CORDED HAND DRILLS

"TEST & EVALUATIONS"

Some models may have changed since we last wrote the report. Data is still valid as a guidance

Milwaukee

	0299-20	0302-20	5387-20	5380-21*
• Amperage:	**8.0 Amp**	**8.0 Amp**	**8.5 Amp**	**9.0 Amp**
• Weight:	5.4 lbs	5.8 lbs	6.4lbs	7.3Amp
• RPM:	**0-850**	**0-850**	**0-1,000**	**0-1,500**
• High RPM:			**0-2,000**	**0-3,500**

Note: 5380-21* will work for cars below 3,500lbs. All other should be good for ***all weight ranges*** - quiet gears. 8 ft long cords

Ridgid

	R5011	R7111HD
• Amperage:	**8.5 Amp**	**8.0 Amp**
• Weight:	6.0 lbs	5.0 lbs
• Low RPM:	**0-1,000**	**0-850**
• High RPM:	**0-3,000**	NA

Note: All have nice long 12 ft cord. Works well for ***all weight ranges*** – gears are nice and very quite – R5011 is my very favorite after the Bosch's. **3 YEAR** WARRANTY too

DeWalt

	DVD 210/15/16G	DWD520 (good performer)
• Amperage:	**10.0 Amp**	**10.0 Amp**
• Weight:	5.2lbs	6.0 lbs
• RPM:	**0-1,250**	**0-1,200/0-3,500**

Note: not tested but should work on ***all weight ranges***

Harbor Freight - Chicago Electric- ITEM 63114

- Amperage: **9.0 Amp**
- Weight: 7.8 lbs
- RPM: **0-1,000**

Bosch

	1031VSR	1033VSR	HD21-2	1199VSR
• Amperage:	**7.5 Amp**	**8.5 Amp**	**8.5 Amp**	**8.5 Amp**
• Weight:	4.7 lbs.	5.3 lbs	6.3 lbs	6.0 lbs
• Low RPM:	**0-1,100**	**0-850**	**0-900**	**0-1,100**
• High RPM:	NA	NA	**0-3,000**	**0-3,000**

Note: Both have extra long 12 ft long cords. Works well for ***all weight ranges*** – gears nice and quiet

Hitachi DV20VB2

- Amperage: **8.3 Amp**
- Weight: 4.9 LBS
- Low RPM: **0-1,000**
- High RPM: **0-3,000 RPM**

Note: not tested but should work on ***all weight ranges***

Black & Decker

DR550

- Amps: **7.0 Amps**
- Weight: NA
- RPM: **0-800**

Note: not tested but should work on ***all weight ranges***

Craftsman - 27161

- Amps: **7.5 Amps**
- Weight: NA
- RPM: **0-850**

Note: not tested but should work on ***all weight ranges***

Kobalt - K09D-06A

- Amps: **9.0 Amps**
- Weight: 6.0 lbs
- RPM: **0-850**

Note: not tested but should work on ***all weight ranges*** - strong but slow

GENERAL NOTE:

I PERSONALLY PREFER THE DUAL SPEED DRILL MOTORS. They give me more flexibility and better use of the drill. Lower speed is good for lifting and the higher speed is good for other applications such as drilling, sanding, buffing etc. I hope this helps.
Some of the models may no longer be on the market but the data is of them is a good guidance. If you are not sure what model and make to choose, just call us and we will be glad to help you out.

BASIC GUIDE LINE: at least 7.0+ Amp - max TOP SPEED for single speed units - 1,100 RPM (LOW for dual speed drills)

Drills work just like your car does - you need low gear to drive uphill (high torque for the first 10 to 12 inch of lifting) and high gear, for the rest

CORDLESS HAND DRILLS

"TEST & EVALUATIONS"

Some models may have changed since we last wrote the report. Data is still valid as a guidance

DeWalt

DCD970KL**

- Voltage: **18V** Li-Ion battery
- Max Power: **450 UWO**?
- Chuck: **1/2"** - keyless
- Weight: **5.5** lbs
- Speed: **3**
- RPM: **0-500/0-1,250/0-2,100**

Kobalt

K18PD-26A - discontinued

- Voltage: **18V** Li-Ion battery
- Weight: **7.2** lbs
- Speed: **2**
- RPM: **0-400/0-1,650**

Note: tested by customer on a 3,600 lbs car. Took two batteries to lift to 18 inches height; used the lowest speed to preserve battery power

Milwaukee

2603-22XC M18 Fuel

- Voltage: **18V** - XC4.0AH RedLithium battery
- Weight: **4.9** lbs
- Speed: **2**
- RPM: **0-550/0-1,850**
- Warranty Drill - **5** Years / Battery - **3** Years

Customer used it on a 3,000lbs car. Was able to raise and lower to a full height (26") - used ONLY 75% of the batteries capacity. **Looks like a good drill for the track**