

HACBattery Operated
Semi-Automatic
Torque Wrench

Direction

RoHS



HAC50N

Battery Reference

For battery and charger, Hitachi Koki UC18 series are available commercially.

Battery Charger

BC18YSL3



Battery

BP1830C

BP1860

**Note**

1. Guideline tightening No. is 1500 operations for BP1830C and 3000 operation for BP1860.
2. The guideline is in case of middle joint. It is subject to change due to joint coefficient.

* Bluetooth is a registered trademark of Bluetooth SIG, Inc.

Assembly

Electric

Re-Chargeable

Graduation

Trigger

ISO6789:2017

- More reasonable and accurate than electric hand nutrunner
- Provisional tightening by electric motor and final tightening by hand. Two in one function.
- Pokayoke function is equipped as standard.
- Capable of calibrating by torque wrench tester

Accuracy ±3%

S.I. Model	Torque Range [N·m]		Max. Provisional Tightening torque	Free Speed [r.p.m.]	Overall Length [mm]	Square Drive [mm]	Weight [kg]
	Min.-Max.	Grad.					
HA25N	5~25	0.25	4	1000	406	9.53	1.5
HAC25N							1.9
HAC50N	10~50	0.5	11	1100	445	12.7	2.4
HAC100N	20~100	1	17.5	1000	491		2.8
HAC140N	30~140				557		3.6
HAC200N	40~200	2	30	580	670		

Note

1. Provisional torque is easily changed in 3 levels.
2. Battery charger, Battery, Balancer, Receiver/R-BT, and Adapter/BA-8 are optional.
3. Contact to Tohnichi for condition of wireless equipment in each country.

Standard Accessories

Hex bit W=4/Adjusting tool



HAC with balancer



R-BT

Balancer

Model	Applicable model
343	HAC25N, 50N
344	HAC100N, 140N, 200N

Bluetooth® Receiver

Model	Version
R-BT	V3.0

Note

1. It is receivable up to 4 pcs of HAC.
2. Supplied with DC24V input terminal
3. Communication distance is 10m.

R-BT AC Adapter

Model
BA-8R

Note

AC100-240V is applicable.



BA-8R

HATHANDYTORK/
Battery Operated
Torque Screwdriver

Direction



HAT

HATR



HAT25N

HAT Optional Accessories

Battery

BP-12



Model	Description
BP-12	DC 12V

Battery Charger

BC-1



Part #	Model
820	BC-1 (AC100V)

Assembly

Pistol

Re-Chargeable

Graduation

Trigger

- Easy calibration check with standard torque wrench tester
- Available with reverse and as FH version

Accuracy ±5%

S.I. Model	Torque Range [N·m]		Free Speed [r.p.m.]	Voltage DC [V]	Square Drive [mm]	Weight [kg]
	Min.-Max.	Grad.				
HAT25N	10-25	0.5	700	12	9.5	1.8
HATR25N			140			

Note

1. Torque accuracy is based upon static torque measured by torque wrench tester.
2. HATR/HATRFH has a reverse mode function.
3. HATFH/HATRFH is error-proofing (Pokayoke) type, and it can be used only with R-CM receiver with M-FH radio module (sold separately) as count verification system.
4. Use pneumatic sockets only.
5. HAT battery and battery charger are optional.
6. It is designed for 100V usage only.

Standard Accessories

1. W4 hex key
2. Supportive handle for HAT25N, HATR25N, HATFH25N, HATRFH25N

HATFH

- Wireless error-proofing, Pokayoke, system for HAT
- Tightening completion signal output to eliminate missed tightening

Accuracy ±5%

S.I. Model	Torque Range [N·m]		Free Speed [r.p.m.]	Voltage DC [V]	Square Drive [mm]	Weight [kg]
	Min.-Max.	Grad.				
HATFH25N	10-25	0.5	700	12	9.5	1.8
HATRFH25N			140			

Receiver
R-CM

Refer to page 28 for wireless Pokayoke system configuration.

*Sold separately

POKA Patrol, Count Checker
CNA-4mk3

Refer to page 27.



* Sold Separately

