



## Air screwdrivers & nutrunners



### Air screwdrivers CY...A, CY...RA, CY...PRA

- **Tightening torque:**  
from 7 to 24 Nm
- **Torque control system:**  
Jointech Plus  
(with immediate automatic air shut-off)
- **Type of grip:**  
pistol and  
straight models



# Air screwdrivers CY...A • CY...RA • CY...PRA

## Fiam CY air screwdrivers...

...are employed where good repeatability of the tightening torque together with a favourable comparison between weight/performance are needed. The main advantageous features are the following:

- the Jointech Plus torque control system (with automatic and immediate air shut off) guarantees torque repeatability on every type of joint, considerably reducing quality control times;
- the internal gears have been designed to obtain **vibration levels of less than 1 m/sec<sup>2</sup>** making the screwdriver comfortable for the operator to use, ensuring a longer life for the tool and constant performance;
- the new silencer on the air exhaust **guides the output air flow**, making the operator's task easier;
- the pistol-grip version is provided with an **easy to use double-trigger 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**.



CY11RA-WP



CY11PRA



CY11A



**Type of grip:**  
pistol and straight models



**Idle speed:**  
from 450 to 800 r.p.m.



**Starting system:**  
push to start, lever, push button+push to start, push button



Fiam screwdrivers are designed for use with either lubricated or unlubricated compressed air.

Model	Code	TYPE OF SCREWDRIVER		TIGHTENING TORQUE			STARTING SYSTEM	REVERSIBILITY	WEIGHT	DIMENSIONS mm	AIR CONSUMPTION	ACCESSORIES	NOISE LEVEL	VIBRATIONS LEVEL
		GRIP	Type	Hard joint Nm	Soft joint Nm	Idle speed r.p.m.								
CY9A	116309009	—	—	7÷18	800	↓	↻	1,500	46x315	10	⊕ F 1/4"	80	< 1	
CY11A	116309026	—	—	7÷24	550	↓	↻	1,500	46x315	10	⊕ F 1/4"	80	< 1	
CY9RA-WP	116513309	—	—	7÷16	700	↑	↻	1,670	46x345	10	⊕ F 1/4"	80	< 1	
<b>CY11RA-WP</b>	116513311	—	—	7÷24	450	↑	↻	1,670	46x345	10	⊕ F 1/4"	80	< 1	
<b>CY9PRA</b>	116513609	↵	↵	7÷16	700	↵	↻	1,750	46x265x175	10	⊕ F 1/4"	80	< 1	
<b>CY11PRA</b>	116513611	↵	↵	7÷24	450	↵	↻	1,750	46x265x175	10	⊕ F 1/4"	80	< 1	
CY9PRA-WP	116509103	↵	↵	7÷16	700	↵	↻	1,750	46x265x175	10	⊕ F 1/4"	80	< 1	
CY11PRA-WP	116509104	↵	↵	7÷24	450	↵	↻	1,750	46x265x175	10	⊕ F 1/4"	80	< 1	

↻ The reversible models are suitable for tightening and untightening operation

↻ Models with only right rotation (only fastening)

↓ PUSH TO START

↑ LEVER

↵ PUSH BUTTON + PUSH TO START

↵ PUSH BUTTON

The models highlighted in green are usually available from stock.

- 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 PN8NTC1.2 standards.
- Vibrations level have been measured in accordance with ISO 8662.
- 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 Assistance Service**.

## Other technical features

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

### Chart of torque range obtainable with clutch springs assembled on the tool

MODELS	Assembled on the tool RED clutch spring Ø wire 3,5 mm Code 595203502		Assembled on the tool VIOLET clutch spring Ø wire 3,8 mm Code 595203801	
	Hard joint	Soft joint	Hard joint	Soft joint
CY9A	7÷18			
CY11A			7÷24	
CY9RA-WP CY9PRA CY9PRA-WP	7÷16			
CY11RA-WP CY11PRA CY11PRA-WP			7÷24	

#### Standard equipment (supplied with the tool)

- Clutch adjustment key.
- Hanging ring.
- Auxiliary grip for right models (code 681041002).
- Auxiliary grip for pistol models (code 681041001).
- Use and maintenance manual.

#### Accessories available upon request

- Bits, hexagonal sockets; balancers, exhaust silencers and other compressed air system accessories: see Accessories Catalogue.
- Swinging arm stand to facilitate tightening operations: BA50 and SL60 models (see Accessories Catalogue).

#### Models available upon request

- Models with only right hand rotation.
- Models with only left hand rotation.
- Models with quick-change chuck: add M to code number when ordering (eg.: CY11RA → CY11RA-M).

# Fiam

INDUSTRIAL AIR TOOLS

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Quality Certification  
UNI EN ISO 9001 / ICIM 0250

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