



DM5P Wet Drilling Motor for Medium Diameters

Dec. 2023

Internal & Confidential

AGP | DM5P Wet Drilling Motor

AGP TAIWAN

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Introduction

Target group & Applications

DM5P Introduction

This is an 1800 W core drilling motor with two-speed gearbox with clutch which is primarily for wet drilling from 10 mm up to 132 mm in reinforced concrete. It is specially designed for small to medium diameters, being light in weight and convenient to use. It includes a spirit level for accurate horizontal drilling. It can be used either hand-held or mounted to a drill stand.

Target Groups and Applications

This tool is intended for operators such as general construction personnel, plumbers, drilling companies, or anyone who needs to drill small to medium sizes in reinforced concrete. It will be most suited to operators who need a capable tool which is light and easy to use. This tool is intended for a user who primarily needs to drill wet in reinforced concrete, either hand-held or rig-mounted.



Sales Arguments



Heavy-Duty Gearbox

High-speed two-speed gearbox with mechanical clutch for heavy-duty use.



Spirit Level

Horizontal Spirit Level allows operators to create precisely aligned holes



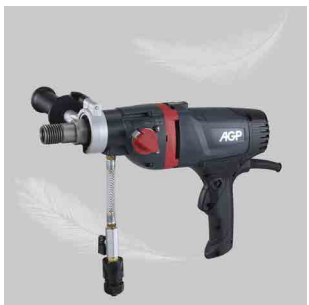
Ergonomic Main Handle

The handle makes it easy to hold the tool straight and the flat tail cover enables the operator's shoulder to give additional downforce.



Inline Side Handle

The side handle is inline with the spindle centerline for best control



Light in Weight

At only 4.8 kg, it has the lightest weight in its class for easy handling and minimum fatigue.

Technical Specifications

Technical Specification

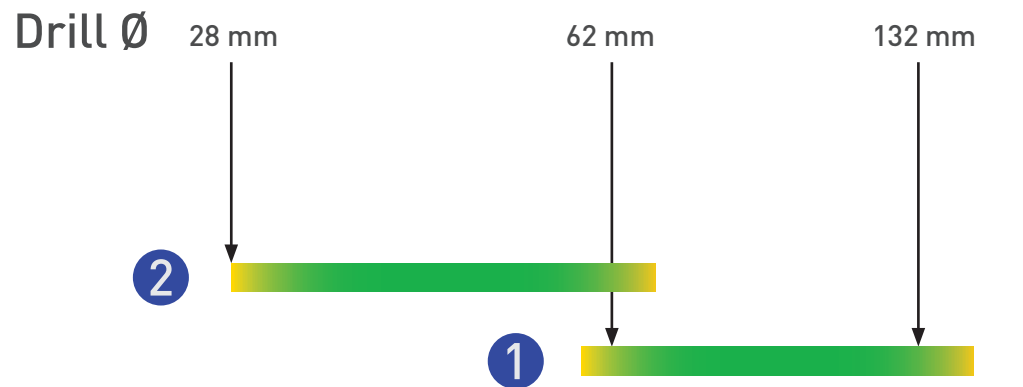
Model	DM5P
Power Input	1800 W
Voltage, Frequency	220-240 V~ 50-60 Hz or 110-120 V~ 50-60 Hz
No Load (Rated Load) Speeds	Speed 1: 1500 (780) min ⁻¹ Speed 2: 2500 (1400) min ⁻¹
Capacity-Wet	132 mm (5-1/4")
Spindle Thread	1-1/4" UNC male & 1/2" BSP female
Soft Start & Overload Protection	With
Mechanical Safety Clutch	With
Neck Diameter	60 mm
Insulation Class	Class II with PRCD / GFCI
Dimensions (LxWxH)	450 x 105 x 280 mm
Weight	5.4 kg (11.8 lb)

- ① Motor
- ② 2 Horizontal Spirit Level
- ③ Gearbox
- ④ Side Handle
- ⑤ Spindle 1-1/4" UNC & 1/2" BSP
- ⑥ Water Supply Kit
- ⑦ Gear Selector
- ⑧ Lock-On Trigger Switch
- ⑨ Main Handle
- ⑩ PRCD Interruptor



Ideal Operating Window

Wet Drilling in Reinforced Concrete



Offer Content

Standard Accessories


















- ① DM2 Wet Drilling Motor
- ② Side Handle
- ③ Water Supply Kit
- ④ Inline PRCD Interrupter
- ⑤ Blow Molded Case

Optional Accessory

- ⑥ Soft-Grip Side Handle
- ⑦ SDS Pilot Drill Socket



Comparison Table

Brand							
Hand-Held Medium Wet Core Drilling							
Model No.	DM5P	DK0803	DM 200	BDB 8131	ETN 2001 P	T2000 ME-14	DD 110-W
Power Input	230 V: 1800 W	230 V: 1800 W	230 V: 1850 W	230 V: 1400 W	230 V: 1700 W	230 V: 2000 W	230 V: 1600 W
Rated Load Speed	Gear 1: 780 /min Gear 2: 1400 /min	Gear 1: 540 /min Gear 2: 1700 /min	Gear 1: 800 /min Gear 2: 1700 /min	Gear 1: 500 /min Gear 2: 1050 /min	Gear 1: 0-800 /min Gear 2: 0-1570 /min	Gear 1: 960 /min	Gear 1: 650 /min Gear 2: 1380 /min
Claimed Capacity-Wet	132 mm	150 mm	100 mm	102 mm	132 mm	122 mm	Rig-Mounted: 162 mm
Spindle	1-1/4" & 1/2" BSP	1-1/4" & 1/2" BSP	1-1/4" & 1/2" BSP	1-1/4" & 1/2" BSP	M18	1-1/4" & 1/2" BSP	Bl+
Gearbox Lubrication	Grease	Oil Bath	Oil Bath	Grease	Grease	Grease	Oil Bath
LED Load Indicator	No	No	No	No	No	No	Yes
Anti-Seize Ring	No	No	No	No	No	Optional	N/A
Spirit Levels	Horizontal 	Vertical & Horizontal	Vertical & Horizontal	No	No	No	No
In-Line Side Handle	Yes 	Yes	No, Offset	No, fixed	No, Offset	No, Offset	Yes
Motor Housing Material	Plastic	Plastic	Plastic	Plastic	Plastic	Aluminum	Plastic
Weight	4.8 kg 	4.9 kg	7.0 kg	6.7 kg	6.8 kg	5.6 kg	5.3 kg
Street Price w/o Tax		893.35 €	1024,85 €	815,21 €	729,34 €	654,80 €	2335,84 €
Remarks		No LED load indicator	SmartStart function (slow start)	Underpowered	No LED load indicator, no spirit levels	Only 1 gear. Wet & dry capable	LED load indicator, quick-release spindle
Conclusion	The AGP combines light weight with competitive performance. There are useful features, such as the in-line side handle and spirit level. The lightness and compactness of the AGP makes it an excellent and convenient tool for medium wet coring.						

Tool Dimensions (mm)

