

Air screwdrivers CY

- Torque range: from 7 to 24 Nm
- Automatic air shut-off
- Straight and pistol models

FIAM®

PEOPLE AND SOLUTIONS

Air screwdrivers CY...AM, CY...RAM, CY...PRAM

CY air screwdrivers with immediate automatic air shut-off are employed where **good repeatability** of the tightening torque together with a **favourable comparison between weight/performances** are needed.



CY...PRAM



CY...AM-WP

Be demanding

Reliability

Long lifetime of the components thanks to careful design and to quality of the productive process which results in 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**

The torque control system with automatic and immediate air shut-off guarantees **quality tightening** regardless of the action of the operator and the variable softness of the joint

Don't be satisfied with the maximum

Productivity

Considerable increase of the efficiency of the tightening cycle thanks to innovative systems

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

Models equipped with **quick-release chuck** for an increase of the productivity

Perfection is in your hands

Ergonomics

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**

For all bench operations requiring high tightening torque, we recommend the swinging arm stands (to be used with the screwdrivers) which **eliminate any torque reaction on the operator's hand**

The pistol grip version is supplied with **hanging ring** for balancer use (balancer) eliminating any operator's effort

Naturally innovative

Ecology

Innovative systems designed paying even more attention with respect to environment and of its safeguard

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

The possibility of using non lubricated air **eliminates the emission of oil fog** into the environment

Model	Code	Type of screwdriver	Grip	Tightening torque on soft joint min Nm	Tightening torque on soft joint max Nm	min in lb	max in lb	Idle speed rpm	Starting system Type	Reversibility Type	Weight kg	Weight lb	Dimensions (mm) Øxlxh	Air consumption l/s	Accessories Drive	Noise level dBA	Vibrations m/s²
CY9AM	116309039			7 ÷ 18		61.95 - 159.3		800			1,500	3.30	46x315	10	F 1/4''	80	< 2,5
CY11AM	116309037			7 ÷ 24		61.95 - 212.4		550			1,500	3.30	46x315	10	F 1/4''	80	< 2,5
CY9RAM-WP	116514109			7 ÷ 16		61.95 - 141.6		700			1,670	3.67	46x345	10	F 1/4''	80	< 2,5
CY11RAM-WP	116514911			7 ÷ 24		61.95 - 212.4		450			1,670	3.67	46x345	10	F 1/4''	80	< 2,5
CY9PRAM	116514609			7 ÷ 16		61.95 - 141.6		700			1,750	3.85	46x265x175	10	F 1/4''	80	< 2,5
CY11PRAM	116514611			7 ÷ 24		61.95 - 212.4		450			1,750	3.85	46x265x175	10	F 1/4''	80	< 2,5
CY9PRAM-WP	116509066			7 ÷ 16		61.95 - 141.6		700			1,750	3.85	46x265x175	10	F 1/4''	80	< 2,5
CY11PRAM-WP	116509202			7 ÷ 24		61.95 - 212.4		450			1,750	3.85	46x265x175	10	F 1/4''	80	< 2,5

Screwdrivers with pneumatic pick-up signal

CY9RAM-WP-2CS	116509210			7 ÷ 16		61.95 - 141.6		700			1,670	3.67	46x345	10	F 1/4''	80	< 2,5
CY11RAM-WP-2CS	116509065			7 ÷ 24		61.95 - 212.4		450			1,670	3.67	46x345	10	F 1/4''	80	< 2,5
CY9PRAM-WP-2CS	116509211			7 ÷ 16		61.95 - 141.6		700			1,750	3.85	46x265x175	10	F 1/4''	80	< 2,5
CY11PRAM-WP-2CS	116509069			7 ÷ 24		61.95 - 212.4		450			1,750	3.85	46x265x175	10	F 1/4''	80	< 2,5

Legend

- **Reversibility:** the reversible models are suitable for tightening und untightening operation
- **Models with only right rotation:** (only fastening)

- **Push to start**
- **Lever start**
- **Push button + push to start**
- **Push button**

- The figures shown are measured at a pressure of 6,3 bar (ISO 2787), the recommended operating pressure.
- The tightening torque values have been measured in accordance with ISO 5393 standard.
- Noise level has been measured in accordance with ISO 3744 and ISO 15744 standards.
- Vibrations level have been measured in accordance with ISO 8662-1 and ISO 8662-7.
- Accessory drive: 1/4", 6,35 mm female hexagonal drive (ISO 1173).
- The code number must be used when ordering.

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 alone are not sufficient for calculating risks. Values measured in the single 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 over which Fiam has no control. For all further details, please apply to the **Fiam Technical Consultancy Service.**

CY... air screwdrivers are designed for use with lubricated and unlubricated compressed air

Other technical features

Models	Air inlet	Recommended hose bore
CY...	1/4" gas	Ø 8 mm

Standard equipment (supplied with the tool)

- Clutch adjustment key
- Hanging ring
- Auxiliary grip for straight models (code 681041002)
- Auxiliary grip for pistol models (code 681041011)
- Eco-friendly packaging
- Use and maintenance manual

Models avaiblable upon request

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

Accessories available upon request

- Bits, hexagonal sockets; balancers, exhaust silencers and other compressed air system accessories: see Accessories Catalogue 77, 78
- Swinging arm stand, telescopic and cartesian arm for ergonomic workplaces (see Accessory Catalogue n.79)
- **Computerized monitoring unit of the tightening cycle (Poka Yoke system)**

CY screwdrivers can be supplied with **pneumatic pick-up signal** (ported) and connected to **computerized monitoring unit 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.



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