

POWER CURBER PROFILES

News and information to make you more competitive

Challenge in Australia Versatile 5700-B Proves Its Worth

Adelaide Kerbing in Adelaide, Australia, has completed a challenging below-grade application with its 5700-B. The project is a pavement widening in the McLaren Vale wine-growing region of Adelaide on the main highway heading south from Adelaide which passes through a famous wine-growing region. The Wolf Blass vineyards are on both sides of the job. The project had two particularly challenging features. First, the "on grade" section of the job tapered out along its length of approximately 820 feet (250m). At the start of the job, there was only just enough space to position the two left tracks of the 5700-B on the grade level. Even then, the steering crawler was scraping the edge of the cut pavement at times.

As the pour progressed, the cut pavement moved away from the curb line by about an additional 6.5 feet (2m). At the 492-foot mark (150m), the crew built a compact ramp in order to bring the right rear leg from the road level to the grade level. While continuing to trim and pour, the operator brought the right rear post in toward the machine as the crawler traveled down the ramp over a distance of about 33 feet (10m).

"We successfully made the transition of the right rear post being on the pavement to being on grade to continue slipforming without needing to stop and reposition the machine," said Shane Dunstan of Aran International in Queensland, Power Curbers' dealer in Australia.

The cut road edge was the existing road pavement direction and width. The curb was tapering out as the "widening" of the pavement progressed from one lane to the new second lane. In the cut area, the road base will be compacted and sealed with hot asphalt.



Two tracks are on grade and the other post is on the highway elevation

“These guys at Power Curbers have it all sorted out. They’ve thought of everything.”

Vic Saccoccio, Adelaide Kerbing, Adelaide, Australia

The second challenge was the grade offsets between the road level, the crawler grade and the trimming level. "We had the machine stretched out in all directions for the first 328 feet (100m) of the job, said Shane. "The right rear post was fully extended so we could travel as far as we could along the road before having to make the transition onto grade

where we would have enough width for the machine to operate in at its minimum width.

"The right rear post only had .78 inch (20mm) of spare vertical movement before the machine bottomed out," Shane said.

At one time along the early part of the job it reduced to .20 inch (5mm)! "In order to get the 3.4-foot (1.05m) wide dish drain at the

correct level, we had to trim up to 2 inches (50mm) of compacted road base," Shane said. "This had the trimmer posts extended all the way down, and even then we were only trimming just enough to stop the mold from catching on the grade with .20 inch (5mm) between the lowest point of the trimmer teeth to the bottom of the mold."

Shane called the pour a successful project in the end of the day.

Adelaide Kerbing's owner, Vic Saccoccio, loves the versatility of the machine and how well it is set out, Shane said. "These guys at Power Curbers have it all sorted out," Vic said. "They've thought of everything. There is no point wasting your time slipforming with a machine that doesn't have the weight and features of the Power Curber, especially that auger and trimmer, they are terrific."

Vic's son, Steve, sets up the jobs and operates the machine. Vic is proud of the way Steve has caught onto slipforming curb and operating the 5700-B. "He has the machine singing and is really putting out some beautiful curb," Vic said.

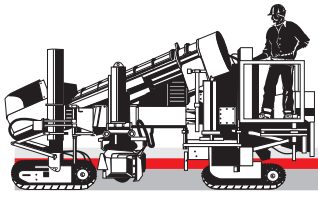
Adelaide Kerbing also operates a 440XL for extruding road islands, mountable and barrier curb, and median curb. Vic thinks that the 440XL is the best little machine he has ever used. "It just screams along — it's

easy to use, even my daughter could drive it," Vic said. For small road islands, he fills up the hopper of the machine from the concrete truck on the side of the road, pulls the machine into the middle of the road like a shopping trolley, does one side of the island, rolls the machine back to the road side, fills up again and goes back to middle of the road

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The machine is positioned on edge of existing pavement, in preparation for bringing the right rear post off the pavement and down a ramp that the crew constructed, while continuously pouring



A Crucial Role in Largest RCC Dam in World

Four Power Curber 8700s worked 20 hours per day slipforming the upper and lower faces of a huge dam in Thailand that has taken 5 years to complete.

The Klong Tha Dan Dam, located on the Nakon Nayok River, was built in sections between hills in the rugged terrain.

The four machines slipformed more than 1.7 million feet of concrete in the faces of the dam, a 305-foot (93m) high structure located about 120 km north of Bangkok. Two of the machines slipformed the upper face and the other two, the lower face.

The dam is the largest roller-compacted concrete dam in the world, based on volume of concrete used, and holds the world's record for most RCC placed in one day — 10,000 cubic yards, according to Fares Y. Abdo, P.E., Program Manager, Water Resources, Portland Cement Association.

Roller-compacted concrete (RCC) is an economical and high-performance material used to construct pavements and dams at a high speed of construction. Similar to conventional concrete, the main ingredients of RCC are cement, aggregates and water. RCC offers the performance of conventional concrete but is constructed at a much faster rate using earth-moving and paving equipment," the Portland Cement Association said.

The five-year project in Thailand began in November of 1999 and is to be completed by the end of 2004. The first slipform machine was delivered in October 2000. The machines finished their part of the project on schedule in early 2004 and performed to the customer's satisfaction, according to Power Curbers' dealer in Thailand, Pongpanth Lim-

wongthong of Italhai Industrial Co. Ltd.

The dam is more than 8,900 feet long (2,720m) with a maximum height of 305 feet. A total of 3,518,520 cubic feet (327,000 cu m) of conventional concrete was used, along with 58 million cubic feet (5.4 million cu m) of RCC.

The four Power Curbers slipformed 1,738,400 feet (530,000m) of concrete. Eight different molds were used for the faces of the dam because of the graduated change in the slope of the structure. The interlocking passes on the faces varied in width from almost 1 foot (.3m) to 2.29 feet (.7m) and in height from 1.9 feet (.6m) to 2.9 feet (.9m)

The project was initiated by His Majesty, the King of Thailand, King Bhumibol Adulyadej (Rama IX).

The dam is expected to:

- Reduce damages from floods in the Nakorn Nayok Basin by 35%.
- Improve the soil for agriculture by washing acid from the topsoil.
- Promote the fishing industry, with 58 tons of fish expected to be harvested per year.
- Supply 16 million cubic meters of water to the surrounding districts.
- Become a tourist destination.

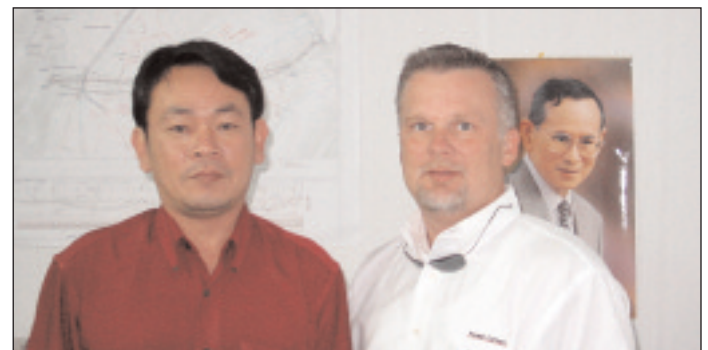
The contractor is CCVK Joint Venture which consists of the China National Water Resources and Hydropower Engineering Corp., the China Electric Power Technology Import & Export Corp., Vichitbhan Construction Co. Ltd., and Krung Thon Engineers Co., Ltd. Vichitbhan and Krung Thon are the team leaders. Engineers are Asdecon Corp. Co. Ltd, Team Consulting Engineer Co. Ltd., and Coyne et Beller. **PC**



Four Power Curber machines slipformed more than 1.7 million feet of concrete in the two faces of the dam in Thailand



Other face of dam



Mr. Chainusorn Jangleard of CCVK Joint Venture, contractor for the project (left), with Randy Chandler, Power Curbers' international sales manager (right) in 2004. His Majesty, the King of Thailand, King Bhumibol Adulyadej (Rama IX), shown in the photo in the background, commissioned the Klong Tha Dan Dam, the largest roller-compacted concrete dam in the world.

Photos by Randy Chandler, Power Curbers Sales Manager

Magazines Honor **SUPER-B** for Enriching the Concrete Industry

Power Curbers measures its success one customer at a time. Our best measurement is when a customer sings the praises of the 5700-**SUPER-B**, telling us stories about higher production, faster pours, or more powerful trimming ability.

We've heard those kind of stories in 2004, and now, two industry publications are adding awards to the **SUPER-B**'s achievements.

Construction Equipment magazine has chosen the **SUPER-B**



for a Top 100 Product Award for 2004. The program was conceived to recognize the most significant products introduced each year. Each year, the magazine receives more than 2,000 product releases. In evaluating products for the Top 100 Awards, editors look for advances in technology, new product lines, significant improvements to existing products, or a product that increases competition in its field.



Better Roads magazine has awarded the machine a 2004 Top Rollout Award. This magazine recognizes products that enrich the highway and bridge industry with innovation, productivity and/or greater supplier competition.

The selection of 50 products was drawn from the nearly 500 new products presented in the magazine from the November 2003 issue through the October 2004 issue.

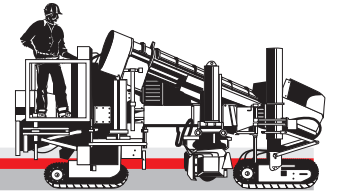


Photo by Guy Tops of Concretech, Power Curbers dealer in Belgium. Guy can be reached at 32.14.816142 or concretech.intern@belgacom.net

Slotted Drain in Belgium

VBG and Wegebo use the Power Curber 5700-B to install slotted drain in a project to rebuild the ring road around Antwerp. Slotted drain is a compact profile that can carry high volumes of water without danger to traffic, unlike V-drains that need to be deep and wide to carry the same amount of water. Slipformed slotted drain is formed by

using an inflatable plastic tube that runs inside the slip-form profile. The machine slipforms the concrete over the plastic tube, and the next day the tube is deflated and pulled out of the profile. The mold has a steel tube in the center, which positions the inflatable tube in the right place during the pour.

With Extra Horse, SUPER-B Plows Right On Through, Meets High Standards on Job in Utah National Park

The curb crew of Farnworth Concrete of Lindon, UT, had a scenic feast for the eyes, as well as great curb production, on a recent parking lot job at Arches National Park near Moah in southern Utah.

Matt Day, general manager of the company, says their new 5700-SUPER-B did fabulous work. "It's a really picturesque area, and the quality requirement for the curb was really high," says Matt.

The park superintendent watched the pour, via web cam, from his office several hours away in Salt Lake City. "He was really amazed," says Matt, especially at the ability of the machine to turn a corner in the radius and how little tie-in work was required on the part of the crew.

As a special attraction on this job, the crew enjoyed

big-horn sheep and other wildlife in the park that were accustomed to tourists and often wandered close to the machine.



The photo shows numerous island poured by the SUPER-B in Arches National Park

Photo by Simon Luevano, Farnworth Concrete

Hogan and Associates Construction, Centerville, Utah, was the general contractor.

Farnworth has owned a Power Curber 5700-B since 1997. "It still does a great job, but the SUPER-B is able to go 30 percent faster," says Matt. "It has enough horsepower to take us right on through. Even if the

grade work is 5 inches high, we're able to go right on. We can move faster and we don't worry about the grade being high."

Farnworth, with Denny Farnworth as president, has been in the curb business for 13 years. "We've steadily and soundly increased our business," says Matt.



Mike Harazim ... new international sales manager

Power Curbers Names International, United States Sales Managers

Mike Harazim has joined Power Curbers as international sales manager, according to Stephen Bullock, vice president of sales and marketing.

Mike comes to us from a global energy company, having spent the past seven years selling maintenance and reliability improvement products and services to the power generation industry internationally.

He has a strong mechanical and hydraulics background from his experience with the U.S. Navy, where he served on a nuclear submarine for five years, and then with the U.S. Navy Reserves, until his retirement in 1999.

Mike has a BS degree in Occupational Education from Southern Illinois University.

He can be reached at 704-647-6164, 704-202-5218 (cell) or mharazim@powercurbers.com.

U.S. Regional Manager

In the United States, Randy Chandler has been assigned to sales in the states of California, Nevada, Arizona, Florida, Georgia, Alabama, central and eastern Tennessee, Puerto Rico and the Caribbean.

Randy has worked for Power Curbers for two years, building marketshare and dealer relationships in his role as international sales manager. "Randy has done an outstanding job in our international department, and we are excited about his new role in domestic sales," said Stephen.

Randy can be reached at 704-647-6123, 704-267-6630 (cell) or rchandler@powercurbers.com.



Randy Chandler ...now working in U.S. market

Challenge in Australia

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to finish the island. Fast and simple. It takes 5 minutes to do a short island that would otherwise take an hour to do by hand or with an old ram-style extruder, according to Shane.

Adelaide Kerbing has extruded kilometers of median curb and edge curb with the little machine, calling it "the best money maker of our business."

Shane Dunstan at Aran International Pty. Ltd., Queensland, can be reached at 011.61.7.3206.3782 or shane@aran.com.au



Vic Saccoccio, right, says that his son, Steve, left, the machine operator, has the 5700-B 'singing and putting out beautiful curb'

It just screams along ... fast and simple. It takes 5 minutes to do a short island that would otherwise take an hour to do by hand.

Vic Saccoccio on his 440-XL

41st
Annual Concrete
Paving Workshop

February 2-4, 2005
Holiday Inn Airport
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Power Pavers, Inc.
Our Commitment Shows

See Us At

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

Missouri/Kansas Chapter
Annual Concrete Paving Workshop
Downtown Marriott, Kansas City, MO
March 1-3
Power Pavers, Inc.

POWER CURBER PROFILES

Winter 2005

Power Curbers, Inc.

Seeing Red

Audoorn Wegenbouw, owner of the first Power Curber 5700-SUPER-B in Belgium, is pouring 43-inch wide sidewalk (110cm) with a paver-styled mold. Sidewalks and bicycle paths are placed in red concrete in Europe to indicate areas for pedestrians.



Photo by Guy Tapp, Concretech International, Mol, Belgium, Power Curbers' dealer in Belgium

Form Paving in Texas

John Stabile of Stabile & Winn in Saginaw, TX, recently purchased an FP-3000 by Power Pavers, Inc., as an addition to the form paver his company has had in operation for 5 years.

Form pavers have an advantage in the reconstruction concrete paving that his company does, John says.

"Form pavers are ideal for reconstruction work," he says. "You run into a lot of meter boxes or fire hydrants — lots of conflicts — and the form paver doesn't need much room in back of curb."

The form paver only requires 1 foot of clearance. No crew is required to move ahead of the paver to disconnect water services, and then re-connect the services after the concrete is poured.

Stabile & Winn has operated form pavers for more than 20 years and has had a long association with Fred Hite and Randy Hashman, managers of Power Pavers, Inc.

"That's 99% of it," John says of the buying decision. "... for someone to deal with you on a more personal basis. They're great," he says of Fred and Randy. "I make a phone call (for parts) and they ship it right out. I've followed those guys since the 1980s."



**FP-3000 Ideal
Around Obstacles**

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