



Air screwdrivers & nutrunners



Air screwdrivers CY...R1 - CY...PR1

- **Tightening torque:**
from 4,5 to 25 Nm
- **Torque control system:**
Uni-Jointech
(slip clutch)
- **Type of grip:**
pistol and
straight models



Air screwdrivers CY...R1 and CY...PR1

The air screwdrivers CY...R1 and CY...PR1

...are distinguished by their proven reliability and great versatility of use, whether with metric, self-tapping or self-drilling screws.

They are particularly suitable, for example, when used for fastening self-tapping screws on pre-drilled metal sheet, where the drilled holes may not all be identical: the Uni-Jointech torque control system in fact makes screw insertion very easy even in unusual situations of this kind.

Some of the most advantageous features offered by the new range are:

- the **new air exhaust silencer**, even more efficient in directing the air outflow, **making the operator's task even more comfortable**;
- the pistol-grip version, comfortable and balanced, is provided with an **easy-to-use double button starting system**: the top button commands right rotation; the lower button, besides controlling left rotation, is provided with a **locking device** to facilitate tightening operations;
- straight versions have a useful **auxiliary grip** (supplied with the tool) to **reduce torque reaction on the operator's hand**;
- for applications requiring very high tightening torque, we recommend bench supports (together with the screwdrivers) **which eliminate all torque reaction on the operator's hand**.



CY11PR1



CY11R1



Type of grip:
pistol and straight models



Idle speed:
from 450 to 1600 r.p.m.



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



Reversibility:
for all models



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

Model	Code	TYPE OF SCREWDRIVER		GRIP		TIGHTENING TORQUE		IDLE SPEED	STARTING SYSTEM		REVERSIBILITY	WEIGHT	DIMENSIONS mm	COMPRESSED AIR CONSUMPTION	ACCESSORIES	NOISE LEVEL	VIBRATIONS LEVEL
		Type	Nm	Hard joint	Soft joint	Nm	r.p.m.		Type	Type							
CY7R1	116511901	┆	6÷13	4,5÷13	1600	↕	↻	1,100	46x285	10	⊕ F 1/4"	82	*				
CY9R1	116511902	┆	7÷18	6÷16	700	↕	↻	1,300	46x315	10	⊕ F 1/4"	82	*				
CY11R1	116511903	┆	7÷25	6÷22	450	↕	↻	1,300	46x315	10	⊕ F 1/4"	82	*				
CY7R1-WP	116509113	┆	6÷13	4,5÷13	1600	↕	↻	1,100	46x285	10	⊕ F 1/4"	82	*				
CY9R1-WP	116509114	┆	7÷18	6÷16	700	↕	↻	1,300	46x315	10	⊕ F 1/4"	82	*				
CY11R1-WP	116509115	┆	7÷25	6÷22	450	↕	↻	1,300	46x315	10	⊕ F 1/4"	82	*				
CY7PR1	116511501	┆	6÷13	4,5÷13	1600	↕	↻	1,370	46x208x175	10	⊕ F 1/4"	80	*				
CY9PR1	116511502	┆	7÷18	6÷16	700	↕	↻	1,570	46x238x175	10	⊕ F 1/4"	80	*				
CY11PR1	116511503	┆	7÷25	6÷22	450	↕	↻	1,570	46x238x175	10	⊕ F 1/4"	80	*				
CY7PR1-WP	116509083	┆	6÷13	4,5÷13	1600	↕	↻	1,370	46x208x175	10	⊕ F 1/4"	80	*				
CY9PR1-WP	116509084	┆	7÷18	6÷16	700	↕	↻	1,570	46x238x175	10	⊕ F 1/4"	80	*				
CY11PR1-WP	116509085	┆	7÷25	6÷22	450	↕	↻	1,570	46x238x175	10	⊕ F 1/4"	80	*				

REVERSIBILITY: All models are suitable for tightening and untightening operation

LEVER + PUSH TO START
 PUSH BUTTON + PUSH TO START
 LEVER
 PUSH BUTTON

The models highlighted in green are usually available from stock.

* Any air screwdrivers which uses a "slip clutch" torque control (and similar) generates vibrations over 2,5 m/sec². We therefore recommend to use Fiam air screwdrivers with a Jointech-Plus torque control system (with automatic and immediate air shut-off) which have a vibration level of less than 2,5 m/sec².

- 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 standard
- 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	Standard		Standard		Standard	
	Hard joint	Soft joint	Hard joint	Soft joint	Hard joint	Soft joint
CY7R1 CY7R1-WP CY7PR1 CY7PR1-WP	6÷13	4,5÷13				
CY9R1 CY9R1-WP CY9PR1 CY9PR1-WP			7÷18	6÷16		
CY11R1 CY11R1-WP CY11PR1 CY11PR1-WP					7÷25	6÷22

Standard equipment (supplied with the tool)

- Clutch adjustment key
- Auxiliary grip
- Hanging ring
- Use and maintenance manual

Accessories available upon request

Bits, hexagonal sockets; balancers, exhaust silencers and other compressed air system accessories: see Accessories catalogue.

Models available upon request

- Models with quick-change chuck: add M to code number when ordering (eg: CY11PR1 → CY11PR1-M).

Fiam

INDUSTRIAL AIR TOOLS

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Quality Certification
UNI EN ISO 9001 / ICIM 0250

Environmental Management System Certificate
UNI EN ISO 14001 / ICIM 0002A/0

