



MK Diamond Products, Inc.

Coring - Professional

MANTA III

MANTA IV

CORE BITS

MK-130/3

MK-2000P



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Scan for Video



A

Combination Anchor Base



B

Combination Tilt Base



C

Anchor Tilt Base



D

Anchor Base

Manta III Industrial Combination/Anchor Tilt Base Core Drill Rigs

Manta III Core Drills features a precision rack-&-pinion carriage with maintenance-free, double-sealed bearings and a 2-1/2" square steel column with ceiling jack. All Manta drill rigs are engineered for positive anchoring to allow for both vertical and horizontal drilling. The lightweight cast-aluminum base and built-in wheels make the Manta line easy to move and maneuver. The carriage assembly easily detaches from column for transport. Control box comes standard with amp meter and a conveniently located power switch.

Bit Capacity	1/2" to 14"				
Spindle	1-1/4"-7				
Bit Feed	27"				
L x W x H (inches)	19" x 24" x 46"				
L x W x H (mm)	480 x 610 x 1,170				
Motor	Milwaukee 4004	Milwaukee 4090	Milwaukee 4094	Milwaukee 4096	Milwaukee 4097-20
Volts / Amps	120V / 20A	120V / 15A	120V / 20A	120V / 20A	120V / 15A
Clutch	Slip Clutch	Shear Pin	Shear Pin	Slip Clutch	Slip Clutch
Motor RPM	300/600	375/750	450/900	450/950	500/1,000
Horsepower	1 HP	1 HP	1 HP	1 HP	1 HP
(A) Combination Base Drill Stand <small>Includes Vacuum</small>	Weight	109 lbs.	109 lbs.	109 lbs.	109 lbs.
	Part#	158639	158641	157449	157448
(B) Combination Tilt Base Drill Stand <small>Includes Vacuum</small>	Weight	114 lbs.	114 lbs.	114 lbs.	114 lbs.
	Part#	158647	158649	158644	158645
(C) Anchor Tilt Base Drill Stand	Weight	–	95 lbs.	95 lbs.	95 lbs.
	Part#	–	158657	158652	158653
(D) Anchor Base Drill Stand	Weight	–	74 lbs.	74 lbs.	74 lbs.
	Part#	–	167324	167325	167326

Core drill rigs available without motors.
Core bits not included.

Core Bits for Concrete and Asphalt



Diameter	Width	STANDARD MK-Yellow Part#	PREMIUM MK-Orange Part#	SUPREME MK-Black Part#
1" (25 mm)	5/8"-11	156320	156348	156376
2" (51 mm)	1-1/4"-7	156324	156352	156380
2-1/2" (64 mm)	1-1/4"-7	156326	156354	156382
3" (76 mm)	1-1/4"-7	156328	156356	156384
3-1/2" (89 mm)	1-1/4"-7	156330	156358	156386
4" (102 mm)	1-1/4"-7	156331	156359	156387
4-1/2" (114 mm)	1-1/4"-7	156333	156361	156389
5" (127 mm)	1-1/4"-7	156334	156362	156390
6" (152 mm)	1-1/4"-7	156335	156363	156391
8" (203 mm)	1-1/4"-7	156340	156368	156396
10" (254 mm)	1-1/4"-7	156342	156370	156398
12" (305 mm)	1-1/4"-7	156343	156371	156399
14" (365 mm)	1-1/4"-7	156344	156372	156400
16" (406 mm)	1-1/4"-7	–	170052	170051



MK-Black, MK-Orange, MK-Yellow Segment Height: 7.5 mm. Drilling Depth: 14" (356 mm)
 Drilling Depth: 14" (356 mm)
 Additional diameter and special length core bits are available upon request.

Turbo Core Bits



Diameter	Thread	SUPREME TURBO MK-Black Part#	PROFESSIONAL TURBO MK-Blue Part#
2" (25 mm)	1-1/4"-7	158711	156570
2-1/4" (51 mm)	1-1/4"-7	158712	–
2-1/2" (64 mm)	1-1/4"-7	158713	156571
3" (76 mm)	1-1/4"-7	158714	156572
3-1/2" (89 mm)	1-1/4"-7	158715	156573
4" (102 mm)	1-1/4"-7	158716	156574
4-1/2" (114 mm)	1-1/4"-7	158717	156575
5" (127 mm)	1-1/4"-7	158718	156576
6" (152 mm)	1-1/4"-7	158719	156577



Segment Height: 10 mm
 Drilling Depth: 14" (356 mm)
 Additional diameter and special length core bits are available upon request.



Removable nut for barrel extensions

Core Bit Extensions for Turbo Core Bits

MK Diamond's Core Bit Extensions offer a quick, easy and low cost way to achieve greater drilling depths with turbo core bits. The 12" tube extensions thread into our turbo core bits. Multiple tube extensions may be used extending the drilling depth in increments of 12". Turbo core bits and extensions must be ordered together.



Diameter	Length	Wall Thickness	Nut	Part #
2" (51mm)	12"	2.0mm	1-1/4"-7	168454
2-1/2" (64mm)	12"	2.0mm	1-1/4"-7	168456
3" (76mm)	12"	2.0mm	1-1/4"-7	168457
3-1/2" (89mm)	12"	2.2mm	1-1/4"-7	168459
4" (102mm)	12"	2.5mm	1-1/4"-7	168460
4-1/2" (114mm)	12"	2.5mm	1-1/4"-7	168462
5" (127mm)	12"	2.5mm	1-1/4"-7	168463
6" (152mm)	12"	2.7mm	1-1/4"-7	168464

Additional diameters are available upon request.

Manta IV Lightweight/Portable Core Drill Rig

Motor	120V / 18 Amp
Watts	2,000
No Load Speed	700 RPM
Motor Spindle	1-1/4"-7 UNC
Bit Capacity	6" (152 mm)
Carriage Travel	21" (533 mm)
L x W x H (inches)	15" x 19.5" x 34"
L x W x H (mm)	831 x 495 x 864
Weight	34 lbs. (15.4 kg)
Includes	Quick Release Water Attachment
Part#	162675

Core bits not included



Handheld Drills

Ideal for drilling holes in floors, walls, ceilings and for all concrete anchoring systems. Fast and efficient drilling of reinforced concrete, concrete, brick, block and stone.

	Model MK-130/3	Model MK-2000P
	The mechanical 3-speed gearbox allows the operator to select the best speed for the core bit diameter.	This wet diamond core drill is ideal for handheld drilling of reinforced concrete, brick, block and stone.
Motor	120V / 16 Amp	120V / 15 Amp (Electronic torque limitation)
Watts	1700	1500
Speed	3 speed (600/1300/2800)	2 speed (800/1570)
Bit Capacity	3" (76 mm) hand-held 6" (152 mm) rig mounted	1-1/2" (38 mm) hand-held 4" (102 mm) rig mounted
Connecting Threads	1-1/4"-7 UNC 5/8"-11 UNC G1/2"	1-1/4"-7 UNC 5/8"-11 UNC
Weight	16 lbs. (7.2 kg)	14 lbs. (6.3 kg)
Includes	<ul style="list-style-type: none"> • Quick Release Water Valve • GFCI • Plastic Carrying Case 	<ul style="list-style-type: none"> • Quick Release Water Valve • GFCI • Plastic Carrying Case
Part#	158368	158365
Optional	Portable Drill Stand	Portable Drill Stand
Part#	159253	159253

Core bits not included