



Air screwdrivers & nutrunners

CIDE



CIDE



FASTER



POWERFUL



ACCURATE

NEW

AIR

SCREWDRIVERS



Fiam

INDUSTRIAL AIR TOOLS

New CDE air screwdrivers

Faster and more powerful

These are the most important features of the new range of Fiam air screwdrivers particularly ideal for **household appliances assembly** and in the **motor sector** where high tightening torque and run-down speed are required.

Effectively guarantee:

MAXIMUM RELIABILITY...

of screw tightening thanks to the *JointechPlus* torque control system with automatic and immediate air shut-off, thus reducing, if not even eliminating, the need for post-assembly quality control.

REDUCED CONSUMPTION...

of compressed air thanks to the new motor.



Project

The **ERGOTECH project**, which Fiam have been undertaking for some time, involves each stage of the screwdriver creation process, from design to production, from testing to before and after sales services. It has the aim of optimising the performances of its tools **from the point of view of ergonomics and operator safety** and to pay ever **more active attention to the environment and its safeguard**.

GREAT SAVINGS... in tightening cycle times: if, for example, up to now, tightening was performed at approx. 1500 rpm, with the new CDE one can operate at around 2200 rpm with respect to a screwdriver providing the same torque range, **with a time saving of almost 50%**.

HUGE REDUCTION... in maintenance costs: the majority of internal components are common to the entire range, with consequent improvement and more **economical spare parts management**.

EASY TRACEABILITY... of the accessories (1/4" air inlet coupling).

SPEED AND SAFETY... in the substitution of the bits (quick change chuck).

MORE PRACTICALITY... for the operator, in moving to the next tightening operation thanks to the **end of cycle audible signal** provided with the torque control system.

EXTRAORDINARY... **handiness** of the screwdriver greatly in favour of productivity thanks to the **ergonomic grip**.

ERGOTECH The automatic and immediate air shut-off system, together with accurate study of the internal kinematics, guarantee **vibration levels of less than 2.5 m/sec² (EN ISO 8662-7: 1997) even under conditions of use**.

ERGOTECH **Comfortable reverse button** for ambidextrous operators, with locking device.

ERGOTECH **Controlled diffusion and silenced air exhaust** for greater operator comfort and low noise.

ERGOTECH The isolating sheath with anti-slip grip **reduces fatigue**.

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

ERGOTECH Equipped for **suspension devices** (balancers).

ERGOTECH Possibility to **convey exhaust air** practically and quickly (models with pistol grips) – see *Accessories catalogue*.

ERGOTECH **Advanced pistol grip**, particularly well balanced, recommended wherever it is not possible to use suspension systems; suited to the use of metric screws. The new "soft" varnish finishing, resistant to scratches and wear in general, allows for a "warmer" and anti-slip grip.

ERGOTECH **Pistol grip**, recommended for those situations where force is required along the tightening axis, for example with self-tapping and self-drilling screws.

New CDE air screwdrivers



TYPE OF SCREWDRIVERS		GRIP	TIGHTENING TORQUE ON SOFT JOINT		IDLE SPEED	STARTING SYSTEM	REVERSIBILITY	WEIGHT	DIMENSIONS (mm)	AIR CONSUMPTION	ACCESSORIES	NOISE LEVEL*	VIBRATIONS
Model	Code		Type	min. Nm									
CDE5RA	114814310	↓	3	5	2000	↕	↻	1	40x250	9	⊕ F 1/4"	< 77	< 2,5 m/s ²
CDE7RA	114814311	↓	3	7	1200	↕	↻	1	40x250	9	⊕ F 1/4"	< 77	< 2,5 m/s ²
CDE12RA	114814312	↓	3	12	700	↕	↻	1	40x250	9	⊕ F 1/4"	< 77	< 2,5 m/s ²
CDE5LRA	114814130	↑	3	5	2200	↕	↻	1,020	40x250	10	⊕ F 1/4"	< 77	< 2,5 m/s ²
CDE7LRA	114814131	↑	3	7	1400	↕	↻	1,020	40x250	10	⊕ F 1/4"	< 77	< 2,5 m/s ²
CDE12LRA	114814132	↑	3	12	900	↕	↻	1,020	40x250	10	⊕ F 1/4"	< 77	< 2,5 m/s ²
CDE5PRA	114814560	↖	3	5	2000	↖	↻	1,100	38x225x155	9	⊕ F 1/4"	< 77	< 2,5 m/s ²
CDE7PRA	114814561	↖	3	7	1200	↖	↻	1,100	38x225x155	9	⊕ F 1/4"	< 77	< 2,5 m/s ²
CDE12PRA	114814562	↖	3	12	700	↖	↻	1,100	38x225x155	9	⊕ F 1/4"	< 77	< 2,5 m/s ²
CDE5PARA	114814570	↖	3	5	2000	↖	↻	1,190	38x230x160	9	⊕ F 1/4"	< 77	< 2,5 m/s ²
CDE7PARA	114814571	↖	3	7	1200	↖	↻	1,190	38x230x160	9	⊕ F 1/4"	< 77	< 2,5 m/s ²
CDE12PARA	114814572	↖	3	12	700	↖	↻	1,190	38x230x160	9	⊕ F 1/4"	< 77	< 2,5 m/s ²

REVERSIBILITY: All models are suitable for tightening and untightening operation

PUSH TO START

PUSH BUTTON

LEVER START

- The figures shown are measured at a pressure of 6,3 bar (ISO 2787: 1984), the recommended operating pressure.
- The tightening torque values have been measured in accordance with ISO 5393: 1994 standard.
- Noise level has been measured in accordance with EN ISO 3744: 1995 and EN ISO 15744: 2000 standards.
- * Additional factor: 3 dBA spread in method and production (EN ISO 15744: 2000).
- Vibrations level has been measured in accordance with EN 28662-1: 1992 and EN ISO 8662-7: 1997 standard.
- Accessory drive: female hexagonal drive 1/4", 6,35 mm (ISO 1173: 1988), female hexagonal 14 mm, male square drive (ISO 1174-1: 1996).
- The code number must be used when ordering.

Service equipment (provided with the tool)

- Clutch adjusting key
- Suspension ring
- User and maintenance manual
- Eco-compatible packaging

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**.

Accessories available upon request

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

Other technical features

Model	Air inlet coupling	Recommended hose bore
CDE...	1/4" gas	Ø 8 mm

ERGONOMY PACK
GETTING ACQUAINTED WITH SAFETY

ASK IMMEDIATELY the CD-ROM for who designs and operates work stations and the booklet for the workers to be used when carrying out instructive courses as foreseen by the European Norm.

call **0039-0444-385000** or send an e-mail to **customerservice@fiamairtools.com**



INDUSTRIAL AIR TOOLS

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Quality Management System Certificate
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ICIM 0002A

FIAM PRODUCTS ONLY USE QUALITY COMPONENTS

