

New and improved

The New UAN-611R & UAN-701R Series

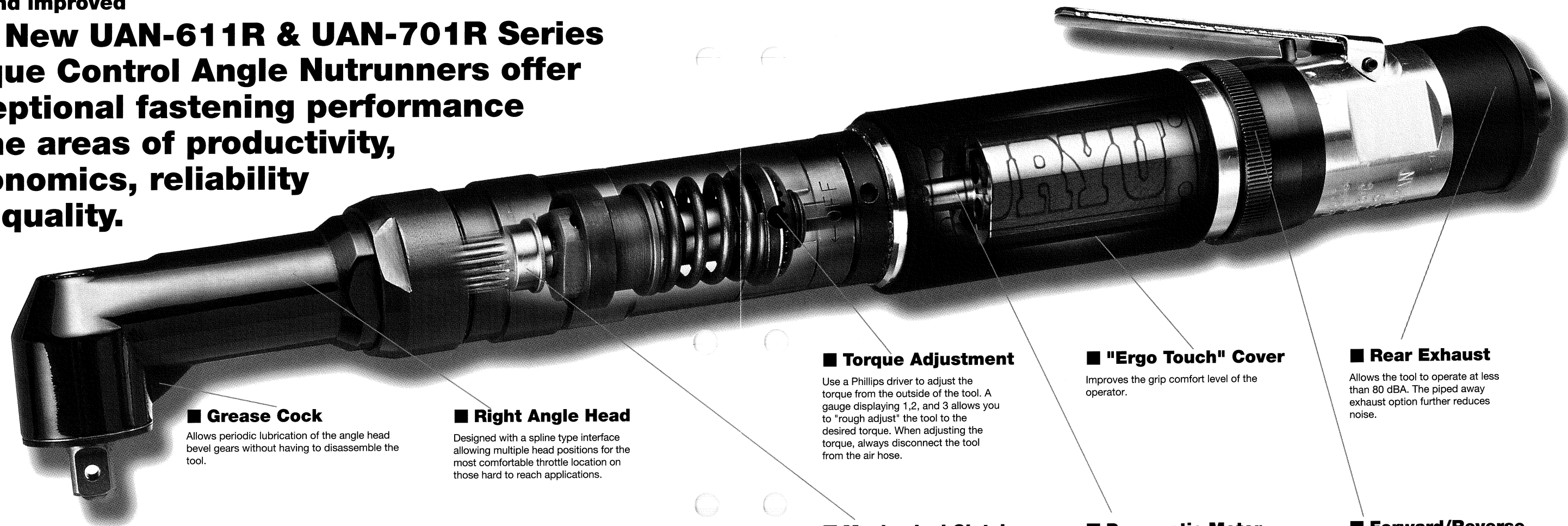
Torque Control Angle Nutrunners offer

exceptional fastening performance

in the areas of productivity,

ergonomics, reliability

and quality.



■ Grease Cock

Allows periodic lubrication of the angle head bevel gears without having to disassemble the tool.

■ Right Angle Head

Designed with a spline type interface allowing multiple head positions for the most comfortable throttle location on those hard to reach applications.

■ Torque Adjustment

Use a Phillips driver to adjust the torque from the outside of the tool. A gauge displaying 1,2, and 3 allows you to "rough adjust" the tool to the desired torque. When adjusting the torque, always disconnect the tool from the air hose.

■ "Ergo Touch" Cover

Improves the grip comfort level of the operator.

■ Rear Exhaust

Allows the tool to operate at less than 80 dBA. The piped away exhaust option further reduces noise.

■ Mechanical Clutch

The Uryu "Ergo Clutch" mechanism offers precise control of torque regardless of joint rate. The benefit is virtually no change in torque even on a joint that varies from 30 degrees of rotation (hard joint) to 720 degrees of rotation (soft joint). ISO 5393 testing reveals a 6-sigma combined capability of less than 20% on all models.

■ Pneumatic Motor

Designed to offer high power performance in a low weight package. The high power feature produces torque efficiently on soft joints and prevailing torque applications. The low weight feature reduces motor inertia and assists in producing accurate torque on hard joints. In addition, the motor is designed for easy maintenance.

■ Forward/Reverse Selector

Allows easy operator adjustment to forward rotation or reverse rotation.

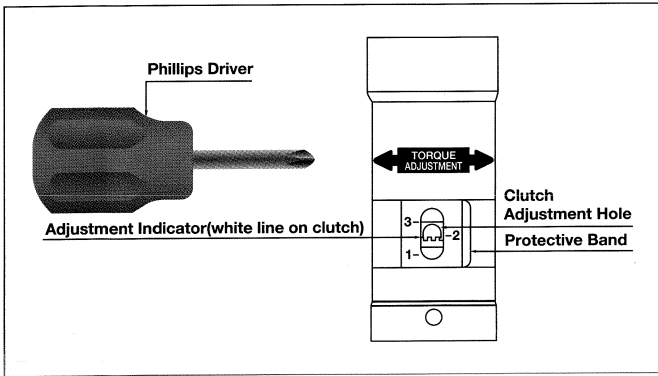
■ Poka-Yoke (OPTION)

A "TM" option is available for bolt counting or "error proofing." This option is used in conjunction with the UTM-1100 Fastener Counter.

Six Performance Advantages

1. Instant shut-off providing increased accuracy and reduced reaction impulse.
2. Low inertia design providing increased accuracy.
3. Simple and accurate method to adjust torque output permitting quick setup.
4. Smooth rolling selector allowing easy adjustment to forward rotation or reverse rotation.
5. Rear exhaust providing low noise operation.
6. Multiple angle head positions allowing comfortable operation on limited access applications.

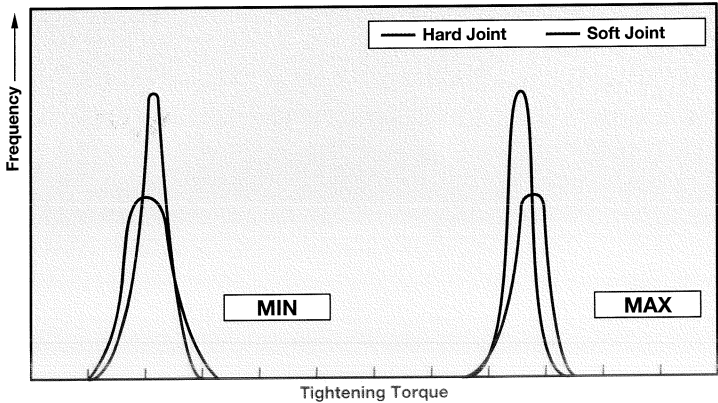
#1. Torque Adjustment



When adjusting the torque, always disconnect the tool from the air hose.

1. Rotate the protective band until the slot of the clutch adjustment gauge becomes visible.
2. Turn the 3/8" square drive of the angle head so the clutch adjustment hole is visible within the clutch adjustment slot.
3. Put the Phillips Driver into the clutch hole and adjust the torque output as follows:
 - Turning the Phillips Driver in the clockwise direction moves the adjustment indicator on the clutch towards the "3" and increases the torque output.
 - Turning the Phillips Driver in the counterclockwise direction moves the adjustment indicator on the clutch towards the "1" and decreases the torque output.
4. After achieving the desired torque output level, rotate the protective band until the slot of the clutch adjustment gauge is completely covered.

#2. Torque Distribution Chart



#3. Noise Level Comparison

