

DLV7500/8500series

Ergonomic and Compact

The new "delvo" fulfills the workers needs for low vibration, low noise, and easy gripping in a compact design.

High Torque Accuracy

The new "delvo" achieves an accurate and consistent torque with an easily visible torque reach light. The combination of an advanced clutch design and the auto-stop circuitry assures torque accuracy.

High Durability

More than a million screws can be accurately tightened with the durable gear/clutch mechanism. The long life motor with a yoke made of advanced materials further assures a long service life.

Product Safety

The new "delvo" fully complies with European CE safety standards (89/336/EEC, 92/31/EEC, 73/23/EEC). An antistatic option is available.

Easy Maintenance

The tool is easily disassembled and reassembled for maintenance because of the modular design, the power cord is also easily replaced.

Antistatic(ESD)

The DLV7500/8500-BKE uses the conductible synthetic resin frame body to protect any products which are vulnerable to static electricity. It complies with European static electricity standards (EN100015-1).

Pull Bit Release

Holds the bit securely, preventing inadvertent release.

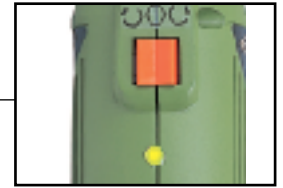


Non-slipping Grip, Easy to Grasp

The non-slip surface and shape allows the operator to firmly hold the tool, even at the highest torque settings.

Easy Forward/Reverse Operation

Horizontal rocker switch is easy to operate with the thumb.



Firm torque control

The torque reach light goes on when the set torque is reached.

Easy Maintenance Design

Modular design assures easy maintenance.

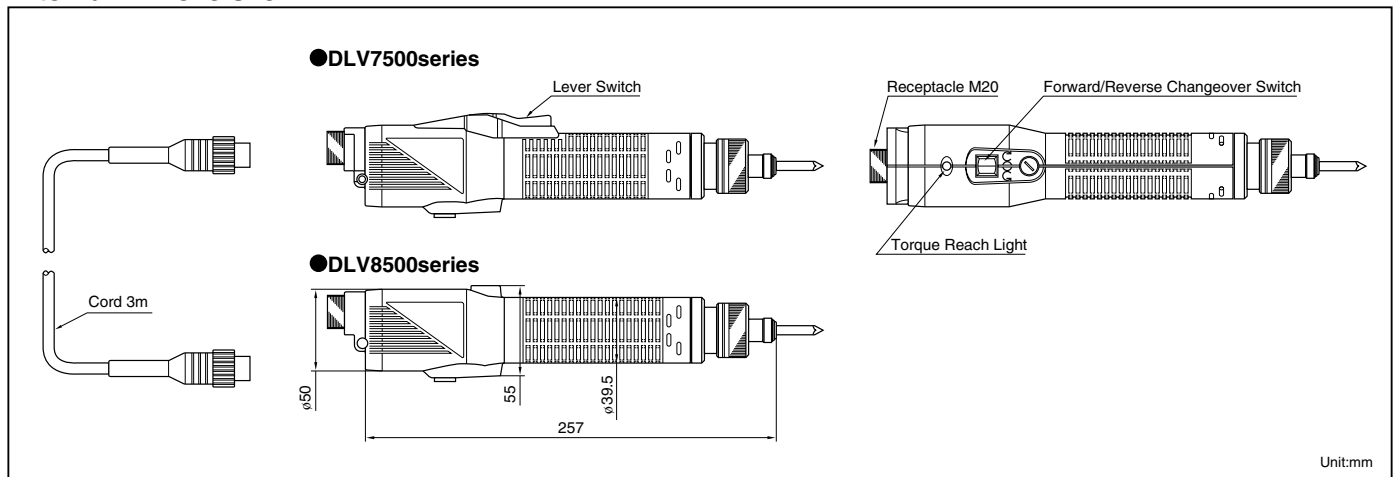


Power Cord Connector

The power cord is easily detached and replaced allowing easy repair or workstation redesign.



External Dimensions





Specifications

Screwdriver	Model	Standard		High Torque		Standard		High Torque	
		DLV7530-MKE	DLV7540-MKE	DLV7550-MKE	DLV8530-MKE	DLV8540-MKE	DLV8550-MKE	DLV8550-MKE	
	ESD	DLV7530-BKE	DLV7540-BKE	DLV7550-BKE	DLV8530-BKE	DLV8540-BKE	DLV8550-BKE	DLV8550-BKE	
	Starting Method	Lever Start				Push to Start			
	Input Voltage	34VDC							
	Torque Adjustment	Stepless							
	Torque (kgf·cm)	5~17	12~27	20~45	5~17	12~27	20~45	20~45	
	(N·m)	0.49~1.67	1.18~2.65	1.96~4.41	0.49~1.67	1.18~2.65	1.96~4.41	1.96~4.41	
	Free Speed (min ⁻¹)	1,100	700	500	1,100	700	500	500	
	Screw Size (mm)	Machine Screw	2.6~4	3.5~5	4.5~6	2.6~4	3.5~5	4.5~6	
		Tapping Screw	2.3~3.5	3~4	4~5	2.3~3.5	3~4	4~5	
	Bit Type (mm)								
	Mass (g)	650	650	750	650	650	650	750	

	Measurement point	Conventional product	DLV7500-BKE
Handle	Static Electricity (V)	350	5
	Surface Resistance (Ω)	more than 10 ¹³	10 ⁴
Lever Switch	Static Electricity (V)	350	2
	Surface Resistance (Ω)	more than 10 ¹³	10 ⁴
Forward/Reverse Switch	Static Electricity (V)	25	2
Power Cable	Static Electricity (V)	110	5
	Surface Resistance (Ω)	more than 10 ¹³	10 ¹⁰

Part	Material
Handle Lever Switch	Synthetic resin with carbon fiber
Power Cable	Anti-static material

*Measurement conditions (Temperature:22°C Humidity:66%)
 (1) Static electricity ●Earth the measurement equipment and measuring person.
 ●Grip the screwdriver five times using Ansel Edmont electronic control glove.
 ●Turn on the switch of the screwdriver. ●Measure each part of the screwdriver using electronic measurement equipment manufactured by Shishido electrostatic Ltd.
 (2) Surface resistance ●Measure using Simco Japan surface resistivity measurement equipment.

DLC1520 can run up to two screwdrivers respectively on one controller. This allows one operator to tighten several different types of screws with one unit of controller which results in space savings and lower cost. In addition, it is possible to detect respective torque reach signals from different screwdrivers connected to the controller.

	Model	Features	Input Voltage	Output Voltage	Mass (kg)	Size W x L x H (mm)
Controller	DLC1510-JE	Standard	230VAC	34VDC	4.8	115x180x100
	DLC1510-JES*1	ESD				
	DLC1510-JEU*1	With UK Plug				
	DLC1520-JE*2	2 Screwdrivers for 1Controller			5.1	115x235x121
	DLC4510-JE	With Speed Control and Soft Start Function			5	143x177x126
	DLR1510-JE	Screw Counter			5.1	143x177x126

*1:These models are made to order.

*2:Each screwdriver connected to DLC1520 should be operated independently when tightening screws. Operating two units simultaneously may cause malfunction of the controller.

*3:Shape of plug for power supply is "Europe" type except DLC1510-JEU.

*4:Please see page 18 for details of DLC4510-JE and DLR1510-JE.

Standard Accessories

	No.	DLV7530/7540/8530/8540	DLV7550/8550
Bit	No.1 x 7x 75	1	—
	No.2 x 7x 75	1	1
	No.3 x 7x 50	—	1
Spare Carbon Brush		2	
Power Cord		1	
Suspension Bail		1	

