

Air screwdrivers & nutrunners



# ZZEUS

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new



+

FASTER

+

MORE  
EFFICIENT

+

WITH BETTER  
ERGONOMY

NEW

AIR

SCREWDRIVERS

with pistol grip



**Fiam**

INDUSTRIAL AIR TOOLS



# ZEUS

The new ZEUS screwdrivers, with "pistol grip", have been designed and manufactured by FIAM with **new motor and new reduction gear** assembly unit which, together with the already consolidated TRACS torque control system (torque repeatability and accuracy control system), developed within Sigmatech project, represent the ideal solution in order to obtain power, speed and efficiency in all assembly operations.

In fact, these innovative solutions **guarantee considerable productivity increase** in different industrial application fields and at the same time ensure very high quality of the assembled products and longer tool life.

The ZEUS range, with "pistol grip", is suitable for use where particular thrust along the tightening axis is required.

The ZEUS range has also **new important ergonomic features**:

- **New anti-slip, insulated shaped sheath**, ensuring better grip and higher comfort for the operator
- **New reduced effort start button with gradual start**, considerably reducing finger fatigue.
- **New patented silencing system**, guaranteeing remarkable noise reduction.

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	min. Nm									
Z2200PRAS1	112514515		0,6	2,0	2000			0,70	37x199x156,5	4,5	⊕ F 1/4"	69	< 2,5 m/s <sup>2</sup>
Z3140PRAS1	112514516		0,6	3,3	1400			0,72	37x199x156,5	6,0	⊕ F 1/4"	71	< 2,5 m/s <sup>2</sup>
Z4095PRAS1	112514517		0,6	4,5	950			0,72	37x199x156,5	6,0	⊕ F 1/4"	71	< 2,5 m/s <sup>2</sup>
Z4065PRAS1	112514518		0,6	4,5	650			0,72	37x199x156,5	6,0	⊕ F 1/4"	71	< 2,5 m/s <sup>2</sup>

## LEGEND

Z = Model name • 3 = Max torque • 140 = Max speed (index x10) • PA = Forward pistol grip • R = Reversible • A = Air shut-off • S = Sigmatech project • 1 = N° of updating

**REVERSIBILITY:** All models are suitable for tightening and untightening operation

**PUSH BUTTON**

The torque range indicated is the one we recommend in order to obtain the best performance in the repeatability of the tightening torque. Values reported on the chart enclosed here to are min and max possible ones considering use of relevant springs. For more information please contact our **Technical Assistance Service**.

### Standard equipment (supplied with the tool)

- Clutch adjustment key
- Additional clutch spring
- Hanging ring
- Use and maintenance manual
- Eco-friendly packaging

### Accessories available upon request

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

- 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: 2002 standards. \* Additional factor: 3 dBA spread in method and production (EN ISO 15744: 2002).
- Vibrations level have 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).
- 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**.

MODELS	Assembled on the tool	Supplied
	GREY color • Ø wire 3,2 mm Code 595103202	BLACK color • Ø wire 2,2 mm Code 595102204
Z2200PRAS1	Tightening torque on soft joint 0,8+2,0 Nm	Tightening torque on soft joint 0,5+1,2 Nm
Z3140PRAS1	0,8+3,6 Nm	0,5+1,2 Nm
Z4095PRAS1	0,8+4,8 Nm	0,5+1,2 Nm
Z4065PRAS1	0,8+4,8 Nm	0,5+1,2 Nm

## Other technical features

Model	Air inlet	Recommended hose bore
Z... .. PRAS1	1/4" gas	Ø 5 mm



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Quality Management System Certificate  
ISO 9001: 2000  
ICIM 0250



Environmental Management System Certificate  
ISO 14001: 1996  
ICIM 0002A

FIAM PRODUCTS ONLY USE QUALITY COMPONENTS

