

Diamond Core Drills

Specification sheet - Diamond Core Drills:

		Model Numbers:			
		DF-320	DF-330	KF-500	DF-650
					
DIAMOND CORE DRILLS					
1.0 Performance data					
1.1	- Voltage	230V	230V	230V	230V
1.2	- Frequency	50Hz	50Hz	50Hz	50Hz
1.3	- Power-input	1.4kW	1.4kW	1.4kW	2.6 kW
1.4	- Amperage	6.2A	6.2A	6.2A	12 A
1.5	- Cooling	air cooled	air cooled	air cooled	air cooled
2.0 Application					
2.1	- Application (wet / dry)	wet	wet	wet	wet
2.2	- Application (handheld / drill stand)	Hand Held	hand held drill stand (optional)	drill stand	drill stand
2.3	- Speed settings	0 - 2200 rpm	0 - 2200 rpm (speed 1) 0 - 1100 rpm (speed 2)	1150 rpm	850 rpm
2.4	- Gear adjustment knob	N/A	2 speed	N/A	N/A
2.5	- Drill-Ø into abrasive (bricks) / gear I	25 - 75 mm (75 mm maximum size recommended for hand-held)	25 - 75 mm 25 - 120 mm (with optional drill stand)	25 - 120 mm	25-120mm
2.6	- Drill-Ø into abrasive (bricks) / gear II	-	80 - 100mm 80 - 120 mm (with optional drill stand)	-	-
2.7	- Drill-Ø into concrete / gear I	25 - 75 mm (75 mm maximum size recommended for hand-held)	25 - 75mm 75 - 120 mm (with optional drill stand)	25 - 120 mm	25 - 170 mm
2.8	- Drill-Ø into concrete / gear II	-	40 - 80mm 80 - 120 mm (with optional drill stand)	-	-
2.9	- Core bit length (mm)	350	350	350	400
3.0 Interface					
3.1	- Drill stand	-	Collar pillar Ø 60mm (Optional drill stand available)		
3.2	- Handle	Pistol Grip	Pistol Grip (Feed Lever with optional stand)	Feed Lever	Feed Lever
3.3	- Spindle size	OT: 1/2" Male	OT: 5/8" Male	OT: 1/2" Male	OT: 1 1/4" UNC Male ID: 1/2" Female
4.0 Configuration/Included in delivery					
4.1	- Mechanical Clutch	Friction clutch	Friction clutch	Friction clutch	Friction clutch
4.2	- Electronic Soft-Start	Trigger switch with Soft-Start integrated	Trigger switch with Soft-Start integrated	-	-

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4.3	- LED indicator	N/A	N/A	LED in following order; green(power ON/OFF)/ yellow(ok)/orange(overload warning)/ red(overload)	LED in following order; green(power ON/OFF)/ yellow(ok)/orange(overload warning)/ red(overload)
4.4	Control Switch	Variable speed trigger	Variable speed trigger	ON / OFF Rocker switch	ON / OFF Rocker switch
4.5	- Safety Overload Switch	Yes	Yes	Yes	Yes
4.6	- Power cable / Plug	Power cable 5m -AU plug	Power cable 5m -AU plug	Power cable 5m -AU plug	Power cable 5m -AU plug
4.7	Integrated Earth Leakage with PowerCord (PRCD)	Yes (PRCD 2.5m from drill for safety and convenience)	Yes (PRCD 2.5m from drill for safety and convenience)	Yes (PRCD 2.5m from drill for safety and convenience)	Yes (PRCD 2.5m from drill for safety and convenience)
5.0 General					
5.1	- Machine Weight	4 kg	4.5 kg	8 kg	15.5 kg
5.2	- Drill stand dimension	N/A	Optional Drill Stand Length 760mm (Shipping Weight 11kg)	Length 550 mm	Length 750 mm
6.0 Accessories included					
6.1	- Manual	English	English	English	English
6.2	- Wrench (Spindle)	27 mm x 1 pcs.	27 mm x 1 pcs.	27 mm x 1 pcs.	36 mm x 1 pcs.
6.3	Adjustable Wrench	yes	Yes	-	-
6.4	- Wrench (1 1/4" thread Core bit)	-	-	32 mm x 1 pcs.	46 mm x 1 pcs.
6.5	- Packaging	plastic tool case	plastic tool case	N/A	N/A
6.6	- Shipping weight	9 kg	9.5 kg	12 kg	21 kg
6.7	- Water collector	N/A	4" Water collector (optional)	4" Water collector	6" Water collector
6.8	- Spindle Adaptor	1/2"F - 1 1/4"M	5/8"F - 1 1/4"M	-	-
7.0 Features					
7.1	Motor Insulation protection	Yes	Yes	Yes	Yes
7.2	Drilling stand angle adjustable	N/A	No	Yes (20 degrees to vertical)	No
7.3	Insulated Handle	Yes	Yes	Yes	Yes