

Software

User friendly software programming enables operator to design upto 250 pre-sets to be used on different applications and scenarios.

Following strategies arrest most of material, machine and human made errors and provide traceability to improve.

- Torque control and time monitoring
- Torque control and angle monitoring with time
- Angle control and torque monitoring with time



Tool options

RTA tools use the same platform as our standard RT square drive and RTX direct fit tools but with additional sensors and provisions for reversible encoder. Angle encoder option empowers tool to report even a small deviation in angle (2048 readable positions over 360 degree rotation) and report errors.



RTA product range	Ft.lb		Nm	
	Min	Max	Min	Max
Square drive tools				
RT1 A (w/o encoder) RT1 AA (with encoder)	200	1340	271	1817
RT3 A (w/o encoder) RT3 AA (with encoder)	480	3230	651	4379
RT5 A (w/o encoder) RT5 AA (with encoder)	835	5590	1132	7578
RT8 A (w/o encoder) RT8 AA (with encoder)	1200	8000	1627	10845
Direct fit tools				
RTX2 power head	255	1710	346	2318
RTX4 power head	580	3855	786	5226
RTX8 power head	1143	8151	1549	11049
Ratchet Links				
RL02 A (w/o encoder) RL04 A (w/o encoder) RL08 A (w/o encoder)	Check for standard range of available ratchets.			
RL02 AA (with encoder) RL04 AA (with encoder) RL08 AA (with encoder)				
Pumps (220 / 110 V)				
RTA 055 - Opt. 1 (torque, time) 4 port RTA 055- Opt. 2 (torque, angle, time) 1 port RTA 055- Opt. 3 (torque, angle, time) 2 port	Pumps complete with controller, pressure sensor, servo drive, full frame and protection cover			
RTA 150- Opt. 1 (torque, time) 4 port RTA 150- Opt. 2 (torque, angle, time) 1 port RTA 150- Opt. 3 (torque, angle, time) 2 port				
Hoses				
Hoses 4,5m for RTA Hoses 10m for RTA Hoses 15m for RTA Hoses 20m for RTA	With cables for stroke sensor / encoder with protective cover			

RT advance hydraulic wrench system



Controlled, precise and traceable hydraulic bolt tightening



Committed to sustainable productivity

www.atlascopco.com



Atlas Copco RT advance hydraulic wrench system

For years, Atlas Copco has been known for providing electrical transducerised tightening solutions with a technology that keeps you ahead of the game and helps you and your customers to achieve sustainable productive growth.

RT advance is the beginning of our developments towards achieving similar standards with hydraulics.

Features

- Multifunction controller
- HD 10" colour touch screen
- 16GB inbuilt memory
- 4 identifiers for traceability
- User friendly interface
- Torque, angle and time based strategies
- Open protocol / ToolsNet
- VDE / VDI 2862 Part 2 compliant

- 4 USB ports (for bar code reader, label printer etc..)
- 1 VGA
- 1 LAN
- Speaker, mic
- 1 RS232 port

- Class 1 gauge
- Pressure sensor with 0.25% full scale resolution
- Proven solenoid valves
- Reliable couplers.
- Pump options (P55 / P150)



Wifi
Remote access
system support

Highly effective radiator
cooling system for
continuous operation



Full featured remote control with
output signals for Ok, NOK, low
torque, high torque, untightening

Twin-line hose with couplers
and cables with connectors
for sensor and encoder.
Special high resistant wrap
to protect cables and hose
from abrasion, cut or impact.
Different lengths available.



Detachable, reversible angle encoder
Sensor controlled auto cycle
Integrated retainer for square drive tools

