

# CORE DRILLING

Drill Motors and Drill Stands

DBM-180-2



DBM-180-2 Wet Diamond Core Drill Motor

The DBM-180-2 is an effective choice of two speed hand-held diamond core drills. The model is equipped with a high efficiency 1.8kw motor including soft start, slow start, overload protection, and thermal protection; for convenient wet drilling up to 132mm. A mechanical slip clutch is added on the two speed gear box as an added level of safety.

Features:

- Wet Drilling Function  
The model is perfect for wet drilling up to 132mm and comes standard with a water supply kit
- Advanced Motor Control & Protection  
Smart electronic motor control includes soft start, slow start, overload protection, thermal protection and load warning system with indicator light to notify operator when motor is close to overloading.
- Slow Start For Accuracy  
Slow start function lets the motor start at half speed and reach full speed in a few seconds; allowing greater control and accuracy for drilling the hole first time.
- Two In One Spindle  
Two-in-one spindle offers both 1-1/4" UNC and 1/2" BSP allowing you to mount conveniently without an adaptor.
- Horizontal Spirit Level  
Built in levels help guide operation to a straight and perfect angle drilling.

TECHNICAL DATA	DBM-180-2
POWER INPUT	1800 W (220V), 1700W (110V)
VOLTAGE	220-240V ~ 50-60Hz, 110-120V ~ 50-60Hz
RATED LOAD SPEEDS MIN -1	Speed 1: 780
	Speed 2: 1400
CAPACITY - WET	132mm (5-1/4")
SPINDLE THREAD	1-1/4" UNC male & 1/2" BSP female
NECK DIAMETRE	60mm
PROTECTION CLASS	Class I with PRCD / GFCI
DIMENSIONS	450mm x 105mm x 280 mm
WEIGHT	4.8 Kg (10.56 Lbs)
CABLE LENGTH	3 m



2 SPEED GEARBOX



SPINDLE THREAD

DBM-200-3



DBM-200-3 Wet Diamond Core Drill Motor

DBM-200-3 is a professional grade diamond core drill motor for wet drilling. It has a three speed oil bath gear box, with mechanical clutch and integrated water feed system. This machine is dependable, heavy-duty and efficient; bringing a whole new level of seriousness to the job site. If you're a professional and you need the best of the best, then look no further.

Features:

- Advanced Motor Control & Protection  
Smart electronic motor control includes soft start, slow start, overload protection, thermal protection and load warning system with indicator light to notify operator when motor is close to overloading.
- Slow Start For Accuracy  
Slow start function lets the motor start at half speed and reach full speed in a few seconds; allowing greater control and accuracy for drilling the hole first time.
- Manufactured from Magnesium  
The motor housing, gear box and gear plate are made from magnesium alloy for minimal weight and maximum strength. The all-metal construction improves cooling and increases durability.
- Flexibility for Bigger Jobs  
The 60mm mounting neck allows mounting into a rig for even larger drilling jobs.
- Two In One Spindle  
Two-in-one spindle offers both 1-1/4" UNC and 1/2" BSP and a built-in Anti-Seize Ring to prevent core bits from getting stuck on the spindle.
- Built-In Horizontal and Vertical Level  
Built in levels help guide operation to a straight and perfect angle when drilling.
- Maximum Safety Standard  
PRCD / GFCI interrupter is included for electrical safety.

TECHNICAL DATA	DBM-200-3
POWER INPUT	2000 W (220V) (8.7A), 1700 (110V) (15A)
VOLTAGE	220-240V ~ 50-60Hz, 110-120V ~ 50-60Hz
NO LOAD SPEEDS MIN -1	930 / 1520 / 4270
RATED LOAD SPEEDS MIN -1	560 / 910 / 2560
CAPACITY	Hand-Held: 80mm (3")
	Rig-Mounted:160mm (6-1/4")
SPINDLE THREAD	1-1/4" UNC male & 1/2" BSP female
NECK DIAMETER	60mm
PROTECTION CLASS	Class I with PRCD / GFCI
DIMENSIONS	437 x 115 x 289 mm
WEIGHT	6.3 Kg (13.89 Lbs)



BOX AND ACCESSORIES



3 SPEED GEARBOX





DBM-32-3 3 SPEED Rig-Mounted Drilling Motor

The DBM-32-3 is built for continuous professional use. The powerful single phase motor offers extreme durability and super efficiency. If you're a professional and are looking for a serious core drilling motor, then this is the machine for you.

Features:

- Advanced Motor Control & Protection  
Smart electronic motor control includes soft start, slow start, overload protection, thermal protection and load warning system with indicator light to notify operator when motor is close to overloading.
- Slow Start for Accuracy  
Slow start function lets motor start at half speed and reach full speed in a few seconds; allowing greater control and accuracy for drilling the hole first time.
- Manufactured from Aluminium  
The motor housing, gear box and gear plate are made from Aluminum for better cooling and durability. The all-metal construction improves cooling and increases durability.
- Two In One Spindle & Anti-Seize Ring  
Two-in-one spindle offers both 1-1/4" UNC and 1/2" BSP and a built-in Anti-Seize Ring to prevent core bits from getting stuck on the spindle.
- Built-In Horizontal and Vertical Level  
Built in levels help guide operation to a straight and perfect angle when drilling.
- Maximum Safety Standard  
PRCD / GFCI interrupter is included for electrical safety.\*110-120V W/O PRCD/GFCI

TECHNICAL DATA	DBM-32-3
POWER INPUT	3500 W (220V) (16A), 2800 (110V) (25A)
VOLTAGE	220-240V ~ 50-60Hz, 110-120V ~ 50-60Hz
NO LOAD SPEEDS MIN -1	350 / 600 / 1000
RATED LOAD SPEEDS MIN -1	220 / 370 / 620
DRILLING CAPACITY	Ø350mm (14")
GEAR OIL TYPE	90W
GEAR OIL CAPACITY	625ml
SPINDLE THREAD	1-1/4" UNC male & 1/2" BSP female
PROTECTION CLASS	Class I with PRCD / GFCI
DIMENSIONS	550 x 155 x 210 mm
WEIGHT	12.9 Kg (28.4 Lbs)



3 SPEED GEARBOX



BUILT IN LEVEL



DBM-32-4 4 SPEED Rig-Mounted Drilling Motor

The DBM-32-4 is built for continuous professional use. The powerful single phase motor has extreme durability and super efficiency. 4 speeds ensures you drill at the maximum efficiency on different diameters. If you're a professional and looking for a serious core drilling motor, then this is the machine for you.

Features:

- Advanced Motor Control & Protection  
Smart electronic motor control includes soft start, slow start, overload protection, thermal protection and load warning system with an indicator light to notify the operator when the motor is close to overloading.
- Slow Start for Accuracy  
Slow start function lets motor start at half speed and reach full speed in a few seconds; allowing greater control and accuracy for drilling the hole first time.
- Manufactured from Aluminium  
The motor housing, gear box and gear plate are made from Aluminum for better cooling and durability. The all-metal construction improves cooling and increases durability.
- Two In One Spindle & Anti-Seize Ring  
Two-in-one spindle offers both 1-1/4" UNC and 1/2" BSP and a built-in Anti-Seize Ring to prevent core bits from getting stuck on the spindle.
- Built-In Horizontal and Vertical Level  
Built in levels help guide operation to a straight and perfect angle when drilling.
- Maximum Safety Standard  
PRCD / GFCI interrupter is included for electrical safety. \*110-120V W/O PRCD/GFCI

TECHNICAL DATA	DBM-32-4
POWER INPUT	3500 W (220V) (16A), 2800 (110V) (25A)
VOLTAGE	220-240V ~ 50-60Hz, 110-120V ~ 50-60Hz
NO LOAD SPEEDS MIN -1	385/ 530 / 975 / 1340
RATED LOAD SPEEDS MIN -1	225 / 300 / 565 / 780
DRILLING CAPACITY	Ø400mm (16")
GEAR OIL TYPE	90W
GEAR OIL CAPACITY	625ml
SPINDLE THREAD	1-1/4" UNC male & 1/2" BSP female
PROTECTION CLASS	Class I With PRCD/GFCI (110-120V W/O PRCD/GFCI)
DIMENSIONS	550 x 155 x 210 mm
WEIGHT	13.5 Kg (27.8 Lbs)



SWITCH BOX WITH HEAVY DUTY ROCKER TYPE SWITCH



4 SPEED GEARBOX



DBM-62DD



DBM-62DD DRY Diamond Core Drill Motor

A specially designed heavy-duty 2 speed 2000W motor for dry drilling reinforced concrete up to 162mm, and standard dry drilling up to 262mm.

Features:

- Advanced Motor Control & Protection  
Smart electronic motor control includes soft start, slow start, overload protection, thermal protection and load warning system with an indicator light to notify the operator when the motor is close to overloading.
- Slow Start for Accuracy  
Slow start function lets motor start at half speed and reach full speed in a few seconds; allowing greater control and accuracy for drilling the hole first time.
- Percussion Selector for Dry Drilling  
For dry drilling, the switchable soft percussion function keeps the diamonds sharp and makes dry drilling more efficient.
- Manufactured from Magnesium  
The motor housing, gear box and gear plate are made from magnesium alloy for minimal weight and maximum strength. The all-metal construction improves cooling and increases durability.
- Two In One Spindle & Anti-Seize Ring  
Two-in-one spindle offers both 1-1/4" UNC and 1/2" BSP and a built-in Anti-Seize Ring to prevent core bits from getting stuck on the spindle.
- Built-In Horizontal and Vertical Level  
Built in levels help guide operation to a straight and perfect angle when drilling.
- Dust Extraction Port  
Increases efficiency when dry drilling.

TECHNICAL DATA	DBM-62DD
POWER INPUT	2000 W (220-240V), 1700 (110-120V)
VOLTAGE	220-240V ~ 50-60Hz, 110-120V ~ 50-60Hz
NO LOAD / FULL LOAD MIN -1	Speed 1: 1250 / 750
	Speed 2: 1900 / 1140
PERCUSSION FREQUENCY (NO LOAD / FULL LOAD)	Speed 1: 25,000 bpm / 15,000 bpm
	Speed 2: 38,000 bpm / 22,800 bpm
CAPACITY - DRY (REINFORCED CONCRETE)	162 mm (6-1/4")
CAPACITY - DRY (BRICK)	262 mm (10-5/16")
SPINDLE THREAD	1-1/4" UNC male & 1/2" BSP female
PROTECTION CLASS	Class II
DIMENSIONS	430 x 290 x 122 mm
WEIGHT	6.2 Kg (13.64 Lbs)



DUST EXTRACTION PORT



2 SPEED GEARBOX

DBM31PH



DBM-31PH Petrol Core Drilling Motor

TRAXX DBM31PH petrol powered core drill is designed for use where power is not available, or for drilling that “quick” hole where set up time takes too long.

Couple with any TRAXX water pressure pump and tank and you have the truly portable core drilling system.

Features:

- Vibration dampened handle
- Quick on / off switch
- Centrifugal clutch
- Heavy duty gearbox
- Built in water swivel for wet core drilling
- 31cc, 1.2kw 4 stroke Honda GX35 engine
- 1 1/4" core bit connection
- Maximum core bit 200m

TECHNICAL DATA	DBM-31PH
ENGINE	Honda GX35 (4-cycle)
DISPLACEMENT	31 cc
POWER	1.6hp (1.2 kW)
MAX DRILL BIT DIAMETER	6.5 (165 mm)
MOTOR SPINDLE	1-1/4 UNC
WEIGHT	8 Kg



DBM-AK49H



**DBM-AK49H Hydraulic Core Drill**

The DBM-AK49H core drill is hydraulically driven allowing for higher performance when compared to electrically powered core drills. The DBM-AK49H is ideal for drilling in concrete, masonry and asphalt materials. The lightweight and compact design makes drilling horizontally simple and accurate, while the water cooling system ensures long life of the bit.

- Features:**
- 200 mm drilling diameter capacity
  - Water port
  - Light Weight model

TECHNICAL DATA	DBM-AK49H
MAX PRESSURE	140 bar
FLOW RANGE	26 - 34 lpm
CONNECTOR	3/8" Male Pipe Hose Ends
PORT SIZE	SAE 8 O-Ring
ROTATIONAL SPEED	600 RPM
DRILLING DIAMETER	Up to 200 mm
DIMENSION (L X W)	560 x 260 mm
WEIGHT	8 kg



HANDLE & TRIGGER LEVER



SUPPORTING HANDLE

DS-160-VPK

- Features:**
- Angle adjustment 0-45 degree
  - Quick connect motor mounting and motor bracket 60mm
  - Roller carriage or sliding carriage available
  - Water level in carriage
  - "One for all" lever with 19mm hexagon
  - Drill bit centre device
  - Light weight, carry handle with parking brake on carriage

TECHNICAL DATA	DS 160 VPK
MAX DIAMETER	162 mm
TRAVEL LENGTH	550 mm
MOUNTING	Ø 60 mm Bracket
COLUMN	50 x 50 x 850 mm
WEIGHT	13 Kg



CLAMP BRACKET



DRILL BASE



DS-170

- Features:**
- Rated for 170mm (6-1/2") core bits
  - Lightweight and solid
  - Equipped with quick release cradle system for easy mounting and dismounting.
  - Modular System
  - Longer or shorter columns on request
  - Standard 1:1 crank gearing
  - Optional clamp bracket for mounting hand-held drill motors

TECHNICAL DATA	DS 170
CAPACITY W/O SPACERS	Ø170 mm
MAX. CAPACITY WITH SPACERS	N / A
EFFECTIVE STROKE	540 mm
DIMENSIONS	460 x 215 x 815 mm
WEIGHT	10.1 Kg (22.27 Lbs)



QUICK RELEASE CRADLE



3 BOLT FASTENING BASE



DS-250

Features:

- Rated for 250mm (10") core bits
- Lightweight and solid
- Comes with a clamp bracket for mounting hand-held drilling motors
- Modular System
- Longer or shorter columns on request
- Standard 1:1 crank gearing

TECHNICAL DATA	DS 250
CAPACITY W/O SPACERS	Ø250 mm
MAX. CAPACITY WITH SPACERS	N / A
EFFECTIVE STROKE	660 mm
DIMENSIONS	400 x 245 x 985 mm
WEIGHT	14.9 Kg (31.68 Lbs)



CLAMP BRACKET FOR  
HAND HELD DRILL MOTORS



HANDLE FOR TRANSPORTATION



DS-350

Features:

- Lightweight and solid
- Modular System
- Longer or shorter columns on request
- Standard 1:1 crank gearing
- Optional clamp bracket for mounting hand-held drilling motors

TECHNICAL DATA	DS 350
CAPACITY W/O SPACERS	Ø352 mm
MAX. CAPACITY WITH SPACERS	N / A
EFFECTIVE STROKE	660 mm
DIMENSIONS	435 x 245 x 985 mm
WEIGHT	16.6 Kg (36.52 Lbs)



4 BOLT FASTENING BASE



CRADLE



UVD-330

The UVD330 is a Universal Core Drill Stand that can be modified to have a telescopic extended length of up to 3500mm. The Modular System can be pivoted and turned for added flexibility allowing for both straight and angled drilling. It can drill multiple holes in various positions with just one set up. Ideal for when fixing to a wall is not possible.

Features:

- Pivoted and Turn-able
- Motor Quick Clutch System

TECHNICAL DATA	UVD-330	MODIFIED
MAX DIAMETER	330 mm	330 mm
TELESCOPIC LENGTH	-	3500 mm
STEEL COLUMN	50x50x350 mm	50x50x1700 mm
TRAVEL LENGTH	750 mm	1500 mm (Vertical) 750 mm (Horizontal)
WATER COLLECTION RING	Ø150 mm	Ø150 mm
DIMENSIONS	1100x350x420 mm	1100x350x420 mm
WEIGHT	25 Kg	25 Kg



DS-450

The TRAXX DS450 is a high professional Drill Stand. Its steel baseplate design with a robust aluminum column gives the ideal best performance combination. In addition, the aluminum roller carriage provides a smooth and precise guide. This is the ultimate drill stand for professionals!

Features:

- Lightweight and solid
- Modular System
- Patented quick motor disconnect system
- Longer or shorter columns on request
- Laser centering device fitted
- 2 year warranty

TECHNICAL DATA	DS 450
TRAVEL LENGTH	700 mm
MAXIMUM DIAMETER	450 mm
WEIGHT	23.5 Kg





DS-500

- Features:**
- Rated for 500mm (20") core bits
  - Heavy Duty and Strong
  - Wheels allow stand to be easily transported around jobsite
  - Modular System
  - Longer or shorter columns on request
  - Standard 1:1 crank gearing,
  - Includes a second built-in crank spindle with reduction gearing of 4:1 and 3.3:1 respectively.
  - Spacer blocks from 45mm - 200mm are available

TECHNICAL DATA	DS 500
CAPACITY W/O SPACERS	Ø350 mm
MAX. CAPACITY WITH SPACERS	Ø500 mm
EFFECTIVE STROKE	690 mm
DIMENSIONS	480 x 240 x 1025 mm
WEIGHT	19.08 Kg (41.97 Lbs)

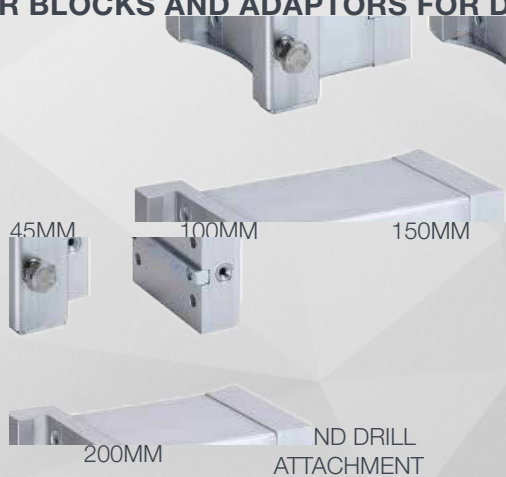


LOCKING MECHANISM



4 BOLT FASTENING BASE  
AND HEAVY DUTY WHEELS

SPACER BLOCKS AND ADAPTORS FOR DS500



1.6 M EXTENDED COLUMN FOR DS 500

DS-800

- Features:**
- Rated for 800mm (32") core bits
  - Heavy Duty and Strong
  - Wheels allow stand to be easily transported around jobsite
  - Modular System
  - Longer or shorter columns on request
  - Standard 1:1 crank gearing,
  - Includes a second built-in crank spindle with reduction gearing of 4:1 and 3.3:1 respectively
  - Spacer blocks from 45mm - 200mm are available

TECHNICAL DATA	DS 800
CAPACITY W/O SPACERS	Ø350 mm
MAX. CAPACITY WITH SPACERS	Ø800 mm
EFFECTIVE STROKE	760 mm
DIMENSIONS	555 x 275 x 1035 mm
WEIGHT	26.5 Kg (58.42 Lbs)



SPACER BLOCKS AND ADAPTORS FOR DS800



2 M AND 2.5 M EXTENDED COLUMN FOR DS800



DBM-32-3 MOUNTED TO DS800  
WITH SPACER BLOCK



## ACCESSORIES

### DRILLING ACCESSORIES

Diamond Core Drilling is one of the most prolific techniques used today by the modern contractor or builder. To satisfy all job requirements Traxx can supply the vast range of core drilling accessories needed. We have: extension rods, core bit adaptors, core removal tools, continuous core barrels in many diameters, water collection devices, vacuum pad systems, vacuum pipe drilling systems, spanners for all applications and many more.

### CORE SUCKERS



A unique device for removing difficult cores from drilled holes, with ease. Just connect a Core Sucker to your vacuum pump, place on the surface of the core, and lift the core out.

### ADAPTORS

**ADAPTOR SUIT  
HILTI 01**



DD-C T2 to and 1/2 BSP  
female (M16/5/8-11")

**ADAPTOR SUIT  
HILTI 07**



DD110-W DD120 DD130  
DD150-U DD-BI+ to 1-1/4 UNC male  
and 1/2 BSP female(M16/5/8-11")

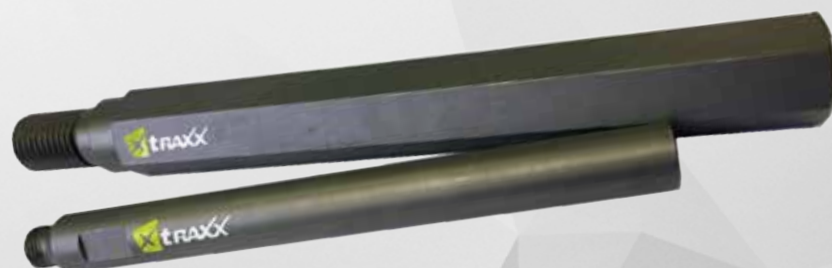
**ADAPTOR GAZ-UNC  
MALE TO MALE**



**ADAPTOR GAZ-UNC  
FEMALE TO FEMALE**



### EXTENSION RODS



Available as GAZ or UNC and in sizes  
ranging from 150mm to 30000mm

### QUICK RELEASE BOLT AND SLOT PLATE

M12 quick release bolts are designed for anchoring core drilling machines or wall and wire saws in a standard position for working.

NOTE: M12 ANCHORS ARE SOLD AS A SEPARATE PART.  
Slot plates are available in 90 mm or 130 mm diameter  
depending on the drill base style.



### SLIDER QUICK RELEASE RING

The Traxx Slider by SFM is designed for quick-releasing of core bits and protection from core-bits jamming on the drill rig for single phase motors.

The Slider once mounted prevents the drill bit from getting jammed onto the core drill shaft, better than any other known device.

Available in two sizes:

- 58mm: a 10mm slider with a 58mm suits <3200 W
- 68mm: a 10mm slider with a 68mm suits >3200 W



### VACUUM PUMP, TANK & PAD

The TRAXX VPAT30 vacuum pump and tank is designed specifically for the core drilling industry.

This tool allows for easy stabilization of core drilling stands to almost any floor or wall, using suction from the pump unit via specially designed vacuum pads, onto which the drill stand can be mounted. In some cases, smaller drill stands such as the TRAXX DS170 have built in vacuum pads/bases.

The integral tank, built into the vacuum pump frame and handle allows for a "safety margin" of vacuum to remain, keeping the pad and stand in place for up to 3 minutes after any power failure or interruption.





WATER PRESSURE PUMPS AND TANKS

TRAXX supplies a full range of water pressure pumps and tanks for many applications, including supplying a quick source of water for core drilling or sawing.



BWT40

The BWT40 model holds 40 L of liquid and when fully charged, which takes just 30-40 minutes and will provide 8 hours of continuous water pressure at your job site. The unit is also fitted with a variable flow control and gardena fittings.

PP13 & PP15

For applying most types of sawing, drilling and grinding chemicals to floors, walls or in fact any surface being worked on. Our 13L carry and 15L wheeled models include a pump action pressure activator and standard Gardena fittings.



HOSE 2 GO

The Hose 2 Go has a constant flow of water that allows you to suppress the dust when cutting, core drilling and grinding concrete. The unit can hold up to 13.8 L of water, giving the user up to 30 minutes of constant flowing water.

GVS90-3 VACUUM CLEANER

With a strong responding motor, this machine is ideal for vacuuming both dust and water. It has multi-purpose attachments that fix to the main unit easily. The GVS90 is suitable for large scale workshops, factory premises, malls, hotels, office buildings and other large scale public places

TECHNICAL DATA	GVS90-3
POWER	3000 W, single phase
CAPACITY	90 L
VOLTAGE	220 - 240 V ~
VACUUM SUCTION	250 bar
AIR FLOW	120 L/s
FUNCTION	Dust and Water Vacuuming
MATERIAL	Heavy Duty Plastic Drum
TANK DIAMETER	440 mm



GVS90-3 TROLLEY

A Heavy Duty Trolley for the GVS90-3 Vacuum. It makes transiting over rough terrain or up and down stairs a cinche, even when full. Existing GVS models bolt on in seconds and can be removed even quicker.

GVS30 VACUUM CLEANER

The GVS30 has the ability to vacuum both dust and water with it's powerful suction capabilities. The tank is made from stainless steel and all the suction hoses and accessories made of high quality materials making the GVS30 very durable. This machine is suitable for hotel, office and warehouse use.

TECHNICAL DATA	GVS30
POWER	1000 W, single phase
CAPACITY	30 L
VOLTAGE	220 - 240 V ~
VACUUM SUCTION	230 bar
AIR FLOW	53 L/s
FUNCTION	Wet and Dry Vacuuming
DIAMETER	345 mm







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