



POWER CURBER PROFILES

News and information to make you more competitive

World Trade Recognition: Manufacturer Of Year 2004

Power Curbers, Inc. has been named 2004 Manufacturer of the Year (Small/Midsize Business) by World Trade magazine, published by BNP Media. The magazine's subscriber base is U.S. executives shipping and sourcing worldwide. Procter & Gamble won in the large manufacturer category. The following is the magazine story about the honor:

Family-owned Power Curbers, Inc. may be a small operation when compared to large multinationals, but you wouldn't know it from their prominence in the global marketplace.

The company manufactures machinery for slipforming concrete curb-and-gutter, highway safety barriers, and irrigation ditches, among others. "Power Curbers began entering markets outside the country 45 years ago," says Linda Bailey, Marketing Director. In 1983, Richard Messinger, father of the current CEO Dyke Messinger, received the U.S. Department of Commerce's E Award for Excellence in Exports from President Ronald Reagan.

"Today, with the recent acquisition of Anvil American, a supplier of stringline and stakes for paving machinery, and the establishment of Power Pavers, Inc., of Cedar Falls, IA, a company that manufactures pavers, Power Curbers is positioned to increase sales of these products internationally," says Bailey. Power Curbers sells its products in 80 countries through a dealer network.

"Logistically, Power Curbers is creative. We don't have any one company that handles these requirements for us. Instead, we shop services, constantly balancing who will bring us the best service at the lowest cost. We make these decisions in-house," says Bailey. As for their supply chain strategy: "Our

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Extruded Curb job site: 'Machine runs smoothly'

Photo by Phil Myers, Power Curbers Service Manager for Georgia and Tennessee

SUPER-B Talk Customers Turn Power into Productivity

Jeremy Kersey, Curbco, Bradenton, FL: "The machine has much more power pouring sidewalk. We put a 2-foot (3.8 to 5 cm) trimmer extension to pour 5-foot walk. It didn't bog down when trimming 1 1/2 to 2 inches thick. It wasn't taking rpm's away from the machine.

"With sidewalk, putting that much strain on the machine, my hydraulic temperature stayed lower and the engine temperature stayed cooler. With the other machine, I'd have to back off on speed, putting that much strain on the machine. With the SUPER-B, I get more feet per minute. I save 5 minutes a truck, depending on grade.

"It's a better design on the auger, eliminating the chain and sprocket. You don't ever have to adjust the chain. That's eliminating a problem. It's more maintenance free.

"There's plenty of room to work on the engine with the relocation of the filters.

"The machine runs a lot quieter and a lot cooler."

Robby Walker, Atlantic Asphalt, West Palm Beach, FL: "The new machine has been great. More horsepower. A little stronger than the other one. The Quick Connect is a tremendous help. There's a lot more visibility."

Joe Mullen, Sahara Concrete, Las Vegas: "It pours straight curb. You can back it up on line. It's easier than just eyeing it. It's easier and cleaner to fuel."

Wayne Britt, Southern Curb, Winder, GA: "It's doing real good. We've got about 100 hours on it now and don't have any complaints. The other one will bog down some of the time, and you have to stop, take it off line and get the grade right. I'm 100% satisfied."

Fred Anderson, Operations Manager, Sanders Brothers, North Charleston, SC: "It's a big difference as far as power, both trimming and pouring. It seems like it's a lot more

stable on line. Visibility, overall, is good, as far as seeing the chute man and curb. I can touch the switches all day without gloves, and it doesn't seem I am getting as many fumes. The large water tank for wash-down is a big plus.

"The three sensors are another big plus. (With the Network Controller), if the front sensor comes off line, this one only goes up a quarter inch and stops, so you can figure out what is wrong and catch it in time and get it back on line before you mess up the curb.

"The operator has run a competitive machine, and he's a lot happier with the Power Curber. He says it is user friendly, and it's easier to change the molds."

Eric Reynolds, Concrete Department Manager, Brubacher, Bowmansville, PA: "We're really pleased with the tight radius it pulls. It's a big improvement over our last machine (the competition).

It helps keep a more consistent line on the curb. It's easy to get to the engine department for maintenance. The auxiliary water tank is easy to get to."



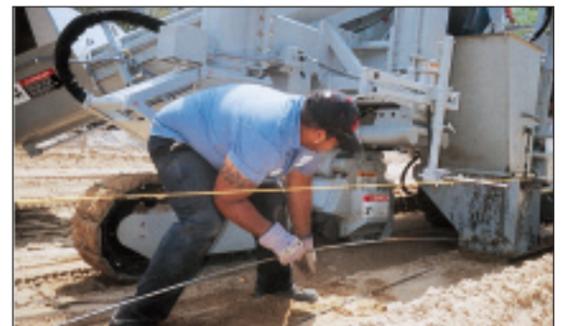
GAC of Panama City, FL, likes machine flexibility

'The front crawler steer is a definite improvement over the competition.'

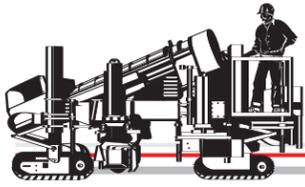
Eric Reynolds, Brubacher, Bowmansville, PA

'There's more power on the trimmer. If you get a bad grade with dirt a little too high, it will go on through hard, red clay.'

Wayne Britt, Southern Curb, Winder, GA



GAC job site in Florida: Feeding rebar into the mold



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The Australian Way

Polystyrene Pushed Through Mold to Hold Shape of Lip

Nation Wide Kerbing Pty Ltd. in Bradbury, Australia, continues to look for innovative ways to use its Power Curber 5700-B.

Recently, the company slipformed an over-hung lip profile where the head of the curb hangs over a void in the concrete to form the lip. It replaces Jersey barrier wall on a project for the Roads and Traffic Authority (RTA) of the state of New South Wales.

RTA designed the profile, which had never been slipformed. It replaces barrier, where vision from one side of the road to the other is needed, according to Warren Scattergood of Nation Wide

Kerbing. This profile can carry the water away from the road and also deflect cars, the same as a barrier, according to Warren.

The customer, Abigroup, liked the idea of slipforming the profile, since it was faster and very cost effective, according to Warren. He estimated a savings of 50 to 60 percent. Pre-cast lengths with the same over-hung lip are 8 feet (2.5m) long and require a lot of time and labor, as well as a crane for installation, Warren said.

In the slipform application, polystyrene is pushed through the mold to hold the shape of the over-hung lip as the concrete is poured. Joints are cut while the polystyrene is in place. Then, the polystyrene is removed after the concrete dries, generally within an hour's time. The void that remains in the profile allows for water run-off.

The concrete is poured at about .78 to .98 inch slump (20 to 25 mm)

and has poly fiber in it to help keep the lip intact while wet and also to give extra strength for traffic impact.

RTA is impressed with the slipform work, according to Warren, who expects the design to be used in future road jobs.

Aran International Pty. Ltd. Of Queensland is Power Curbers' dealer in Australia. The company can be reached at 61.7.3206.3782.



The profile replaced barrier on this highway in Sydney



Polystyrene is pushed through the mold to hold the shape of the over-hung lip



Once the concrete is cured, the polystyrene will be removed, creating the lip for water run-off

Photos courtesy of Nation Wide Kerbing

Tennessee Contractor Watched Curb Machine Technology Evolve for 30 Years, and Now He Has the SUPER-B: 'It's a Horse on that Trimmer!'

Jerry Brewer has had a ring-side seat watching the emergence of curb machine technology for the past 30 years.

That's how long Brewer & Associates of Dyersburg, TN, has owned Power Curber slipform machinery, and Jerry has run them all – the 6600, the 5500, the 5700-B, and now, the 5700-SUPER-B.

"Going back to the beginning, we didn't have a trimmer and the grade had to be within a quarter inch," he says. That would be a nightmare on today's job.

Today, the SUPER-B does the work with ease, Jerry says. "The 50 percent increase in horsepower is great for trimming," he says. "If somebody has messed up the grade 2 to 3 inches (5 to 7.6 cm), the SUPER-B will push it right on through with no bogging down. And you never have to stop the auger. It's a horse on that trimmer!"

The Slope Compensation feature on the Network Controller on his new machine is helping produce a better product in areas where the machine has to compensate for water run-off. "You just program in what you want the machine to do," Jerry says.

The machine automatically adjusts grade elevation and steering alignment to keep curb height and distance true to the stringline.

Typically, the top-of-curb elevation can change 1 to 2 inches (2.5 to 5 cm), and back-of-curb alignment can change ¼ to ½ inch (.6 to 1.2 cm), when transitioning from dry (spill) to wet (catch) curb, and vice versa.

Without the Slope Compensation, the operator had to compensate for these changes by adjusting both the grade and steering jacks during the transition, or by calculating this amount of change in elevation and alignment, and incorporating this amount into the set-up of the stringline.

"It's been interesting watching curb machines evolve into the



Long-time Brewer employees Roger Davis, left, Ray "Shorty" Davis, and Tommy Davis with Jerry Brewer, second from right

"In areas where the machine has to compensate for water run-off, you just program in what you want the machine to do."

Jerry Brewer, Brewer & Associates

SUPER-B," Jerry says. "Power Curbers has always been quick to recognize faults and good points and make changes."

Brewer & Associates is a general contractor and also works in building construction and paving.

Jerry says he has a good relationship with his Power



Curber dealer, regional sales/service manager Sam Howard. "Sam talks our language," he says. "We call him, and he's right on top of it."

Sam Howard is Power Curbers' Regional Sales Manager in western Tennessee, Arkansas, and Oklahoma. He can be reached at 501-351-1801.

World Trade Magazine Names Power Curbers Manufacturer of Year

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manufacturing leaders, Richard Harris and Craig Neuhardt, partner with key vendors who have moved out of the traditional role of supplying parts.

These vendors are part of our assembly process, allowing Power Curbers short lead times, as well as inventory and quality control," adds Bailey.

The company has received recognition from Jeff Noah of the National Association of Manufacturers, (NAM) who oversees the organization's Small and Medium Manufacturers. According to Noah, Power Curbers is extremely responsive to its customers' requests. It's

not unusual for a Power Curbers' service technician to jump on a plane and travel to a customer's job site to fix a problem if necessary, he notes. In the U.S., 95 percent of the curbs are made by machine, compared to 5 percent outside of the U.S. This represents a significant potential for gaining marketshare, says Noah.

One of Power Curbers most notable projects involved work on the Eurotunnel. The company designed three specialized slipform pavers for construction of the rail bed and sidewalks inside the tunnel, which connects England and mainland Europe by high-speed train. Power Curbers' machines laid down the rail bed and left and right sidewalks from the French shore midway through the tunnels. The rail bed paver paved a total of 31 miles in the two tunnels and the sidewalk paver constructed 62 miles of sidewalks on both sides of the two tunnels.

While the actual construction of the Eurotunnel was impressive enough, what stood out for Power Curbers was that the company was able to complete the work two months ahead of the customer's schedule.



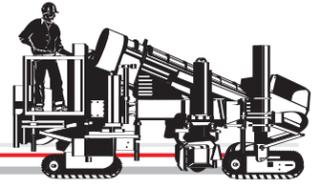
See Us At

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 Las Vegas, NV
 March 15-19, 2005
 Booth S-8637

See Us At

WORLD OF CONCRETE

Las Vegas Convention Center
 January 18 - 21, 2005 - Booth 4823



Polish Visitors Learn About Slipform Technology

Eighteen officers of 13 construction companies from Poland visited Power Curbers' factory in North Carolina on the eve of Poland joining the European Union. They were accompanied by Power Curber dealers in Poland, Michal Heller, Benedykt Sikora, and Marek Atlas of Asbud in Katowice. The group was on an East Coast tour. While at the factory and at job sites, they learned about slipform technology in anticipation of infrastructure opportunities created by the European Union. In the photo, Stephen Bullock, far right, Vice-President of Sales and Marketing for Power Curbers, conducts a tour of how a 5700-SUPER-B is assembled. Bill Miller, far left, of Power Curbers' Assembly Team, is installing hydraulic valves on a new machine frame. Poland was one of 10 countries to join the EU on May 1, bringing total membership to 25 countries. The EU represents a single market in which goods, services, people and capital move freely, as within one country, with a single currency and a European Central Bank.

Reaching for Records

• High-Speed Sidewalk in Florida

Professional Concrete is a high-production slipform contractor in Sarasota, FL, who thinks nothing of pouring 4,500 feet of curb and gutter (1,373 m) in a single pour with its Power Curber 5700-B. It's all in a day's work.



Tom Krivinchuk

But when the crew of partners Tom Krivinchuk and David Oriente poured 5,920 feet (1,806 m) of 5-foot (1.5 m) sidewalk in a day recently, Tom had to brag.

"Everything was going pretty

good," Tom said of the pour in the Heritage Harbor development in Bradenton, FL.

Tom and David went into business in 1997 with their first 5700-B and are now on their second machine. "We use it a lot," Tom says. "We run it pretty quick."

Tom likes the versatility of the machine and the fact that it gets close in to tie-ins, saving time.

And now that he's poured all that sidewalk in a day, he figures he can break that record. Soon.

• 9,000 Feet, or More, of Curb

✓ Crowder Construction of Charlotte, NC, reports a recent curb pour of 9,000 feet (2,745m) of 24-inch (61cm) valley curb in 11 1/2 hours.

✓ Eberle Enterprises of Louisville, KY, reports 9,200 feet (2,806m) of mountable curb in 10 hours with its new 5700-SUPER-B.



30-inch curb (765 mm) with 10-inch (252 mm) gutter is being poured adjacent to 60 miles (96 kms) of new road in Ranchi

Photo by Wayne Irby, Power Curbers' Field Service Technician

On the Job in India

'The Machine Will Never be Idle'

Larsen and Toubro of Mumbai, India, is using a new Power Curber 5700-SUPER-B to slipform 60 miles (96 kms) of curb and gutter on a road project near Ranchi.

The 30-inch tall (765 mm) curb, with a small 10-inch (252 mm) gutter, is being poured adjacent to the concrete road, after the new road is installed.

Larsen & Toubro report that the 5700-SUPER-B is meeting expectations on this project, and once it is finished, the machine will be shipped to another of the 10 to 12 road projects the company has under way.

"Surely the machine will never be idle," says Davinder Singh of Larsen and Toubro.

Allen Buildwell of Mumbai is Power Curbers' dealer in India. Contact Ashok A Rao at 91.22.255.69044 or e-mail abpl@bom5.vsnl.net.in

Preventive Maintenance, Training Reduce Costs for New Orleans Company

Barriere Construction of New Orleans, LA, owner of Power Curber slipform and extruder curb machines, this year won the first Fleet Master Award, given by the Association of Equipment Management Professionals (AEMP).

Ben Tucker and his equipment management team at Barriere were recognized for having the nation's top private-sector fleet. Freddie Lyles is concrete superintendent in charge of the curb crews.

Freddie, who is Barriere's expert with curb machinery, says that the Power Curber 5700-B does everything he needs. "Our company is mainly an asphalt company, and our work always has curb," Freddie says. "It's cheaper for us to do the curb ourselves."

Barriere is a heavy-and-highway contractor operating within a 100-mile radius of New Orleans. Barriere uses the 5700-B slipform paver for curb and gutter and sidewalk work and extruders for asphalt or concrete curb. In addition to asphalt paving, the company does concrete paving and underground utility work.

Barriere has operated a \$13 million fleet of 131 off-road units, 45 on-road vehicles and numerous Class-2 to Class-8 vehicles, according to *Construction Equipment* magazine. The magazine works with AEMP in its Partnership for Growth program. The Fleet Master Award is part of that program, created to raise industry awareness of the resources AEMP offers to improve professionalism in the equipment-management industry.

Barriere has surpassed its goal of 80% uptime with its fleet, reaching the 90% level and saving the company millions of dollars, according to *Construction Equipment*.

The company employed a consultant, the Marshall Institute, to help the company change its culture.

"They assessed where we were and what we needed to do," Ben said in the magazine article. "We're not in a reactive mode anymore. Now, we're in a preventive, proactive mode."

Following the Marshall Institute's recommendations, Barriere retrained most of its employees and divested itself of underused equipment.

The key to making the improvements was the amount of time dedicated to making changes in training and maintenance," according to *Construction Equipment*.

Smith Materials & Equipment (SMECO) is Power Curbers' dealer in Louisiana. SMECO, located in Kenner, can be reached at 504-467-7711.



Ben Tucker, left, receives award from Nick Matick, Vice-President and General Manager of International Truck and Engine Corp. Service Vehicle Center



Barriere, with 90% uptime with its machinery, wins Fleet Master Award from Association of Equipment Management Professionals

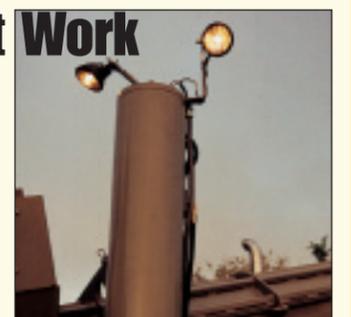
"Our company is mainly an asphalt company, and our work always has curb. It's cheaper for us to do the curb ourselves."

Freddie Lyles, Concrete Superintendent
 Barriere Construction,
 New Orleans, LA



Light Kit for Night Work

With lights mounted to the front and rear posts of the 5700-B, the machine operator and chute man both have well-lit views of the work in progress. The Light Kit is available as an option on new machines, Part #A572689.



A Word from Our Paving Company ...



Photo by Kevin Bley, Power Pavers' Service/Hydraulics Technician

The PS-2700 has the productivity of a larger machine and moves in a single load, says Terry Kirsch of Hawkins Construction, Omaha, NE

Placer Spreader a Key Tool in Nebraska Interstate Widening

A PS-2700 by Power Pavers, Inc. will place and spread the majority of the 270,000 cubic yards (206,280 m³) of concrete needed for the first of a series of projects involving the widening of Interstate 80 between Omaha and Lincoln, NE.

Hawkins Construction of Omaha, the paving contractor for the two-year project, purchased the placer spreader because of its reputation for productivity and mobility, according to Terry Kirsch, equipment superintendent.

"It has the productivity of a larger machine, and it moves in a single load," says Terry. "With our operation, we have to move a lot. You can move it virtually within 60 minutes

and have it on the lowboy and ready to transport."

The PS-2700 has self-loading legs that lift 42 inches (106.6 cm), allowing you to back a lowboy beneath the machine for easy loading. Disassembly is not needed for transporting the machine, eliminating the need for a crane for set up. The conveyor belt is mounted beneath the machine.

With two concrete batch plants on site, Hawkins has a goal of moving 600 yards (548 m) of concrete per hour through the placer spreader.

The \$40 million Nebraska Department of Roads project adds a third lane in both directions to Interstate 80, according to Tom Crock-

ett, project manager for Hawkins. Hawkins is very satisfied with the placer spreader, having owned the product previously when it was manufactured by CMI, Tom says. The product was originally introduced by CurbMaster, Inc., and acquired by CMI. The placer spreader is now part of the Power Pavers product line.

Terry says that the Power Pavers factory is very supportive. "They take care of things in very good fashion," he says.

Please contact Stephen Bullock, Vice President of Sales and Marketing, Power Curbers, for information about Power Pavers' products. Stephen can be reached at 704-647-6157.

Please pass Profiles to your Curb Crew

Power Curbers, Inc.

Our Commitment Shows
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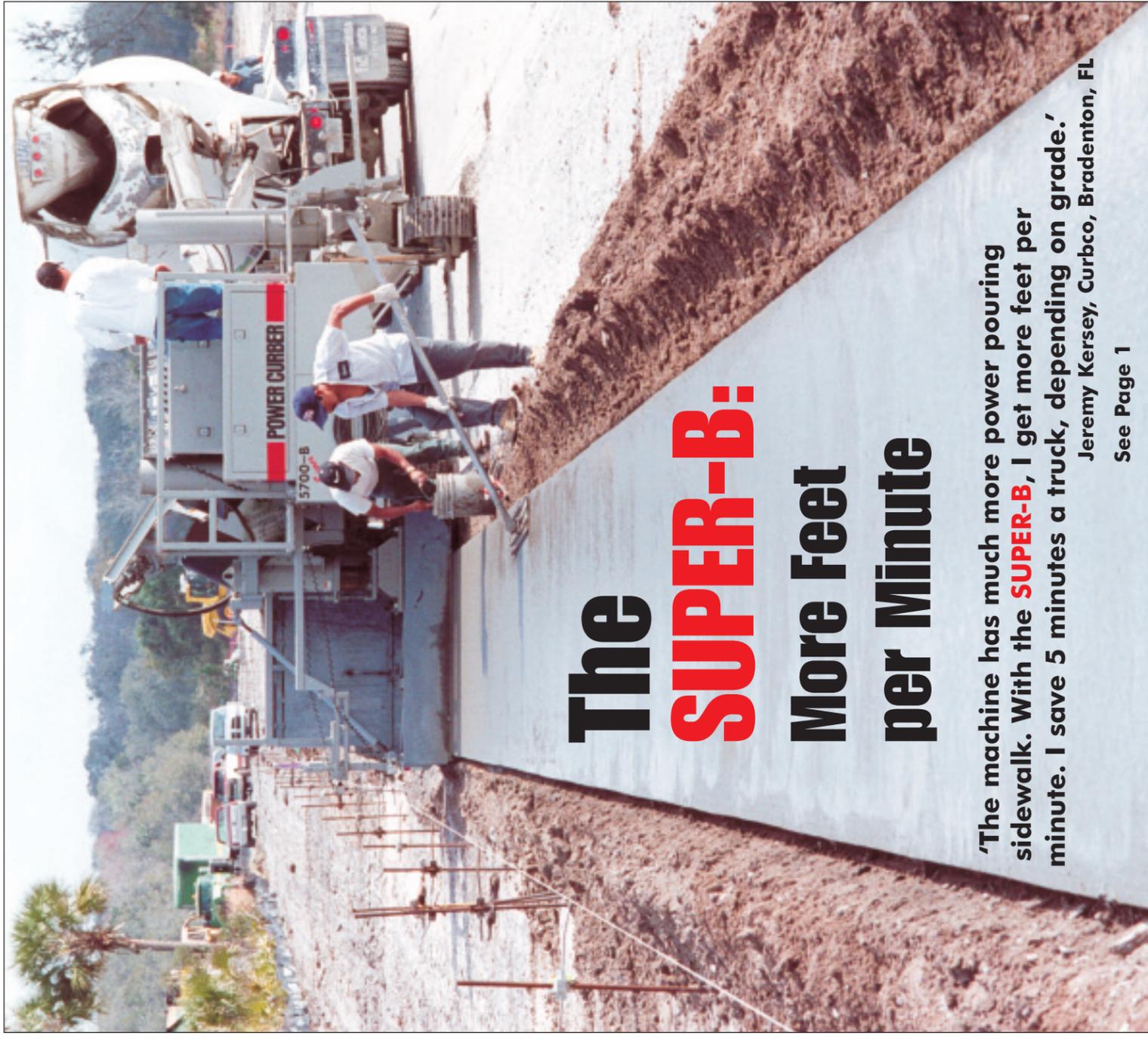
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Summer 2004

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The SUPER-B: More Feet per Minute

'The machine has much more power pouring sidewalk. With the **SUPER-B**, I get more feet per minute. I save 5 minutes a truck, depending on grade.'

Jeremy Kersey, Curbco, Bradenton, FL

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