CUTTING TILE WITHOUT WATER

CUT PORCELAIN. CUT DRY.

Understand the value of dry cutting. Learn the porcelain cutting method. Find the iQ tile saw and diamond blade for your next job.



01

LEARN THE VALUE

Water setup, slurry and handling.

02

MAKE THE CUT

A simple porcelain workflow.

03

CHOOSE YOUR SYSTEM

Blades and three tile saws.

LESS WATER HANDLING. MORE TIME FOR TILE.

Wet saws use water to cool the blade and help suppress dust. An iQ dry-cut system pairs an approved diamond blade with built-in dust collection, removing water handling and slurry from the cutting process.

ON THE JOB	TRADITIONAL WET CUTTING	iQ DRY CUTTING
Setup	Fill the reservoir and prepare the pump or water supply.	Set up the saw, guards, blade and integrated dust system.
Tile handling	Manage wet pieces and wipe or dry them as needed.	Handle dry cut pieces without cutting water on the surface.
Cleanup	Drain the saw and manage slurry and wet residue.	Empty collected dust and maintain the filter as directed.
Saw location	Choose a suitable place to contain water and splash.	Can shorten trips to the cut station when site controls allow.
Dust control	Water delivery must function correctly throughout the cut.	Extraction, guards and filtration must function throughout the cut.

PUT A VALUE ON YOUR WORKFLOW

Track minutes spent on water setup, slurry cleanup and trips to the saw. Use your own job data to estimate the labor value of the time you save.

MINUTES SAVED / DAY

_____ / 60 x labor $/hour _____ = $ _____ per day

Use the equipment the material requires. Wet cutting remains useful for materials and finishes that call for it. Follow the tile, blade and saw manufacturers' instructions.

Dry means dust-controlled cutting. Never run a wet-only saw or wet-only blade dry.

HARD TILE. A SIMPLE METHOD.

A diamond blade grinds through porcelain with abrasive particles at the rim. The right blade, good support and a steady feed help you achieve a clean edge.

01 **Match the blade.**

Choose an approved dry blade for porcelain and your saw. Verify size, arbor and speed rating. Unplug before changing or inspecting the blade.

02 **Set up the system.**

Use a stable, dry work area. Check guards, extraction, filter and dust tray. Follow the setup and power requirements in the saw manual.

03 **Mark and support.**

Set the guide for the cut. Keep the tile flat and support the material and offcut without binding the blade or blocking the guards.

04 **Test on scrap.**

Follow the new blade's break-in instructions. Make a sample cut and check the edge before cutting the finished piece.

05 **Feed with control.**

Confirm extraction is running and let the blade reach operating speed. Use steady, light feed pressure and keep hands clear. Let the blade stop before removing scraps.



FEED. DON'T FORCE.

Let the diamond rim do the work. Too much pressure can increase vibration and reduce cut quality.

CHIPPING?

Slow the feed. Check support, alignment and blade choice.

CUTTING SLOWLY?

Inspect the rim. Dress a glazed blade as the manual directs.

VISIBLE DUST?

Stop and inspect the guards, dust tray, filter and extraction.

THE RIGHT BLADE MAKES THE CUT.

Q-Drive dry blades work with the saw's airflow to help manage heat. Match the blade size and bond to your material and finish, then test on scrap.

COMPACT TILE WORK



7" Q-DRIVE COMBO

Ceramic, porcelain and mixed tile jobs.

FITS iQ228CYCLONE

EVERYDAY VERSATILITY

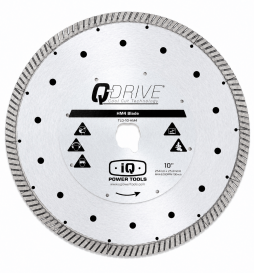


10" PLATINUM COMBO

A general starting point for ceramic, porcelain and natural stone.

FITS iQTS244 / iQ252

DENSE PORCELAIN



10" HARD MATERIAL HM4

Choose this bond for especially hard porcelain and dense stone.

FITS iQTS244 / iQ252

FINISH QUALITY



10" FINISHING TOUCH

For precision work and smoother exposed edges on porcelain and ceramic.

FITS iQTS244 / iQ252

MORE MATERIAL-SPECIFIC OPTIONS

10" Turbo Cutter: faster cutting through hard material and porcelain; test the finish.

10" Marble: a dedicated choice for marble and soft natural stone.

Blade guide and current options: iqpowertools.com/blades

7" DRY CUT TABLETOP TILE SAW

iQ228CYCLONE

Compact and easy to move between jobs. Bring a dedicated dry tile cutting system to everyday installations where portability matters.



7"
Q-Drive blade

36 lb
saw weight

18"
rip with rolling table

Over 24" rip without the rolling table. Follow the manual for material support.

WHERE IT FITS

Backsplashes, bathrooms, smaller tile work and punch-list cuts. The tabletop design keeps the cutting station compact.

PAIR IT WITH

Start with the 7" Q-Drive Combo for mixed tile work. For hard tile or stone, ask iQ to confirm the right 7" material-specific bond.

Explore the iQ228CYCLONE: iqpowertools.com/iq228

10" DRY CUT TILE SAW

iQTS244

A practical daily tile saw for ceramic, porcelain and stone. Its sliding table and integrated dust system put dry cutting into a familiar workflow.



24"
rip capacity

18"
diagonal capacity

10"
Q-Drive blade

93 lb saw weight. Match the blade to the material being cut.

A FAMILIAR MOTION

For typical straight cuts, the head stays in its normal cutting position while the table and tile travel past the blade. Keep the dust slots clear.

PAIR IT WITH

10" Platinum Combo for everyday tile. Step up to Hard Material HM4 for dense porcelain or choose Finishing Touch when the exposed edge is the priority.

Explore the iQTS244: iqpowertools.com/iqts244

10" DRY CUT RAIL SAW

iQ252

Long porcelain planks and large-format tile need more cutting length. The iQ252 brings rail-guided cutting and built-in dust collection to the job.



52"
rip capacity

36"
diagonal capacity

10"
Q-Drive blade

Check tile thickness, dimensions and cut type against the current saw specifications.

MADE FOR LONG CUTS

A cutting head travels along the rail across supported material. Set up stable support for long tile and keep the rail and dust slots clear.

PAIR IT WITH

Choose the 10" blade bond for the tile. Hard Material HM4 suits very dense porcelain; Finishing Touch is an option when visible edge quality matters most.

Explore the iQ252: iqpowertools.com/iq252

YOUR NEXT CUT STARTS HERE.

Choose the cutting capacity you need, then select the blade for the tile. Your iQ dealer can help confirm the saw, bond and accessories for your job.

YOUR JOB	YOUR SAW	STARTING BLADE
Compact tile work	**iQ228CYCLONE**	7" Q-Drive Combo
Daily tile / 24" rip	**iQTS244**	10" Platinum Combo
Long tile / 52" rip	**iQ252**	10" Combo or HM4*

*For especially dense porcelain, consider the 10" Hard Material HM4. Test the material and edge finish first.

BEFORE THE FIRST CUT

- ☐ Correct dry blade, stable support and all guards in place.
- ☐ Eye and hearing protection; hands clear of the cutting path.
- ☐ Extraction working, filter serviced and dust tray latched.
- ☐ Read the saw manual and follow the site's dust control plan.

Dust control still matters. Cutting tile can create respirable crystalline silica. Use the saw as directed and follow the employer's exposure control plan, including any required respiratory protection. Dust collection does not eliminate exposure or establish automatic OSHA compliance.

FIND A DEALER >

BOOK A DEMO >

888.274.7744

iqpowertools.com

KEEP LEARNING

Blade finder >

Operator manuals >

Video library >

SCAN FOR BLADES

Sources: iQ product pages (pp. 5-7), Q-Drive blade guide and operator manuals; OSHA silica guidance. Reviewed November 2026. Specifications and accessories may change. Capacity varies by tile and cut type.