Air screwdrivers CY, CG

- Torque range: from 7 to 40 Nm
- Automatic air shut-off
- Straight and pistol models
A careful design guarantees long lifetime and reliability of the components which results in high productive process, less maintenance and repair costs.

The torque control system with automatic and immediate air shut-off guarantees high torque repeatability on every type of joint.

The internal gears guarantee constant performances and a longer life for the tool.

Accurate tightenings regardless of the action of the operator and variable joint hardness.

**Tightening at high torques and speeds using CG shut-off clutch models up to 40 Nm.**

Highly performing solutions for any mechanical field where tightenings at high torques achieving good torque repeatability with a good weight/performance ratio and high speed is necessary. The straight models CG complete the range increasing torque achieved, up to 40 Nm.
Optimization of the tool performances in regard to ergonomics and operator safety

Thanks to the careful study of the internal gears, the vibration levels are below than 2,5 m/s² for greater operator’s comfort.

These screwdrivers are extremely noiseless thanks to their built-in silencing system.

Low effort starting button: it reduces finger fatigue.

The pistol grip version is provided with an easy to use doubletrigger starting system: the top button starts rotation to the right; the bottom button starts rotation to the left but is also provided with a locking device which is normally inserted to facilitate tightening operations.

The screwdrivers can also be used with the auxiliary grip (supplied with the tool) to further reduce reaction on the operator’s hand.

All models are supplied with hanging ring for balancer use (balancer) eliminating any operator’s effort.

These air screwdrivers are employed where good repeatability of the tightening torque is needed.

The torque control system permits a considerable reduction of the quality control times.

The silencer on the air exhaust guides the output air flow, making the operator’s task easier.

The CY models are equipped with quick change chuck for a fast accessory replacement. The same is available upon request also for CG25 model.

The high speed of rotation of the nutrunner guarantees a great cycle time reduction.

These air screwdrivers are built using recyclable materials, all the components are easy to dispose of and therefore they won’t be an environmental pollution and/or personal safety hazard.

The technological design of the air motor permits very high decrease of compressed air consumption, without affecting tool performances.

More ergonomics, more productivity

Fiam screwdrivers can be used with BT-MG Magnesium telescopic arms and BC/BCA cartesian arms, especially when high torques are applied. They reduce significantly the operator’s effort, since:

- they eliminate any counter reaction on the hand;
- thanks to balancer used the operator does not need to lift the tool;
- vibrations are reduced or eliminated;
- arms allow keeping a good wrist position.
CG models are available upon request with double signal ports for error proofing.

Screwdrivers with pneumatic pick-up signal

<table>
<thead>
<tr>
<th>Model</th>
<th>Code</th>
<th>Type</th>
<th>Nm</th>
<th>in lb</th>
<th>Nm</th>
<th>in lb</th>
<th>rpm</th>
<th>Type</th>
<th>kg</th>
<th>lb</th>
<th>Øxtxh</th>
<th>Js/s</th>
<th>Drive</th>
<th>dBA</th>
<th>m/s</th>
</tr>
</thead>
<tbody>
<tr>
<td>CY9AM</td>
<td>116309039</td>
<td></td>
<td>7</td>
<td>18</td>
<td>61.95</td>
<td>159.3</td>
<td>800</td>
<td></td>
<td>1,500</td>
<td>3.30</td>
<td>46x315</td>
<td>10</td>
<td>F 1/4&quot;</td>
<td>80</td>
<td>&lt; 2.5</td>
</tr>
<tr>
<td>CY11AM</td>
<td>116309037</td>
<td></td>
<td>7</td>
<td>24</td>
<td>61.95</td>
<td>212.4</td>
<td>550</td>
<td></td>
<td>1,500</td>
<td>3.30</td>
<td>46x315</td>
<td>10</td>
<td>F 1/4&quot;</td>
<td>80</td>
<td>&lt; 2.5</td>
</tr>
<tr>
<td>CY9RAM-WP</td>
<td>116514109</td>
<td></td>
<td>7</td>
<td>16</td>
<td>61.95</td>
<td>141.6</td>
<td>700</td>
<td></td>
<td>1,670</td>
<td>3.67</td>
<td>46x345</td>
<td>10</td>
<td>F 1/4&quot;</td>
<td>80</td>
<td>&lt; 2.5</td>
</tr>
<tr>
<td>CY11RAM-WP</td>
<td>116514911</td>
<td></td>
<td>7</td>
<td>24</td>
<td>61.95</td>
<td>212.4</td>
<td>450</td>
<td></td>
<td>1,670</td>
<td>3.67</td>
<td>46x345</td>
<td>10</td>
<td>F 1/4&quot;</td>
<td>80</td>
<td>&lt; 2.5</td>
</tr>
<tr>
<td>CY9PRAM</td>
<td>116514609</td>
<td></td>
<td>7</td>
<td>16</td>
<td>61.95</td>
<td>141.6</td>
<td>700</td>
<td></td>
<td>1,750</td>
<td>3.85</td>
<td>46x265x175</td>
<td>10</td>
<td>F 1/4&quot;</td>
<td>80</td>
<td>&lt; 2.5</td>
</tr>
<tr>
<td>CY11PRAM</td>
<td>116514611</td>
<td></td>
<td>7</td>
<td>24</td>
<td>61.95</td>
<td>212.4</td>
<td>450</td>
<td></td>
<td>1,750</td>
<td>3.85</td>
<td>46x265x175</td>
<td>10</td>
<td>F 1/4&quot;</td>
<td>80</td>
<td>&lt; 2.5</td>
</tr>
<tr>
<td>CY9PRAM-WP</td>
<td>116509066</td>
<td></td>
<td>7</td>
<td>16</td>
<td>61.95</td>
<td>141.6</td>
<td>700</td>
<td></td>
<td>1,750</td>
<td>3.85</td>
<td>46x265x175</td>
<td>10</td>
<td>F 1/4&quot;</td>
<td>80</td>
<td>&lt; 2.5</td>
</tr>
<tr>
<td>CY11PRAM-WP</td>
<td>116509202</td>
<td></td>
<td>7</td>
<td>24</td>
<td>61.95</td>
<td>212.4</td>
<td>450</td>
<td></td>
<td>1,750</td>
<td>3.85</td>
<td>46x265x175</td>
<td>10</td>
<td>F 1/4&quot;</td>
<td>80</td>
<td>&lt; 2.5</td>
</tr>
<tr>
<td>CG25LRA-Q3/8</td>
<td>114807203</td>
<td></td>
<td>12</td>
<td>25</td>
<td>106.2</td>
<td>221.25</td>
<td>600</td>
<td></td>
<td>2,200</td>
<td>4.84</td>
<td>40x340</td>
<td>13</td>
<td>M 38&quot;</td>
<td>80</td>
<td>&lt; 2.5</td>
</tr>
<tr>
<td>CG40LRA-Q3/8</td>
<td>114809007</td>
<td></td>
<td>18</td>
<td>40</td>
<td>159.3</td>
<td>354</td>
<td>400</td>
<td></td>
<td>2,300</td>
<td>5.06</td>
<td>40x341</td>
<td>13</td>
<td>M 38&quot;</td>
<td>80</td>
<td>&lt; 2.5</td>
</tr>
</tbody>
</table>

* CG models are available upon request with double signal ports for error proofing.

Legend
- Reversibility: the reversible models are suitable for tightening and untightening operation. Models with only right rotation: (only fastening)
  - Push to start
  - Lever start
  - Push button + push to start
  - Push button

Other technical features

Models CY, CG

Standard equipment (supplied with the tool)
- Clutch adjustment key
- Hanging ring
- Auxiliary grip for straight models (code 6B1041002)
- Auxiliary grip for pistol models (code 6B1041011)
- Eco-friendly packaging
- Use and maintenance manual

Models available upon request

Screwdrivers CY
- Models with only right hand rotation
- Models with only left hand rotation

Screwdrivers CG
- Model with quick change chuck (only for CG25 model)
- Models with axial built-in compensator (telescopic version)

Accessories available upon request

- Bits, hexagonal sockets; balancers, exhaust silencers and other compressed air system accessories: see Accessories Catalogue 77, 78
- Swinging arm stand, BT-MG telescopic reaction arms in magnesium and BC cartesian arms for ergonomic workplaces (see Accessory Catalogue n.79)
- Computerized monitoring unit of the tightening cycle (Poka Yoke system)
- TOM (Tightening Operation Monitor), a practical and ease monitoring system (anti-error system); thanks to ‘screws count’ function, you won’t risk any omission in case of high production rate.

The data given in the table are indicative and can be changed without prior notice. The torque values are purely indicative and may be influenced by the softness of the type of joint, by the type and length of the screw, by the pressure and quantity of air supply, and by the type of accessory used. The values indicated for noise and vibration levels were obtained in the laboratory, performing tests that comply with the standards stated, but are not sufficient for calculating risks. Values measured in the simple work places may be higher than those stated. The values of actual exposure and consequent risks are specific and depend on the operator’s method of work, the type of work piece and the work place, as well as the operator’s time of exposure and his physical conditions. Fiam cannot be held responsible for any consequences deriving from the use of the information in the table when evaluating risks in the work place, as well as the operator’s method of work. Fiam has no control. For all further details, please apply to the Fiam Technical Consultancy Service.

Fiam Utensili Pneumatici Spa
Viale Crispi 123
36100 Vicenza - Italy
Tel. +39.0444.385000
Fax +39.0444.385002

Fiam France
succursale
73, cours Albert Thomas
69003 Lyon - France
Tel. +33 (0)9 70 40 73 85

Fiam España
Sucursal
Travessera de Gràcia, 51, 5ª planta
08021 Barcelona, España
Tel. +34.636808112

www.fiamgroup.com
info@fiamgroup.com

March 2019 - 241 - Printed on recycled paper for the safeguard of the environment | Copyright Fiam Spa The unauthorized distribution and/or reproduction of all or part of this publication is strictly forbidden.