CDE

Faster,
powerful, accurate.

Air screwdrivers CDE

- Torque range : from 3 up to 12 Nm
- Automatic air shut-off

FIAM®
PEOPLE AND SOLUTIONS

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 Jointech Plus 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 long lifetime of the tool

The air motor employed ensures long lifetime, high power and maximum output

The reduction gear system guarantees maximum output, long lifetime of the kinematic chain and reduced noise level

Don't be satisfied with the maximum

Productivity

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

The Jointech Plus torque control system (with automatic and immediate air shut-off) reduces the need to perform quality controls at the end of assembly. The productivity of the tightening cycle can therefore increase considerably

The high performance of the air motor and the kinematic chain supply optimum tightening speeds, reducing the time/cycle

Particularly ideal for household appliances assembly and in the motor sector where high tightening torque and run-down speed are required

High reduction in maintenance costs: the majoriry 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)

Cycle end acoustic signal: emitted by the tightening torque control system permits the operator to pass on to the next tightening cycle more rapidly

CDE...LRA

CDE...PRA

CDE...RA

Perfection is in your hands

Ergonomics

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

Ergonomic grip: 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

Comfortable reverse button for ambidextrous operators, with docking device

Thanks to the automatic and immediate air shut-off system together with the careful study of the internal gears, the vibration levels are below 2,5 m/s^2 (ISO 8662-7) even under conditions of use

Comfortable starting button: it reduces finger fatigue

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

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

Possibility to convey exhaust air practically and quickly (models with pistol grips) away from the operator – *see Accessories catalogue*

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 diffusion of the exhaust air

ERGOTECH

Ergotech project
Fiam optimizes the performances of its tools and offers consultino 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

The technological design of the air motor permits decrease of compressed air consumption, without affecting tool performance

All the components are easy to dispose of because they are built using recyclable materials; therefore they do not represent any danger for environmental pollution

All Fiam products are supplied with eco-friendly packaging

The possibility of using non-lubricated air eliminates the emission of oil exhaust into the environment

CDE...PARA

Model	Code	Type of screwdriver	Grip	Tightening torque on soft joint min Nm	Tightening torque on soft joint max Nm	Tightening torque on soft joint min in lb	Tightening torque on soft joint 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
CDE5RA	114814310			3 ÷ 5		26.55 ÷ 44.25		2000			1,000	2.2	40x250	9	F 1/4"	77	< 2,5
CDE7RA	114814311			3 ÷ 7		26.55 ÷ 61.95		1200			1,000	2.2	40x250	9	F 1/4"	77	< 2,5
CDE12RA	114814312			3 ÷ 12		26.55 ÷ 106.2		700			1,000	2.2	40x250	9	F 1/4"	77	< 2,5
CDE5LRA	114814130			3 ÷ 5		26.55 ÷ 44.25		2000			1,020	2.24	40x250	10	F 1/4"	77	< 2,5
CDE7LRA	114814131			3 ÷ 7		26.55 ÷ 61.95		1200			1,020	2.24	40x250	10	F 1/4"	77	< 2,5
CDE12LRA	114814132			3 ÷ 12		26.55 ÷ 106.2		700			1,020	2.24	40x250	10	F 1/4"	77	< 2,5
CDE5PRA	114814560			3 ÷ 5		26.55 ÷ 44.25		2000			1,100	2.42	38x225x155	9	F 1/4"	77	< 2,5
CDE7PRA	114814561			3 ÷ 7		26.55 ÷ 61.95		1200			1,100	2.42	38x225x155	9	F 1/4"	77	< 2,5
CDE12PRA	114814562			3 ÷ 12		26.55 ÷ 106.2		700			1,100	2.42	38x225x155	9	F 1/4"	77	< 2,5
CDE5PARA	114814570			3 ÷ 5		26.55 ÷ 44.25		2000			1,190	2.62	38x230x160	9	F 1/4"	77	< 2,5
CDE7PARA	114814571			3 ÷ 7		26.55 ÷ 61.95		1200			1,190	2.62	38x230x160	9	F 1/4"	77	< 2,5
CDE12PARA	114814572			3 ÷ 12		26.55 ÷ 106.2		700			1,190	2.62	38x230x160	9	F 1/4"	77	< 2,5

Legend

Reversibility: All models are suitable for tightening und untightening operation

Push to start

Lever 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.

* 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.
- 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.**

CDE air screwdrivers are designed for use with lubricated and unlubricated compressed air

Other technical features

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

Standard equipment (provided with the tool)

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

Accessories available upon request

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

PEOPLE AND SOLUTIONS

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Quality Management System Certificate

Environmental Management System Certificate

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