# **CORDLESS DRILLS**

Drills with enough speed and power for most jobs start as low as \$100, and many come with smart chargers that work quickly, getting you back to work in a half hour or less.



# Shopping tip

Drill batteries cost up to \$80, but you can cut costs by using them in other tools from the same manufacturer.



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#### What to look for

- Drills with two batteries for use in tandem
- Chargers that recharge in an hour or less
- Multiple speeds
- A meter that indicates the remaining charge

# What to skip

• Buying strictly by voltage; some 14.4- and 15.6-volt models had more oomph and staying power in our tests than some with 18 volts or more • The maximum power and run time of a drill powered by lithium-ion or nickel-metalhydride batteries if you're simply hanging pictures; consider a less-expensive, nickel-cadmium-powered drill for lighter-duty chores

## What you'll pay

Models with 15.6 to 18 volts typically offer the best balance of power and light weight, and cost \$180 on average.

For more buying advice, go to ConsumerReports.org/drills

Recommended models only From 81 tested.

		Brand & model	Price	0 100 P. j. F. j. G. j. VG j. E.	Tes	Test results								Features		
Recommended	Rank				Speed	Power	Run time	Charge time	Handling	Noise at ear	Weight (lb.)	Volts	Battery type	Battery recharge time (min.)	Speed ranges	
4	A	CORDLESS IMPA	CT DRI	VER			W.S								0	
7	1	Ryobi P236	\$70	78	0			0	0		4.3	18	Li-ion	60	1	
4	2	Hitachi WH18DSAL	160	74	0		0			•	3.2	18	Li-ion	40	1	
7	3	DeWalt DCF885C2	220	74	0		0			•	2.9	20	Li-ion	30	1	
	B	CORDLESS SCRE	WDRIV	ER												
2	1	Milwaukee 2401-22	100	66		•	•			0	2.1	12	Li-ion	30	1	
	C	GENERAL USE D	RILL/D	RIVER		(11)				W.L			Myfrai	44.57		
	1	Hitachi DS18DSAL	170	78			0			0	3.4	18	Li-ion	40	2	
2	2	Makita LXFD01CW	200	77			0		0	0	3.3	18	Li-ion	15	2	
ИΝ	3	Ridgid R86008K	180	77		0	0			0	4	18	Li-ion	25	2	

CR Best Buy These models offer the best combination of performance and price. All are recommended.

Recommended These are high-performing models that stand out.

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		Brand & model	Price	Overall score  0 100 P   F   G   VG   E	Te	Test results								Features		
Recommended	Rank				Speed	Power	Run time	Charge time	Handling	Noise at ear	Weight (lb.)	Volts	Battery type	Battery recharge time (min.)	Speed ranges	
	C	GENERAL USE D	RILL/D	RIVER continued				474				199				
V	4	DeWalt DCD780C2	\$220	75			0		0	0	3.5	20	Li-ion	30	2	
V	5	Panasonic EY6432GOKW	200	75		0		0	0	0	4.9	15.6	NiMH	55	2	
V	6	DeWalt DCD760KL	220	74		0	0		0	0	3.9	18	Li-ion	30	2	
~	7	Ridgld R9600	180	72			•		0	•	4	18	Li-ion	40	2	
~	8	Craftsman 17310	100	72	0	0	0		0	0	3.8	19.2	Li-ion	30	2	
V	9	Bosch DDS181-02	200	71		0	0		0	•	3.4	18	Li-ion	30	2	
V	10	Kobalt KT200A	160	71			•		0	0	3.9	18	Li-ion	20	2	
	D	LIGHT USE DRILL	L/DRIV	ER	1								Proj.			
~	1	Hitachi DS14DSFL	140	70		0	0		0	0	3.3	14.4	Li-ion	40	2	
~	2	Black & Decker LDX220SBFC	90	66	0	0	•			0	3.1	20	Li-ion	35	2	
V	3	DeWalt DCD710S2	160	66	0	0	•			0	2.5	12	Li-ion	30	2	
V	4	Milwaukee 2410-22	160	63	0	0	•		0	0	2.6	12	Lî-ion	30	2	
V	5	Ridgid R92009	140	58	0	0	•		0	0	2.6	12	Li-ion	30	2	
V	6	PCL120DDC	90	56	0	0	•			0	2.3	12	Li-ion	30	2	
V	7	DeWalt DC742KA	140	55	0	0	•	0	0	0	3.8	12	NiCd	60	2	
V	8	Skil 2895-01	100	55	0	0	•	0	0	0	4.7	18	NiCd	60	2	
	E	TOUGHER JOB D	RILL/D	RIVER			VE					10	118			
V	1	Makita BHP454	280	84					0	0	5	18	Li-ion	30	2	
マ	2	Milwaukee 2603-22	280	83				0	0	•	5	18	Li-ion	30	2	
7	3	DeWalt DCD 940KX	280	81				0	0	0	6.1	18	NiCd	60	2	
200	90												37	350000	95	

### Guide to the Ratings

Overall score is based on speed, power, run and charge times, handling, and noise. The displayed score is out of a total of 100 points. Speed is for drilling holes and driving screws. Power is twisting force. Run time is work per battery charge. Charge time is for a fully discharged battery. Handling is based on the drill's weight, balance, and effort to position head. Noise at ear denotes sound pressure, measured in decibels. Weight (Ib.) includes the drill and battery pack. Volts is as specified for the battery pack. Under battery type, Li-ion is Lithium-ion, NiMH is nickel-metal-hydride, and NiCd is nickel cadmium. Price is approximate retail.