



**CORE
RIGS**

**CORE
BORE**



800-321-5336

Quality Is Choice

diamondproducts.com

PORTABLE CORE RIG LINEUP

M1AA



M3



M1AA Compact Rig

6" Bit Capacity

- Weighs only 35 lbs.
- Single speed 15 amp, 800 RPM
- Built-in LED amp meter
- Spring loaded slide handle for easy coring
- Convenient carrying handle on carriage
- Light weight and portable
- Uses standard power outlets
- Small compact unit for precise coring
- No separate amp meter box
- Includes trap ring that keeps water contained
- Lower cost alternative to larger rigs
- Anchor base can be upgraded to an all-purpose vacuum base

Stands available:

Anchor

All-purpose vacuum base

M3 Small Stair Rig

6" Bit Capacity (3" Hand-Held)

- Single switch outlet control panel with amp meter (except for CB733 and CB744 models with LED amp meter)
- 1-1/2" square column (mast) with black oxidized finish
- Swivel base and mast can turn 360° for easy drilling on stairs
- 4 leveling screws on the base
- Wheel kit is included on anchor models
- Light weight and economical
- Slide handle permits drilling in tight areas
- Compact size for hard-to-reach drilling areas
- Ceiling jack helps keep the rig in place as a backup for anchoring or vacuuming the base down (used with a brace piece-2x4 or other material)
- Weka models allow the motor to be unmounted and used hand-held

M3 AVAILABLE MOTORS

Motor	RPM
Weka DK12, 14 amp	970 / 2330 / 4400
Weka DK13, 14 amp	970 / 2330 / 4400
Milwaukee 4097, 15 amp	500 / 1000
Milwaukee 4004, 20 amp	300 / 600
Milwaukee 4096, 20 amp	450 / 900
Milwaukee 4006, 20 amp	600 / 1200

Stands available:

Combination with vacuum

Combination without vacuum

Anchor



M4

M4 Multi-Purpose Rig

6" Bit Capacity (3" Hand-Held)

- Great for the general contractor (basic drilling) or plumber (hand-held drilling), electrical or mechanical contractor
- Reversible slide handle (for use on left or right side)
- High strength, hard anodized 1-5/8" x 2" aluminum column
- Top carrying handle
- Quick release motor mount and carriage lock
- Leveling bolts on all model bases
- Weka models allow the motor to be unmounted and used hand-held
- 4 Leveling screws on base
- Light weight and portable
- Combo bases have angle braces for drilling up to 45°
- 4 adjustable slide bearings provide superior carriage rigidity
- Quick change over from vacuum to anchor base

M4 AVAILABLE MOTORS

Motor	RPM
Weka DK12, 14 amp	970 / 2330 / 4400
Weka DK13, 14 amp	970 / 2330 / 4400
Weka DK16, 19 amp	900 / 1900 / 3900
Milwaukee 4097, 15 amp	500 / 1000
Milwaukee 4004, 20 amp	300 / 600
Milwaukee 4096, 20 amp	450 / 900
Milwaukee 4006, 20 amp	600 / 1200

Stands available:

Combination with vacuum
 Combination without vacuum
 Combination Swivel with vacuum
 Anchor



The motor, quick release allows you to take the motor out and use hand-held (Weka DK12 and DK13 only)

EXPERT CORE RIG LINEUP



M1
Combination
with CB733 Motor



M1
Anchor
with CB733 Motor

M1 Complete Rig

10" Standard Bit Capacity (14" with spacer)
14" Standard Bit Capacity (CB733 & CB744)

1 Selling Rig in the U.S.A.

- 2-1/2" square column (mast) with black oxidized finish
- 6" wheels for easy mobility
- Dual switch/outlet control panel with amp meter (except for CB733 and CB744 models with LED amp meter)
- Vacuum pump for quick mounting to flat surface without drilling an anchor hole (included with combination rig)
- 4 leveling screws on the base
- Slide handle allows for drilling in tight areas
- Combination base changes from vacuum to anchor base
- Ceiling jack helps keep the rig in place as a backup for anchoring or vacuuming the base down

M1 AVAILABLE MOTORS

Motor	RPM
Core Bore CB733, 20 amp	500 / 1000 / 1600
Core Bore CB744, 25 amp	285 / 530 / 975 / 1340
Milwaukee 4004, 20 amp	300 / 600
Milwaukee 4096, 20 amp	450 / 900
Milwaukee 4005, 20 amp	600 / 1200
Milwaukee 4097, 20 amp	500 / 1000
Weka DK22, 23 amp	550 / 1120 / 1680
Weka DK 22S, 23 amp	800 / 1640 / 2430

Stands available:

- Combination with vacuum & control panel
- Combination with vacuum, without control panel
- Combination without vacuum
- Combination angle
- Anchor
- Anchor without control panel



M1 Combination Angle Stand allows you to drill at variable angles.



M2
Anchor
with CB744 Motor

M2
Large Anchor Stand

M2 Heavy Duty Rig

10" Standard Bit Capacity (36" with spacers)
14" Standard Bit Capacity (CB733 & CB744)

1 Pro Rig in the U.S.A.

- Heavy duty rig for larger jobs and the professional driller
- Dual switch/outlet control panel with amp meter (except for CB733 and CB744 models with LED amp meter)
- 2-7/8" precision made, chrome plated square column (mast)
- Vacuum pump for quick mounting to flat surface without drilling an anchor hole (Included with combination rig)
- Combo base changes over from vacuum to anchor base
- 6" wheels for easy mobility
- 4 Leveling Screws on base
- Larger mast to withstand high torque and large diameter bits
- The 4-spoke handle allows the operator to easily apply feed pressure
- Optional roller carriage allows for more precise drilling
- Auto-feed option available (consult Master Catalog)



Combination Stand with Vacuum

Stands available:

- Combination with vacuum & control panel
- Combination with vacuum, without control panel
- Combination without vacuum
- Anchor
- Anchor without control panel

M2 AVAILABLE MOTORS

Motor	RPM
Core Bore CB733, 20 amp	500 / 1000 / 1600
Core Bore CB744, 25 amp	285 / 530 / 975 / 1340
Milwaukee 4004, 20 amp	300 / 600
Milwaukee 4096, 20 amp	450 / 900
Milwaukee 4005, 20 amp	600 / 1200
Milwaukee 4097, 20 amp	500 / 1000
Weka DK22, 23 amp	550 / 1120 / 1680
Weka DK 22S, 23 amp	800 / 1640 / 2430

PRO CORE RIG LINEUP



M5

M5 Q.D. Rig

12" Standard Bit Capacity (20" with spacer)
16" Standard Bit Capacity (CB733 & CB744)

- Quick release motor mount
- 4-spoke sliding handle (can be used on right or left)
- Positive carriage lock
- 2-1/2" x 3" extruded aluminum light weight column (mast)
- Allows for mounting hydraulic motors
- Angle stand to drill up to 45°
- Double column support for increased stability
- Easily adjustable slide bearings

M5PRO Heavy Duty Q.D. Rig

11" Standard Bit Capacity
16" Standard Bit Capacity (CB733, CB744)

- Quick disconnect motor mount that makes it easy to remove the motor
- 4-spoke handle (can be used on right or left) on combo rig
- Positive carriage lock and friction lock
- Extruded aluminum column (mast) that has a reinforced track and rollers
- Dual control panel/amp meter included with combination rigs
- 2 gear ratios for easy carriage feed
- Quick release vacuum button
- Angle stand to drill up to 45°

M5 AVAILABLE MOTORS

Motor	RPM	Motor	RPM
Core Bore CB733, 20 amp	500 / 1000 / 1600	Milwaukee 4005, 20 amp	600 / 1200
Core Bore CB744, 25 amp	285 / 530 / 975 / 1340	Milwaukee 4097, 20 amp	500 / 1000
Milwaukee 4004, 20 amp	300 / 600	Weka DK22, 23 amp	550 / 1120 / 1680
Milwaukee 4096, 20 amp	450 / 900	Weka DK 22S, 23 amp	800 / 1640 / 2430

M5PRO AVAILABLE MOTORS

Motor	RPM
Core Bore CB733, 20 amp	550 / 1000 / 1600
Core Bore CB744, 25 amp	385 / 530 / 975 / 1340
Weka DK22F, 110V	550 / 1120 / 1680
Weka DK32F, 110V	380 / 800 / 1200
Weka DK22F, 230V	550 / 1120 / 1680
Weka DK32F, 230V	380 / 800 / 1200



M5PRO

M6



The **M5** and **M5PRO** have a quick disconnect motor mount that makes it easy to remove the motor

M-5 and M5PRO Stands available:
 Combination with vacuum & control panel
 Combination with vacuum, without control panel
 Combination without vacuum
 Anchor with and without control panel

M6 Large Hydraulic Rig

18" Standard Bit Capacity (72" with spacers)

- Add-on 4"x6" steel tube spacers available for drilling up to 72" diameter holes.
- Heavy duty 15" x 12" roller carriage
- Massive 72" tall, 4" x 6" rectangular mast
- Sturdy cast aluminum base (steel base optional) with 6" wheel kit and leveling bolts
- 4-spoke handles
- The large size and heavy duty construction makes the M-6 a safer way to drill with large diameter core bits
- Sold as a stand only so you can create your own system for your applications
- 2:1 gear reduction makes lifting larger bits easy

M6 AVAILABLE MOTORS	
Motor	GPM
Danfoss (Cu. Inch: .77, 1.16, 1.55, 1.94)	8 / 12 / 20 / 24
Char-Lynn (Cu. Inch: 4.9, 6.2, 8.0, 9.6, 11.9, 14.9, 18.7, 24.0)	8 / 12 / 20 / 24
White (Cu. Inch: 32.0, 45.6)	8 / 12 / 20 / 24

M-6 Components Available:
 Hydraulic motors, pillow blocks and flow control valves, extra-sturdy steel base, different size columns (masts)

CORE RIGS



MADE IN THE U.S.A.

**CORE
BORE**

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