CORE RIGS

800-321-5336
diamondproducts.com
PORTABLE CORE RIG LINEUP

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

<table>
<thead>
<tr>
<th>Motor</th>
<th>RPM</th>
</tr>
</thead>
<tbody>
<tr>
<td>Weka DK12, 14 amp</td>
<td>970 / 2330 / 4400</td>
</tr>
<tr>
<td>Weka DK13, 14 amp</td>
<td>970 / 2330 / 4400</td>
</tr>
<tr>
<td>Milwaukee 4097, 15 amp</td>
<td>500 / 1000</td>
</tr>
<tr>
<td>Milwaukee 4004, 20 amp</td>
<td>300 / 600</td>
</tr>
<tr>
<td>Milwaukee 4096, 20 amp</td>
<td>450 / 900</td>
</tr>
<tr>
<td>Milwaukee 4006, 20 amp</td>
<td>600 / 1200</td>
</tr>
</tbody>
</table>

Stands available:
Combination with vacuum
Combination without vacuum
Anchor
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

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<th>Motor</th>
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<td>Weka DK12, 14 amp</td>
<td>970 / 2330 / 4400</td>
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<tr>
<td>Weka DK13, 14 amp</td>
<td>970 / 2330 / 4400</td>
</tr>
<tr>
<td>Weka DK16, 19 amp</td>
<td>900 / 1900 / 3900</td>
</tr>
<tr>
<td>Milwaukee 4097, 15 amp</td>
<td>500 /1000</td>
</tr>
<tr>
<td>Milwaukee 4004, 20 amp</td>
<td>300 / 600</td>
</tr>
<tr>
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<td>450 / 900</td>
</tr>
<tr>
<td>Milwaukee 4006, 20 amp</td>
<td>600 / 1200</td>
</tr>
</tbody>
</table>

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 Complete Rig**

**10” Standard Bit Capacity (14” with spacer)**

**14” Standard Bit Capacity (CB733 & CB744)**

- 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

#1 Selling Rig in the U.S.A.

**M1 AVAILABLE MOTORS**

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

**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 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)

Stands available:
- Combination with vacuum & control panel
- Combination with vacuum, without control panel
- Combination without vacuum
- Anchor
- Anchor without control panel

M2 AVAILABLE MOTORS

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<td>300 / 600</td>
</tr>
<tr>
<td>Milwaukee 4096, 20 amp</td>
<td>450 / 900</td>
</tr>
<tr>
<td>Milwaukee 4005, 20 amp</td>
<td>600 / 1200</td>
</tr>
<tr>
<td>Milwaukee 4097, 20 amp</td>
<td>500 / 1000</td>
</tr>
<tr>
<td>Weka DK22, 23 amp</td>
<td>550 / 1120 / 1680</td>
</tr>
<tr>
<td>Weka DK 22S, 23 amp</td>
<td>800 / 1640 / 2430</td>
</tr>
</tbody>
</table>
# 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 lightweight column (mast)
- Allows for mounting hydraulic motors
- Angle stand to drill up to 45°
- Double column support for increased stability
- Easily adjustable slide bearings

## M5 Available Motors

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<tr>
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<tr>
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<td>Milwaukee 4005, 20 amp</td>
<td>600 / 1200</td>
</tr>
<tr>
<td>Core Bore CB744, 25 amp</td>
<td>285 / 530 / 975 / 1340</td>
<td>Milwaukee 4097, 20 amp</td>
<td>500 / 1000</td>
</tr>
<tr>
<td>Milwaukee 4004, 20 amp</td>
<td>300 / 600</td>
<td>Weka DK22F, 23 amp</td>
<td>550 / 1120 / 1680</td>
</tr>
<tr>
<td>Milwaukee 4096, 20 amp</td>
<td>450 / 900</td>
<td>Weka DK 22S, 23 amp</td>
<td>800 / 1640 / 2430</td>
</tr>
</tbody>
</table>

# 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°

## M5PRO Available Motors

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<tr>
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<td>385 / 530 / 975 / 1340</td>
</tr>
<tr>
<td>Weka DK22F, 110V</td>
<td>550 / 1120 / 1680</td>
</tr>
<tr>
<td>Weka DK32F, 110V</td>
<td>380 / 800 / 1200</td>
</tr>
<tr>
<td>Weka DK22F, 230V</td>
<td>550 / 1120 / 1680</td>
</tr>
<tr>
<td>Weka DK32F, 230V</td>
<td>380 / 800 / 1200</td>
</tr>
</tbody>
</table>
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**

<table>
<thead>
<tr>
<th>Motor</th>
<th>GPM</th>
</tr>
</thead>
<tbody>
<tr>
<td>Danfoss (Cu. Inch: .77, 1.16, 1.55, 1.94)</td>
<td>8 / 12 / 20 / 24</td>
</tr>
<tr>
<td>Char-Lynn (Cu. Inch: 4.9, 6.2, 8.0, 9.6, 11.9, 14.9, 18.7, 24.0)</td>
<td>8 / 12 / 20 / 24</td>
</tr>
<tr>
<td>White (Cu. Inch: 32.0, 45.6)</td>
<td>8 / 12 / 20 / 24</td>
</tr>
</tbody>
</table>

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