

Electric Nutrunner DE1



The new generation – DE1

We have managed to squeeze 3,600 Nm of concentrated power into 465 millimetres. Our new more powerful nutrunner DE1 is shorter and more slender than its predecessor.

The DE1 has been equipped with a new control system which includes voltage monitoring and speed sensing to allow you to complete bolting processes with even greater precision and reliability. As it reliably offsets any voltage fluctuations and changes in temperature, this new nutrunner delivers superior torque accuracy. The DE1 switches automatically to the available mains frequency (e.g. 50 Hz or 60 Hz).

The Plarad nutrunner of the latest generation: Slimmer, lighter & more intelligent!

Exceptional flexibility
The drive rotates 360°.

First-rate technology

The digital multi-function display (O-LED) offers the user outstanding ease of use and a comprehensive range of indication values:

- The operating menu largely dispenses of text.
- The two-digit torque rating 00-99 can be adjusted using the corresponding buttons.
- The measured values of mains voltage, mains frequency, and the motor temperature are indicated on the display.
- Another option is to display the torque setting (as listed in the enclosed torque table).
- A host of additional features, e. g. keylock, blocking of individual setting levels and loosening mode, are available in the symbol navigation menu.

Maximum safety

The motor temperature is monitored constantly. When overheating, the motor is switched off automatically.

Optimised gearbox

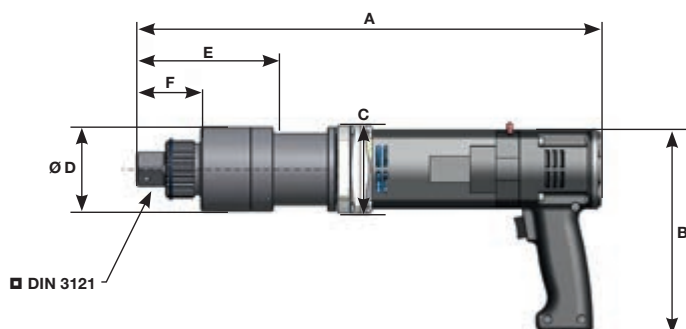
Designed to sustain a constant load, the gearbox is now slimmer, shorter and lighter.

Perfect handling

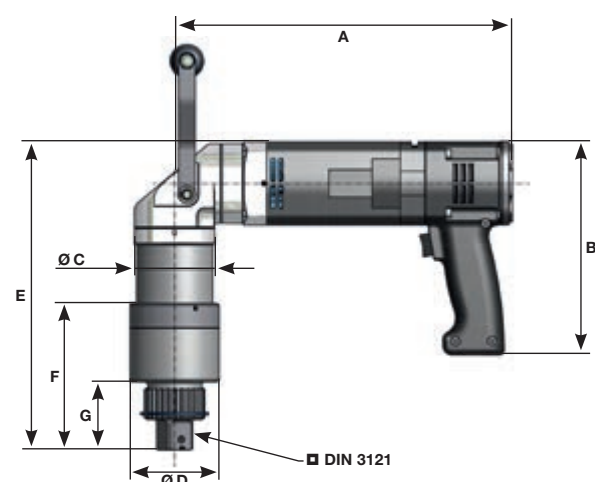
The highly advanced ergonomic design and the low-vibration technology of the nutrunner reduce strain on your muscles and joints (HAVS).



Including silicone display protection



Type	Voltage U (Volt)	Torque range (Nm)	Speed n (rpm)*	A (mm)	B (mm)	C (mm)	Ø D (mm)	E (mm)	F (mm)	■ = Output	Weight (kg)
DE1-10	110	250-1.000	16,8	425	192	85	68,5	146	60,5	¾ "	5,7
	230	250-1.000	19,6	425	192	85	68,5	146	60,5	¾ "	5,7
DE1-20	110	500-2.000	9,0	449	192	85	80	132	61,5	1 "	6,8
	230	500-2.000	12,0	449	192	85	80	132	61,5	1 "	6,8
DE1-30	110	750-3.000	5,9	465	192	85	80	132	61,5	1 "	7,2
	230	750-3.000	8,0	449	192	85	80	132	61,5	1 "	6,8
DE1-36	110	750-3.600	4,5	465	192	85	80	132	61,5	1 "	7,2
	230	750-3.600	5,2	465	192	85	80	132	61,5	1 "	7,2
DE1-48	110	1.000-4.800	3,5	477	192	85	86	161	83,5	1 ½ "	12,2
	230	1.000-4.800	4,6	477	192	85	86	161	83,5	1 ½ "	12,2



Optional accessories:
The mobile measuring unit Torque Control

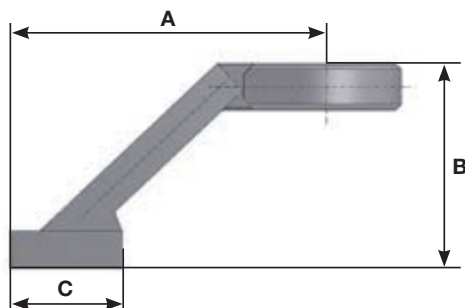


Typ	Voltage U (Volt)	Torque range (Nm)	Speed n (rpm)*	A (mm)	B (mm)	Ø C (mm)	Ø D (mm)	E (mm)	F (mm)	G (mm)	■ = Output	Weight (kg)
DE1-10-W	110	250-1.000	16,8	303	192	72	68,5	253	145	60,5	¾ "	7,9
	230	250-1.000	19,6	303	192	72	68,5	253	145	60,5	¾ "	7,9
DE1-20-W	110	500-2.000	9,0	303	192	72	80	227,5	132	61,5	1 "	9,0
	230	500-2.000	12,0	303	192	72	80	227,5	132	61,5	1 "	9,0
DE1-30-W	110	750-3.000	5,9	303	192	72	80	293,5	132	61,5	1 "	9,4
	230	750-3.000	8,0	303	192	72	80	227,5	132	61,5	1 "	9,0
DE1-36-W	110	750-3.600	4,5	303	192	72	80	293,5	132	61,5	1 "	9,4
	230	750-3.600	5,2	303	192	72	80	293,5	132	61,5	1 "	9,4

* Idle speed at setting 99

Protection class: IP20

Standard reaction arms



Type	A (mm)	B (mm)	C (mm)	Weight (kg)
DE1-10	184	100	90	1,5
DE1-20	190	100	90	1,85
DE1-30	230	110	90	2,4
DE1-36	230	110	90	2,4
DE1-48	210	130	90	3,25

Optional accessories



Various accessories including fittings, extensions, steel rings which can be welded, sockets, reaction arms or the mobile measuring unit Torque Control are available both as standard and custom models.



... a successful connection!

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