

POWER CURBER PROFILES

News and information to make you more competitive

Ag Trench Trimming Using **SUPER-B** Eliminates Cost of 2nd Machine on Job

Photo by Terry Duncan, Power Curbers' Service Manager, PA, DE, MD, NY, NJ, WVA



The footer is slipformed in the trench dug by a wheel in the center of the special trimmer

Peninsula Poultry Equipment Co. had a goal when the company purchased a 5700-**SUPER-B**. They wanted to eliminate the expense of renting a trench digger and save time – with only one machine on the job.

The company builds large poultry houses for the agriculture industry in Delaware and Virginia.

The building process starts with the digging of a trench. Then a 20-inch (51 cm) concrete footer is slipformed. The footer is 10 inches below grade and 10 inches (25 cm) above grade. The 2x4s go on top of the steel-reinforced footer. Steel is also placed in the trench.

Previously, the company had been renting a trencher to do the digging.

They requested a special trimmer on the



The trimmer digs a trench 10 inches deep (25 cm) and 6 inches wide (15 cm) and has the ability to trim an additional 12 inches (30 cm) on each side for clean-up

SUPER-B that would dig 10 inches deep (25 cm) and 6 inches wide (15 cm), with the ability to trim on each side of the trench an additional 12 inches (30 cm) for clean-up. The width was achieved with a

wheel in the center of the trimmer that creates the shape. The wheel cuts 10 inches deeper than the 2 spiral flights on each side of it. Trimmer teeth are bolted on for easy replacement.

They also wanted to be able to drop the trimmer quickly at the end of the trench, pick up the footer mold, and move quickly into the slipforming phase of the work.

In order to make this happen, Mark Vanhoy, Power Curbers' engineer, designed a separate Quick Connect Mount System for the ag trimmer, and Don Spry of Power Curbers' Product Support and Charles Lamb of Power Curbers'

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Curb Production Up 50% with **SUPER-B**

Malphrus Construction curb crew foreman Chris Few estimates that the company's new 5700-**SUPER-B** sped up his curb-and-gutter production 40 to 50% on a 15,000-foot project (4,575 m) at a new University of South Carolina campus in Hilton Head, SC.

Chris and machine operator Bam Johnson are both partial to the Power Curber machine over the competition that the company previously owned.

"We love how compact the machine is," says Chris. "It's a small machine but it does a real big job. It really handles the job."

Chris was a loyal Power Curber user when he changed jobs and encountered the competitive machine at Malphrus. "I ran a Power Curber for 16 years," he says.

He and Bam, who worked with Chris at another company and followed him to Malphrus, both considered the competitive machine awkward. "It's not set up to pour curb," says Chris. "It was a lot more work. The track would come up and the mold would go down. It wouldn't stay on the curb. We tore out more curb because of it"



Chris Few, right, curb crew foreman, with Bam Johnson, center, machine operator, and Maurice Moultrie, stringline crew foreman, left. Bam says the auger is the best thing Power Curbers ever did

The University of South Carolina job required a lot of radius work that Chris says they wouldn't have been able to pour with the competitive machine. "We would have just poured the straight stuff (with the competitive machine) and done hand tie-ins. With the hand pouring, it would have been a three-week job. Now it's a one-week job (with the **SUPER-B**).

Bam, who has operated at least four Power Curbers, considers the biggest improvement of the 5700 Series to be the addition of the auger on the 5700-B. "It's the best thing Power Curbers ever did," he says. "The belt could pop in the middle of a pour, but you can't top that auger."

And it keeps the machine cleaner, Chris adds. Filling the auger with mix and moving the truck out of the way to go into a radius speeds production and couldn't be done with the competitive machine, Bam says.

They also like the additional power of the trimmer on the **SUPER-B** and the front grade arm.

The trimmer is a big plus when the grade has to be cut, a condition they faced on the campus job. "Trimming three or four inches with the competitive machine, the mold would have been all over the place," Chris says.


The **SUPER-B**'s compact size and weight are good features when working in muddy conditions, such as the campus job site. "This machine is not as heavy," Chris says. "We couldn't have done curb on this muddy site with the other machine."

Chris' long association with Power Curbers and his dealer, Southern Equipment Service, has been good. "As long as you do the upkeep and maintenance, the machine keeps on going," he says. "SES has been very good to work with," he says. "We had one little issue with a hydraulic valve and SES came the very next day."

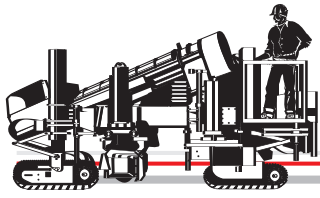


The **SUPER-B**'s compactness makes moving the machine from job to job throughout South Carolina and Georgia easy, says Malphrus Construction crew

Malphrus is a large contractor in South Carolina, with 550 employees engaged in golf course development on the East Coast, commercial projects, utility work, heavy/highway construction, and residential development, as well as curb and gutter.

Curb work takes the machine from South Carolina to Georgia, with the travel making its compactness another plus. "The lowboy operators like this machine," says Chris. "It's a better fit on the trailer." 

Southern Equipment Service is Power Curbers' dealer in South Carolina, North Carolina and Virginia. Contact SES at 704-855-5424 or e-mail sblalock@powercurbers.com



Drive-Thru Curbing? Contractor Says Why Not!



Photo by Phil Myers, Regional Service Manager, Georgia and east Tennessee

It's becoming a drive-through world, so why not drive-through curbing? Instead of some expensive hand-pouring at this new Kroger pharmacy in Nashville, TN, MarCor Construction of Dickson, TN, found its 5700-SUPER-B the right size for squeezing into the drive-through and pouring curb and gutter.

The crew shifted the right rear leg close to the machine, adjusted the auger and made it through with around 6 inches (15 cm) of clearance. The SUPER-B's compact size makes it easy to maneuver in tight areas, such as parking lots and around radii, and also easy to load. It transports at legal width. And now as you can see – it just drives right on through.

Service is Key, MarCor Says

Power Curbers' dependable service is a key point for Jim Corley and Mark Bowers, owners of MarCor.

Teamwork, with both Power Curbers and their crew, is crucial to their business strategy, which, this year, included the upgrade of one of their two 5700-Bs to a new 5700-SUPER-B.

"We've got a good machine and



Mark Bowers, left, and Jim Corley pride themselves on good employees and a good machine

we've got good employees behind the machine," says Jim. "Without both, we couldn't do what we do."

Mark is proud of the fact that the crew has mastered the 2-foot radius (.6m). The secret is employee attitude, practice and again, teamwork, he says. "It starts with the chute guy and the operator paying attention to each other. And then the finishers do a good job. They take pride in what they do."

Phil Myers is Power Curbers' service rep for MarCor. "When you call Phil, it's like he's got a personal interest in our problem," says Mark.

"It becomes his main priority," adds Jim. PC

Phil Myers, regional service manager for Power Curbers in Georgia and east Tennessee, can be reached at 770-337-0586 or pmyers@powercurbers.com

The 5700-SUPER-B does it ... with 6 (15 cm) inches to spare

Airport Paving Under Way In Bulgaria

This SF-2700 by Power Pavers is slipforming in Bulgaria. This project is an airport runway at the Burgas Airport. The paving depth is 15.35 inches (39 cm). The crew paved multiple 18-foot bays (5.6m).

Power Pavers is owned by Power Curbers, Inc.



Photo by Bob Knadke, Power Pavers, Inc.

Ag Trench Trimming

(Continued from Page 1)

Research and Development Team assembled the unit. It works independently of the Quick Connect Mold Mount. He also designed a stand for the ag trimmer. The machine operator drops the trimmer on the stand and it can then be loaded on the trailer for transport. The machine is moved an average of once a week, with the crew working within a 60-mile radius (96 km) of Laurel, DE.

The trimmer also has Quick Disconnect hydraulic lines so that the trimmer can be disconnected in a matter of minutes, instead of the usual 30 minutes.

Larry Hill, president of Peninsula Poultry, says there is an added benefit of having the curb machine cut the trench. It follows the stringline, already set for the footer, and the result is a much straighter, more consistent trench than one dug by a trencher. The fact that the ditch is perfectly even means there is no loss of concrete. With a trencher, deep spots in the trench had to be filled in with concrete. Running off the stringline means that the bottom of the trench is level and exactly where you want it.

Machine operator Kendal Carr agrees. "With the trencher, you had to clamp a guide on the trencher and just eyeball it," says Kendal. "The (consistency of the) depth of the trench is the main thing with the machine," he adds. With the trencher, you always had to clean up the trench. If you hit a rock, it would mess up. With the machine, when we hit a rock, it broke the rock in half and went right on with it."

The ag trimmer evenly distributes soil on both sides of the trench and this soil is used as backfill.

Larry says that Power Curbers' engineering staff was very helpful and responsive to what his company needed to achieve the goal.

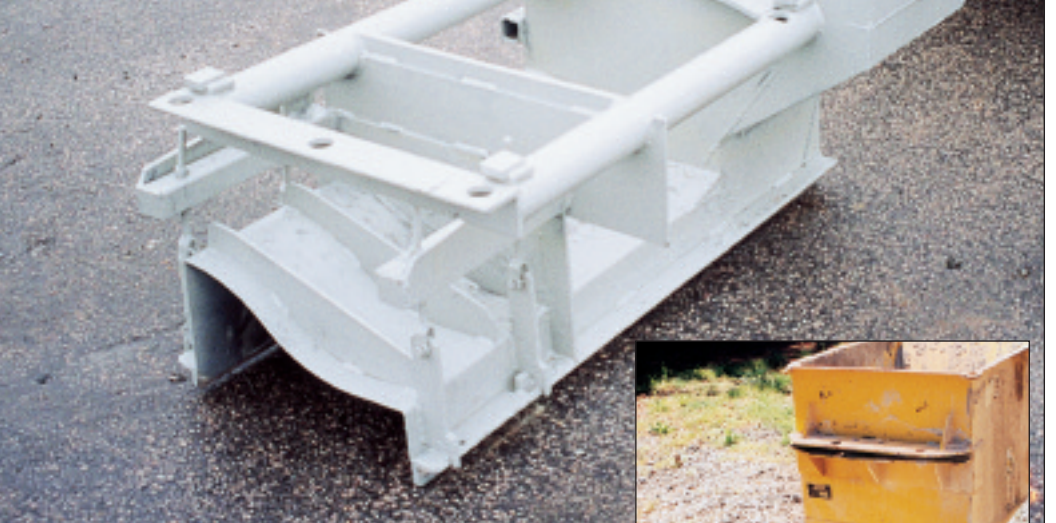
Kendal likes the idea of not using the rented trencher. "We need it when we need it," he says. "Now we have this trimmer with us right here. Having to pick up the trencher and take it back, you're looking at three hours per house."

Kendal calls the SUPER-B "an awesome piece of equipment."

"I'm tickled to death to have the opportunity to use it," he says. PC

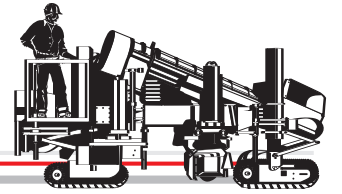
Jay McNally is regional sales manager and Terry Duncan is regional service manager in the states of Delaware, Maryland, New Jersey, New York, Pennsylvania, northern Virginia and West Virginia. You may contact Jay at 301-633-1200 or jmcnally@powercurbers.com and Terry at 610-509-6636 or tduncan@powercurbers.com

Mold Conversion



Molds built for competitive slipform machines can be converted for use with Power Curber machinery, using a factory retrofit kit. After the conversion, the standard mold frame will fit the 5700, the 5700-B or the 5700-SUPER-B. Our standard retrofit also adjusts the mold for the Quick Connect Mold Mount, which allows you to pick up the mold hydraulically in only minutes. Contact your dealer or David Shoe at the factory, 704-647-6159, dshoe@powercurbers.com





Our People

We're growing and changing ...
 Here are new associates for you to get to know.

■ **Dan Napierala** of Iowa City, IA, has joined Power Pavers, our company in Cedar Falls, IA, as national accounts manager. Dan has sold construction equipment for dealerships and manufacturers for 23 years. Power Pavers manufactures slipform pavers, form pavers, placer spreaders and a texture cure machine for residential, highway and airport paving. "I'm really proud and excited to be on the Power Pavers team," says Dan. "We're all looking forward to our future success and growth."
 Dan can be reached at 319-230-1384 or dnapierala@powerpavers.com. Power Pavers' products can be seen at www.powerpavers.com.

■ At the Power Curbers factory in North Carolina, **Steve Milam** is now a part of the USA sales force. Steve handles sales of used equipment and covers new machine sales in the states of Utah, Colorado, Washington, Oregon, New Mexico, North Dakota, South Dakota, Texas, Vermont, New Hampshire, Rhode Island, Maine, Connecticut and Massachusetts. Steve has 21 years of experience in sales, marketing and customer service, having previously worked for mobile crane and motor grader manufacturers. He can be reached at 704-647-6147 or smilam@powercurbers.com

■ We also wish **Ray Smith** well in his retirement. "The Captain," as he is affectionately known at Power Curbers, was a founder of Smith Materials and Equipment (SMECO) of Kenner, LA. Dyke Messinger, president of Power Curbers, says that Ray Smith "has been a friend, confident, and of course, distributor, for 25 years. I remember when Ray had his Louisiana 'World of Concrete.' We poured barrier wall on the street near his office with one of our machines," Dyke said. "Ray will always be my friend, and a friend of Power Curbers, for years to come."
 The dealership is now in the capable hands of Ray's partner, Eric Kuntz. Chris Purrington specializes in Power Curbers' sales for SMECO.
 SMECO can be reached at 504-467-7711.



Dan Napierala, national sales accounts rep for Power Pavers, far right, poses with a new SF-3000 slipform machine and the Power Pavers factory staff, including, left to right, Randy Hashman, manager; Fred Hite, general manager; Mark Davidson, Jim Demry Jr., Bernie Youngblut, Art Kaae, Kevin Bley, Dennis Matke and Karen Chapman, office manager



Steve Milam ... talk to him about used machines



Ray Smith was Louisiana distributor for Power Curber equipment for 25 years, before retiring this year



Curb and gutter being slipformed as part of Zhangjinkou Highway Project

Photo by Modern International Plants & Machineries, Power Curbers' dealer in China

Life Is Good in Texas

With the **SUPER-B**, Crew Is Down and Production Is Up

Billy Moss of Moss Concrete Construction Co. Inc., in Whitehouse, TX, moved from a 5700 to a 5700-**SUPER-B** this year. These are the results: He is saving labor, with his crew reduced by 3 men, and he is gaining 800 feet (244 m) of curb a day in production.

"That's quite a bit of difference," says Billy, who has seen his business grow dramatically since he bought his reconditioned 5700 seven years ago.

"We were doing it all by hand before then," he says. "We went from 400 feet (122 m) of curb a day to 1,800 to 2,000 feet a day (549 to 610 m). Now, we've gone to 2,500 to 2,800 feet a day (762 to 854 m). We were dumping a truck in 15 to 20 minutes with the 5700, and with the new machine, we're dumping a truck in 5 to 10 minutes."

Billy says the company paid for the reconditioned machine within a year, and with savings in labor costs and additional production, he should be able to recoup the cost of the new machine within two years.

With the 5700, he ran a 10-man crew. With the new 5700-**SUPER-B** - and the options that he chose, such as the front-grade arm - he's been able to reduce the crew while increasing production. The front-grade sensor hydraulically adjusts the sensor



The SUPER-B has made life easier for the Moss Concrete crew, with the guys doing very little touch-up work, says Billy Moss

Photo by Sam Howard, Regional Sales Manager, Arkansas, Oklahoma, West Tennessee

arm to keep the string on line when you're pouring around corners. It eliminates the need for a crew member to manually adjust the sensor arm around corners.

"It was the right move," Billy says of his buying decision. It has made the work easier on the crew.

The auger is a big improvement over the belt conveyor, he says. "We would have to have a man positioned to add a little water to the mix on the belt, and you'd get wet and dry spots in the curb behind you. The auger mixes the concrete and gets rid of the wet spots. The curb is more uniform."

The **SUPER-B** also runs a straight curb and toe rail, Billy says, so the crew does "very little touch-up work. They just put the expansions in and cut the joints," he says.

Billy's two sons, Nicholas and Brandon, are in business with him.

Sam Howard is Regional Sales and Service Manager in Arkansas, Oklahoma, and West Tennessee. He can be reached at 501-351-1801.

SUPER-Bs Working in Inner Mongolia

Two 5700-**SUPER-B** are involved in large road projects in Inner Mongolia and China.

A total of 110 miles of curb (178 km) is being poured on a highway from Jining to Lao Ye Miao, with the completion date of the Inner Mongolia Highway Project set for September of 2005. The project is part of work being done by the Inner Mongolia New Development Road & Bridge Construction Technology Co. Ltd in Huhe-Haote, Inner Mongolia.

A total of 248 miles of curb (400 km) is being slipformed from Xuan Dai Hou Man Ling, Hebei, to Lao Ye Miao, Inner Mongolia, as part of the Zhangjinkou Highway Project. The completion date for this highway work is October 2005. The work is being done by Hebei Zhang Jia Kou Curb Highway Construction Co. Ltd.

Power Curbers, Inc. has been selling machinery in China since the early 1990s through our dealer, Modern (International) Plants and Machineries Ltd., with offices in Hong Kong, Beijing, Guangzhou and Shanghai. Lu Bun of Modern says that the machines are popular in China because of

their efficiency, versatility and low cost.

Lu Bun of Modern International Plants & Machineries in Beijing, Hong Kong and Shanghai is Power Curbers' dealer in China. He can be contacted at lubun@modernhk.com.hk



This road edging is being slipformed by the Inner Mongolia New Development Road & Bridge Construction Technology Co.

Photo by Wayne Irby, Power Curbers' Field Service Technician

Make Life Easier

Use your credit card to purchase Power Curber parts. Call the factory at 704-633-9022, or email lkjulian@powercurbers.com



POWER CURBER PROFILES

Fall 2004

Power Curbers, Inc.



Special Ag Trimmer Follows Stringline, Digs 10-inch Trench
See Story, Page 1

Photo by Terry Duncan, Power Curbers' Service Manager, PA, DE, MD, NY, NJ, WA

See Us At



ConExpo/ConAgg
Las Vegas
Convention Center
Las Vegas, NV
March 15-19, 2005
Booth S-8637

bauma
China 2004



Shanghai New International Expo Centre
16th-19th November ~ Outdoor Area South Booth D07

See Us At



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

41st
Annual Concrete
Paving Workshop



February 2-4, 2005
Holiday Inn Airport
Des Moines, Iowa

Power Pavers Inc.

Construction Equipment Guide.com

- Feb. 8-9, 2005
Pittsburgh Construction Expo
Pittsburgh Expo Mart, Monroeville, PA
Booth 73
- March 8-9, 2005
Philadelphia Construction Expo
Washington Expo Center, Ft. Washington, PA
Booth 92

CONEX

February 2-3, 2005
Meadowlands Exposition Center
Secaucus, NJ
Booth 302

Mark Your Calendar For Service School 2005

Make some space in your winter calendar for our two-day service school for curb crews.

Six schools are scheduled in January and February, featuring machine safety, hydraulic systems on the trimmer, crawler, conveyor and servo/vibrator, stringline and machine set-up, electrical components, troubleshooting and repair, preventive maintenance, concrete mix design, vibrator placements and applications.

The schools are held at the Holiday Inn, Salisbury, NC, with a visit to the factory scheduled.

The schools fill up fast so make your reservations by calling Chad Hedrick at 704-647-6158, or e-mailing him at chedrick@powercurbers.com. Tuition is \$400 with breakfast and lunch provided both days, along with a graduation dinner.

Here are the 2005 dates:

Jan. 31-Feb. 1	Analog Machines, 5700-B
Feb. 3-4	Analog Machines, 5700-B
Feb. 7-8	Micro Machines, 5700-B
Feb. 10-11	Micro Machines, 5700-B
Feb. 14-15	Analog Machines, 5700-SUPER-B
Feb. 17-18	Micro Machines, 5700-SUPER-B

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