QA4 / QA6 / QA8 Series
Precision Air Nutrunners

888-500-1060
www.GoPro.pro
Because every assembly is critical

There’s much more to an assembly application than merely putting wrench to bolt. It’s an intricate matter of linking tool users and fasteners to deliver an uncompromised combination of accuracy, durability, speed, and ergonomics.

The solution: Ingersoll Rand precision air nutrunners.

Our newly designed precision air nutrunners are compact, lightweight, quiet, and durable enough for the toughest high-volume applications, yet still deliver the speed and accuracy you need. The QA4, QA6, and QA8 Series tools are easy to maintain — which means less downtime — and are fully configurable in straight or angle configurations, shut-off or stall, with fixed or floating spindles, and in a variety of drive sizes up to 225 Nm.

Trusted tools, proven experience

At Ingersoll Rand, we have extensive experience with threaded fastening processes. For more than 100 years, we’ve worked with many of the world’s leading manufacturers in various industries, and we understand the interface of the tool and operator. We know how to leverage the power of ergonomically designed equipment to maximize productivity and inspire progress.

Ingersoll Rand Fastening Portfolio

Ingersoll Rand offers a full line of production fastening equipment, including air and electric screwdrivers, nutrunners, drills, riveters, and pulse tools, as well as hand-held and multi-spindle fixtured DC nutrunners. Whether you need a solution for a single, specific application or an entire assembly line, you can trust our century of tool design experience to meet your needs.

**AIR NUTRUNNERS**

**Stall**
- Excellent durability
- Economical alternative to shutoff tools
- Pressure regulated max torque
- Angle and inline configurations
- Torque Range: 6 to 225 Nm
- Free speed: 90 to 1025 rpm

**Shutoff**
- Excellent accuracy
- Excellent durability
- Excellent repeatability for operator comfort
- Quick shut off limits torque reaction
- Angle and inline configurations
- Torque range: 6 to 225 Nm
- Free speed: 90 to 1050 rpm

**Remote**
- Slim line for easy fixturing
- Excellent accuracy
- Excellent durability
- Excellent ergonomics for operator comfort
- Quick shut off limits torque reaction
- Angle and inline configurations
- Torque range: 6 to 180 Nm
- Free speed: 125 to 1050 rpm
- Compatible with fixtured systems

**Accessories**
- Torque arms
- FRLs
- Hoses and fittings
- Sockets
- Balancers
- Gloves
- Calibration Equipment
- Service and more

**Recommended for**
- Non-critical applications or pressure controlled fixtured applications. Motor runs to stall providing consistent torque repeatability. Applied torque can be adjusted by regulating air pressure, but must be absorbed by the operator or reaction device.

**Recommended for applications where more precise torque control is required.** Tool shuts off when preset torque is achieved, providing excellent repeatability with minimal torque reaction and reduced air consumption. The most accurate clutch available.

**For fixtured applications requiring air tools.** Ingersoll Rand provides an entire line of remote start air tools. These reusable tools run without a lever on fixtured multiples or in a single workstation application.

Take advantage of our extensive line of accessories to optimize your assembly operations and maximize productivity.
Configurable to your application — don’t see your configuration? Contact your Ingold/Balch representative for custom options

Extrneally adjustable precision shutoff clutch for consistent points, ISO 5395 tested

Ergonomic grip for operator comfort

Ideally positioned reverse ring for ease of use

360-degree indexing of angledhead provides maximum flexibility

Easy servicing with quencher wrench

Longer service life through precision machining and heat treatment

Non-lube motor

Quiet operation

Angle Nutrunners

Angle Shutoff Air Nutrunners

<table>
<thead>
<tr>
<th>Model</th>
<th>Motor</th>
<th>@ 90 psi / 620 kPa</th>
<th>rpm</th>
<th>ft-lb (Nm)</th>
<th>rpm</th>
<th>ft-lb (Nm)</th>
<th>lb (kg)</th>
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<tbody>
<tr>
<td>QA4AALS015NP25S06 3/8&quot;</td>
<td>7.4 – 14.8 (10 – 20)</td>
<td>600</td>
<td>5.2 – 9.4 (7 – 12.7)</td>
<td>600</td>
<td>5.3 (1.2)</td>
<td>15.6 (40)</td>
<td>744</td>
<td>3.35 (1.7)</td>
<td>12.8 (32)</td>
<td></td>
</tr>
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<td>600</td>
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<tr>
<td>QA4AALS040NP35S06 1/2&quot;</td>
<td>14.8 – 29.5 (20 – 40)</td>
<td>425</td>
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<tr>
<td>QA8AALS070NP43S08 1/2&quot;</td>
<td>25.8 – 51.6 (35 – 70)</td>
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<tr>
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<td>33.2 – 66.4 (45 – 90)</td>
<td>185</td>
<td>33.2 – 59.0 (45 – 80)</td>
<td>185</td>
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*Note: Highest recommended torque setting for assembly line applications. Exceeding the highest recommended torque setting may result in reduced tool life.

MODEL: 77 psi / 530 kPa

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As with any Ingeroll Rand tool, consult on QA4, QA6, and QA8 Series angle nutrunners to deliver what you need to get the job done reliably and with less effort.
Inline Nutrunners

**Ingersoll Rand precision air nutrunners, fastening accessories, and services set**

- **Longer service life** through precision machining and heat treatment
- **Precision shutoff clutch** tested to 1 million cycles without failure
- **Ergonomic grip**
- **Powerful non-lubemotor**
- **Quiet operation**

**Inline Shutoff Air Nutrunners**

![Inline Shutoff Air Nutrunners](Image)

- @ 90 psi / 620 kPa @ 77 psi / 530 kPa
- **Accuracy** — to ensure the quality of your product.
- **Flexibility** — you get the flexibility to choose the system that fits your application.
- **Durability** — behind every tool and accessory, and offers the service levels you should expect from a leader in the industry.

<table>
<thead>
<tr>
<th>Model</th>
<th>Model in ft-lb (Nm) rpm lb (kg) in (mm) in (mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>QA4ASLS012NP41S06 3/8&quot;</td>
<td>4.4 – 8.8 (6 – 12) 1050</td>
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<tr>
<td>QA4ASLS015NP41S06 3/8&quot;</td>
<td>5.2 – 11.1 (7 – 15) 950</td>
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<td>QA4ASLS020NP41S06 3/8&quot;</td>
<td>7.4 – 16.8 (10 – 22) 800</td>
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<tr>
<td>QA4ASLS027NP41S06 3/8&quot;</td>
<td>10.3 – 19.1 (14 – 27) 600</td>
</tr>
<tr>
<td>QA4ASLS046NP41S06 3/8&quot;</td>
<td>14.8 – 33.5 (20 – 46) 250</td>
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<tr>
<td>QA4ASLS046NP41S08 1/2&quot;</td>
<td>14.8 – 33.5 (20 – 46) 250</td>
</tr>
</tbody>
</table>

**Assembly line audits** — to optimize your fastening processes

- **Highest-quality tools and accessories** — to improve your product quality, line ergonomics and process flow
- **Torque arms and tubes, overhead rail, and hangers** — to enhance the layout, ergonomics, and ultimately the speed of your line
- **Calibration and service contracts** — to ensure your line is running to its full potential day in and day out

**Putting it all together**

**Ingersoll Rand precision air nutrunners, fastening accessories, and services set**

- **Productivity** — Ingersoll Rand delivers a complete solution to get the job done right
- **Accuracy** — Ingersoll Rand delivers the accuracy you need to ensure the quality of your product.
- **Flexibility** — With Ingersoll Rand you get the flexibility to choose the system that fits your application.
- **Durability** — Ingersoll Rand stands behind every tool and accessory, and offers the service levels you should expect from a leader in the industry.

- **2-year warranty** on anglehead and clutch
- **Chuck tested to over 1 million cycles without failure**
- **Proven components** from our world-class QE Series DC tools
- **Long life** reduces your line-cycle costs

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Remote Start

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Remote Start Shut-off Air Nutrunners

<table>
<thead>
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<th>Model</th>
<th>in (mm)</th>
<th>rpm</th>
<th>ft-lb (Nm)</th>
<th>lb (kg)</th>
<th>in (mm)</th>
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<tr>
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<td>4.4 – 8.8 (6 – 12)</td>
<td>270</td>
<td>4.4 – 7.4 (6 – 10)</td>
<td>305</td>
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<tr>
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<td>5.2 – 11.1 (7 – 15)</td>
<td>450</td>
<td>5.2 – 9.4 (7 – 12.7)</td>
<td>391</td>
<td>3.55 (1.61)</td>
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<tr>
<td>QA4ASRS020NF41S06</td>
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<td>450</td>
<td>10.3 – 16.7 (14 – 22.7)</td>
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<tr>
<td>QA4ASRS070NF41S08</td>
<td>1/2”</td>
<td>18.4 – 51.6 (25 – 130)</td>
<td>250</td>
<td>18.4 – 43.0 (25 – 110)</td>
<td>233</td>
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</table>

Ingersoll Rand offers a full line of solutions to maximize your productivity, including single and multi-spindle fixtured systems. Whether a simple, single spindle or a sophisticated set of custom engineered multi-spindle systems, our global network of Solutions Centers is capable of providing the services you need, including: application studies, line audits, design, project management, installation and service.

Fixtured Systems

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QTA Torque Arms

Ingersoll Rand offers an impressive line of ergonomic torque reaction arms that help operators work more safely and comfortably while maximizing efficiency, to ensure product quality and minimize downtime. See the full QTA Torque Arm brochure (IRPS-0907-044) for a complete listing of torque arm products and specifications.

**Additional Accessories**

- **Qualified and Light Hoses**
- **QE Qualifier**
- **FRL Combo Unit**
- **Lubrication**
- **Spring balancer**
- **Calibration Equipment**
- **Tool Repair Fixtures**
- **Maintenance Manuals**

**Tool Accessory Kits**

- **In-Line and Angle Head Boots**
- **Lever Kits**
- **Exhaust Kits**
- **QC Qualifier**
- **Lever Kits (QA4 tools only)**
- **Lubricant Class 1**
- **Angle Head Boots**

**Accessories**

- **Expert Torque Wrench**
- **Calibration Equipment**
- **Expert ETW-E Series**
- **Audit Wrench**
- **Feed Drill**
- **Pulse Tools**
- **DC Tools**

**In-Line and Angle Head Boots**

- **Model**: QA4, QA6, QA8
- **Capacity**: up to 250 Nm
- **Reach**: 22.0 (559)
- **Weight**: 78.7 (2000)

**Audit Wrench**

- **Model**: GEA40-172, GEA40-173, GEA240-173
- **Capacities**: 75 – 150, 150 – 300, 300 – 600 Nm

**Feed Drill**

- **Model**: 52475-AT-C
- **Capacities**: 475 (350)

**Pulse Tools**

- **Model**: SW041107
- **Capacities**: 1/4” NPT

**DC Tools**

- **Model**: 5301064
- **Capacities**: 60 – 150 Nm

**Parts and Maintenance**

- **Order Ingersoll Rand literature please e-mail**: irlitorders@kencook.com

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**Pulse Tools SW041107 Accessories**

- **Model**: SW041107
- **Capacities**: 1/4” NPT

**DC Tools**

- **Model**: 5301064
- **Capacities**: 60 – 150 Nm

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The best equipment deserves the best service

At Ingersoll Rand, we know how important your equipment is to your livelihood. That’s why for the past 100 years we’ve been setting the standard for not just powerful and durable products, but also for providing total solutions that help you get the job done right.

As tough as our equipment is, we also know that it needs to be maintained. When the time comes, let Ingersoll Rand meet your service and repair needs through our expansive Certified Service Network.

Each Certified Service provider has the specialized testing equipment, genuine parts, and skilled training to ensure you’re back up and running at Original Equipment Manufacturer (OEM) specifications.

Global reach, local service

No matter where your facility is located, Ingersoll Rand is committed to serving you 24 hours a day, seven days a week. Our worldwide network of distributors, certified, factory-trained technicians, and engineers are a phone call away — ready to support you with innovative and cost-effective solutions that will keep you running at peak performance.

Repairs done right. Service made simple.

irtools.com/tools/fastening

Ingersoll Rand Industrial Technologies provides products, services and solutions that enhance our customers’ energy efficiency, productivity and operations. Our diverse and innovative products range from compressor, compressed air systems, tools and pumps to material and fluid handling systems and environmentally friendly refrigerants. We also enhance productivity through solutions created by Club Car®, the global leader in golf and utility vehicles, for business and individuals.

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