

Speed. Efficiency. Accuracy.



The power of innovation.

**New**  
**pistol grip air screwdrivers 26C**

- Torque range: from 0,4 up to 12 Nm
- Automatic air shut-off

**Fiam**

PEOPLE AND SOLUTIONS

**New  
pistol grip air screwdrivers 26C**

# All Fiam innovation in your hands

The brand new 260 Watt power 26C air screwdrivers represent the ideal solution to obtain speed and efficiency in every assembly operation. Suitable for each application field, they introduce within the tightening scenery a new and higher reference standard, in terms of quality and performance.

Hanging ring  
for balancer use

Safe, practical and precise  
clutch adjustment system

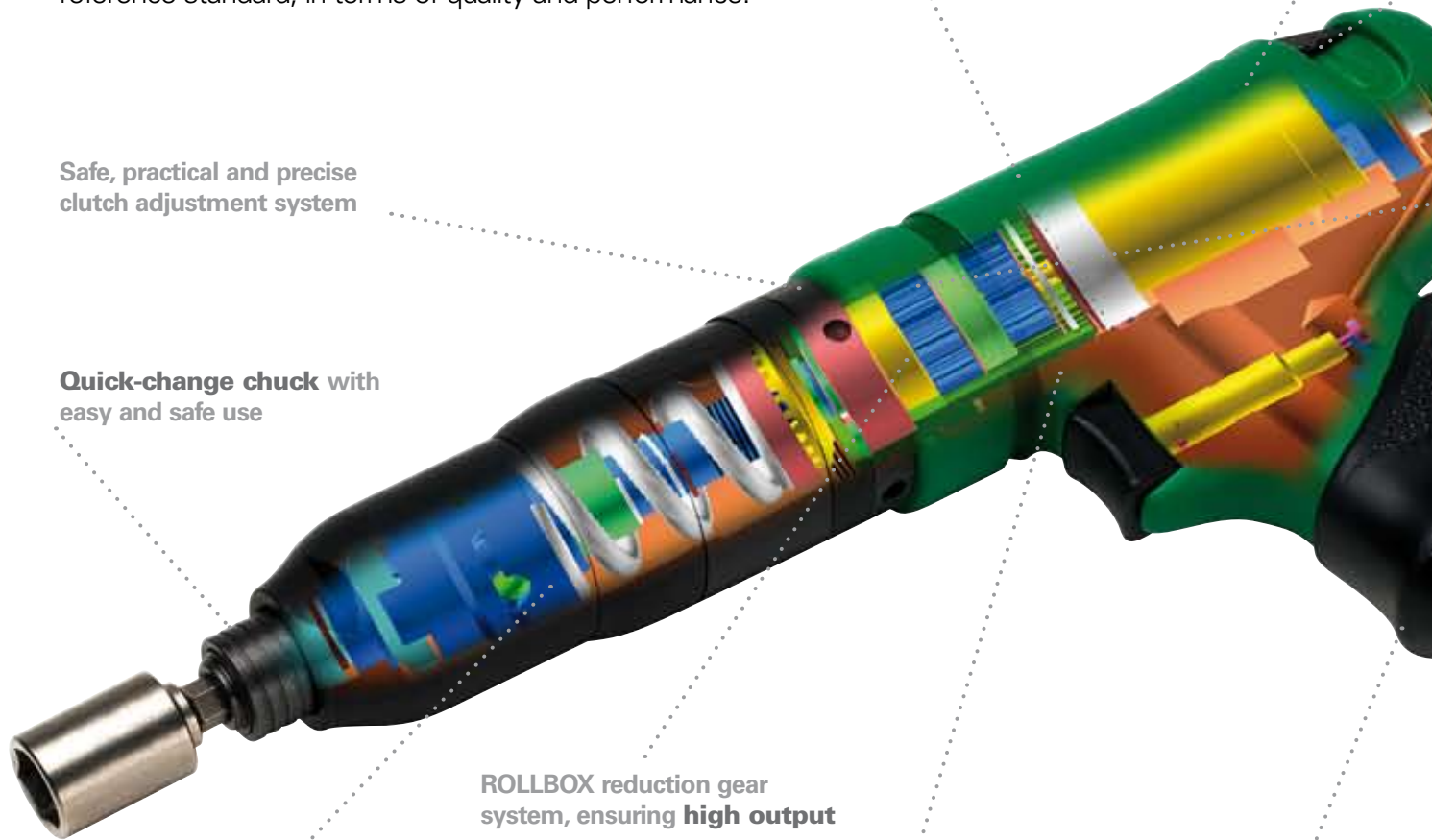
Quick-change chuck with  
easy and safe use

ROLLBOX reduction gear  
system, ensuring high output

Patented TRACS 2 and TRACS 3 (Torque Repeatability and Accuracy Control System) torque control systems: they guarantee high torque repeatability and vibration levels below  $2,5 \text{ m/s}^2$

Reduced weight thanks to  
the use of light alloys

Usable both for right and left  
hand operators



## 26C: innovation continues

Recyclable materials

The design of the new comfortable and reduced effort reverse button permits **higher bump resistance and manoeuvrability**



Technologically advanced MOTRIX air motor, ensuring **higher performances**



Evident and incisive cycle end acoustic signal for operator

Ergonomic grip with no slip sheath for **safe and comfortable tool holding**



Patented silencing system

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



Possibility of conveying air exhaust



### The pistol Upgrip model

Among the tested ranges of Fiam pistol grip screwdrivers, there is also available an **exclusive pistol Upgrip model**. This screwdriver allows a comfortable **access to those working places otherwise unreachable by the traditional air screwdrivers**.

These situations can occur in different fields, such as those of the appliances field (e.g. in the assembly of the ovens). The air feed from the top and ergonomic studies of the grip have brought to the design of **an extremely light, balanced and particularly handy tool**.

For all further details, please apply to the Fiam Technical Consultancy Service.

The UpGrip models, can be supplied, on request, with an insulated anti-slip plastic sheath



Be demanding

Don't be satisfied  
with the maximum

## 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

**MOTRIX:** newly conceived air motor ensures **long lifetime, high specific power and maximum torque**

**ROLLBOX:** new reduction gear system has been designed to guarantee **maximum output, long lifetime of the kinematic chain and reduced noise level**

**TRACS 2 e TRACS 3 (Torque Repeatability and Accuracy Control System):** for torques respectively up to 5 Nm and 12 Nm, they are the **new tightening torque control systems** that ensure a very **high torque repeatability**, i.e. a very low Mean Shift value also in the presence of variability of the joint softness level. These systems maintain same torque values for hundreds of thousands of cycles. The TRACS systems guarantee a **high quality improvement** in the tightening process

## Productivity

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

**MOTRIX:** innovative project principles guarantee a higher rotating speed of the new air motor with equal tightening torque, with evident **reduction of tightening cycle time**

**TRACS 2 e TRACS 3:** the modern torque control systems reduce to a minimum level the need of quality control at the end of the assembly process, with a remarkable **increase of the tightening cycle productivity**

**Quick change chuck:** it favours **easier and safer** bit replacement; it is available upon request, also for use of double insert bits

**Clutch adjustment system:** safe, practical and accurate

**Grip design:** it permits **extraordinary ease in handling** the screwdriver with **less operator fatigue** and significant increase of the productivity

**More evident and incisive cycle end acoustic signal:** emitted by the tightening torque control system permits the operator **to pass on to the next tightening cycle more rapidly**

Real size 1:1



Perfection is  
in your hands

# Ergonomics

Optimization of the tool performances in regard to ergonomics and operator safety

**Ergonomic grip:** designed according to modern biomechanics principles paying particular attention to the features of the female hand.

The grip is manufactured with an ergonomic sheath made of no slip material making it easier to hold the screwdriver, increasing the hand grip, **improving the handling, the thermal isolation and operator's comfort**

**TRACS 2 and TRACS 3:** the modern torque control systems **reduce the reaction to the operator's hand.**

Thanks to the immediate automatic air-shut-off system with the careful study of the internal gears, the vibration levels are below 2,5 m/s<sup>2</sup> (ISO 8662-7)


**New comfortable reverse button:** usable both for right and left hand operators

Possibility of conveying air exhaust away from the operator

**Reduced weight** thanks to the use of light alloys It is reduced by approx. 10% in respect of the previous models

**Arranged for hanging ring for balancer use** eliminating any operator's effort

**Patented silencing system:** these screwdrivers are extremely noiseless and are equipped with a controlled spread of the exhaust air



**Ergotech project**  
Fiam optimizes the performances of its tools and offers consulting and qualified training for the correct use of the screwdrivers

Naturally  
innovative

# Ecology

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

**MOTRIX:** the advanced technological design of the air motor permits very **high decrease of compressed air consumption**, without affecting tool performance

**ROLLBOX:** thanks to the new inner kinematic motions which optimize efficiency, the available power is being transmitted with **minimum dispersions**

**TRACS 2 and TRACS 3:** the torque control system has a high running speed which **reduces the working time of the screwdriver and the compressed air consumption**

**OIL - FREE:** 26C screwdrivers work at maximum efficiency without need of lubrication guaranteeing in such the **absence of oil exhaust** into the working environment



26C...APA

**"Forward" pistol grip:** indicated when balancing systems cannot be used, and where it does not need a particular push along the fastening axis



26C...AP

**Pistol grip:** indicated for situations in which screwdriving operations require thrust along the screwdriving axis

*This screwdriver is particularly suitable to the female hand*

Type of screwdriver		Grip	Tightening torque on soft joint				Idle speed	Starting system	Reversibility	Weight	Dimensions (mm)	Air consumption	Accessories	Noise level*	Vibrations	
Model	Code		Type	Nm	Nm	in lb										in lb
26C4APA	114814586		0,4 ÷ 4		3,54 - 35,40		2000			0,95	2,09	39x195x160	7	F 1/4"	73	<2,5
26C5APA	114814587		0,4 ÷ 5		3,54 - 44,25		1300			0,95	2,09	39x195x160	7	F 1/4"	73	<2,5
26C8APA	114814588		3,5 ÷ 8		30,98 - 70,80		1000			1,05	2,31	39x210x160	7	F 1/4"	73	<2,5
26C10APA	114814589		3,5 ÷ 9,5		30,98 - 84,08		800			1,05	2,31	39x210x160	7	F 1/4"	73	<2,5
26C12APA	114814590		3,5 ÷ 12		30,98 - 106,20		400			1,05	2,31	39x210x160	7	F 1/4"	73	<2,5
26C4AP	114814576		0,4 ÷ 4		3,54 - 35,40		2000			0,87	1,91	38x190x155	7	F 1/4"	73	<2,5
26C5AP	114814577		0,4 ÷ 5		3,54 - 44,25		1300			0,87	1,91	38x190x155	7	F 1/4"	73	<2,5
26C8AP	144814578		3,5 ÷ 8		30,98 - 70,80		1000			0,97	2,13	38x210x155	7	F 1/4"	73	<2,5
26C10AP	144814579		3,5 ÷ 9,5		30,98 - 84,08		800			0,97	2,13	38x210x155	7	F 1/4"	73	<2,5
26C12AP	114814580		3,5 ÷ 12		30,98 - 106,20		400			0,97	2,13	38x210x155	7	F 1/4"	73	<2,5

### Legend

26 = Power of the motor in Watt/10 • C = Screwdriver • 4 = Maximum tightening torque in Nm • A = Air shut-off system • P = Pistol grip • PA = 'Forward' pistol grip

### Legend

**Reversibility:** all models are suitable for tightening und untightening operation

**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.
- \*Additional factor: 3 dBA spread in method and production (ISO 15744).
- Vibrations level have been measured in accordance with ISO 8662-1 and ISO 8662-7 standards.
- Accessory drive: female hexagonal drive 1/4", 6,35 mm (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.

### Other technical features

Model	Clutch spring	Assembled on the tool grey colour - Ø wire 3,2 mm Code 595103202	Supplied black colour - Ø wire 2,2 mm Code 595102204	
	Tightening torque on soft joint		Tightening torque on soft joint	
	Nm	in lb	Nm	in lb
26C4...	1 ÷ 4	8,85 ÷ 35,40	0,4 ÷ 1,3	3,54 ÷ 11,51
26C5...	1 ÷ 5	8,85 ÷ 44,25	0,4 ÷ 1,3	3,54 ÷ 11,51

Model	Air inlet	Recommended hose bore
26C...	1/4" gas	Ø 5 mm

**26C air screwdrivers are designed for use with lubricated and unlubricated compressed air**

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

- Clutch adjustment key
- Additional clutch spring only for models 26C 4 and 5
- Hanging ring
- Use and maintenance manual
- Eco-friendly packaging

#### Accessories available upon request

- Bits, sockets, etc., balancers, exhaust silencers and other compressed air system accessories: (see Accessories catalogue)

#### Models available upon request

- Models with only right hand rotation
  - Models with only left hand rotation
- Please apply to the Fiam Technical Consultancy Service

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 ISO 9001:2000 / ICIM 0250

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 ISO 14001:2004 / ICIM 0002A

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