TECHNICAL DATA SHEET

Festool TID 18-Basic

Cordless Impact Driver | Product no. 576481 | 18 V

Product overview

Professional cordless impact driver with a brushless EC-TEC motor, three speed settings and a T-mode for suitable self-drilling screws. Its tangential impact mechanism minimises reaction torque at the handle.

Technical specifications

Rated battery voltage	18 V
Drive / motor	Battery powered; brushless EC-TEC
Operating modes	3 speed settings + T-mode
No-load speed, 1st gear	0–1,200 min-1
No-load speed, 2nd gear	0–2,000 min-1
No-load speed, 3rd gear	0–3,200 min-1
Maximum impact rate	4,500 min-1
Maximum torque	180 Nm
Maximum screw size in softwood	8 × 220 mm
Tool holder	1/4-inch hexagonal
Product weight without accessories	0.90 kg

Principal functions

Tangential impact mechanism; brushless EC-TEC motor; intelligent T-mode; three selectable speeds; tool-free bit insertion; integrated bit storage; LED work light; reversible belt clip.

Applications & configuration

Typical applications

Furniture assembly and kitchen fitting; installation of doors, windows, fittings and rear panels; timber substructures; fencing, pergolas and carports; fastening in wood, metal and plastic with appropriate screws and bits.

Basic package – product no. 576481

Cordless impact driver	TID 18
Accessory	Belt clip
Storage	Systainer³ SYS3 M 187
Battery pack	Not included
Battery charger	Not included

Noise and vibration – fastening

Sound pressure level, LpA	100 dB(A)
Sound power level, LWA	108 dB(A)
Noise uncertainty, K	3 dB
Total vibration, ah	24 m/s²
Vibration uncertainty, K	4 m/s²
Reference standard	EN 62841

Use and safety notes

Use impact-rated bits and fasteners suitable for the workpiece. Wear hearing and eye protection and follow the manufacturer’s operating and safety instructions. Actual exposure varies with the application, operating conditions and duration. Battery packs and chargers must be selected for compatibility with Festool’s 18 V platform.

Manufacturer reference

Festool official product page: www.festool.com/products/cordless-products/cordless-impact-drivers/576481---tid-18-basic

This independent technical summary is based on published Festool product information. It is not a manufacturer-issued data sheet. Confirm current specifications and supplied items with Festool before procurement.