 - 40	977	sq. 3/8	2.6	491.5	74.5	90°	-	8436 0061 40
ITB-A61-40-10-HMI-H	18 V & 36 V	8 - 40	977	sq. 3/8	2.6	491.5	74.5	90°	-	8436 0065 40
ITB-A61-50-10	18 V & 36 V	10 - 55	587	sq. 3/8	2.5	491.5	74.5	90°	-	8436 0060 50
ITB-A61-50-10-H	18 V & 36 V	10 - 55	587	sq. 3/8	2.5	491.5	74.5	90°	-	8436 0064 50
ITB-A61-50-HAD	18 V & 36 V	10 - 55	587		3.0	492.5	74.5	90°	-	8436 0060 52
ITB-A61-50-10-HMI	18 V & 36 V	10 - 55	587	sq. 3/8	2.6	491.5	74.5	90°	-	8436 0061 50
ITB-A61-50-10-HMI-H	18 V & 36 V	10 - 55	587	sq. 3/8	2.6	491.5	74.5	90°	-	8436 0065 50
ITB-A61-50-HAD-HMI	18 V & 36 V	10 - 55	587		3.1	492.5	74.5	90°	-	8436 0061 52
ITB-A61-70-13	36 V	15 - 80	424	sq. 1/2	3.0	503.3	74.5	90°	-	8436 0060 70
ITB-A61-70-13-H	36 V	15 - 80	424	sq. 1/2	3.0	503.3	74.5	90°	-	8436 0064 70
ITB-A61-70-13-HMI	36 V	15 - 80	424	sq. 1/2	3.1	503.3	74.5	90°	-	8436 0061 70
ITB-A61-70-13-HMI-H	36 V	15 - 80	424	sq. 1/2	3.1	503.3	74.5	90°	-	8436 0065 70
ITB-A61-40-FS	18 V & 36 V	8 - 40	977		2.5	491.5	74.5	90°	-	8436 0060 41
ITB-A61-50-FS	18 V & 36 V	10 - 55	587		2.5	491.5	74.5	90°	-	8436 0060 51
ITB-A61-70-FS	36 V	15 - 80	424		3.0	503.3	74.5	90°	-	8436 0060 71
ITB-A61-100-FS	36 V	20 - 100	279		3.5	540.3	74.5	90°	-	8436 0066 10
ITB-A61-150-FS	36 V	30 - 160	195		4.2	576.5	74.5	90°	-	8436 0066 15
ITB-A61-180-FS	36 V	35 - 180	165		4.2	576	74.5	90°	-	8436 0066 18
ITB-A61-200-FS	36 V	40 - 200	165		4.3	578	74.5	90°	-	8436 0066 20

