



Recipient, E-Award for Excellence in Exports, US Department of Commerce

# POWER CURBER PROFILES

Our Commitment Shows


## Slotted Drain on Level Grade

Australian contractor meets challenges head-on

**N**ation Wide Slipforming of Sydney, Australia, recently used their 5700-C-MAX to complete a unique and complicated 6 km (3.73 mile) slotted drain pour as part of the M5 West widening project in Sydney.

Slotted drains are a relatively simple concept, poured using an inflated polymer-based tube that is fed into the front of the mold. Concrete is then slipformed around the tube, which is deflated and removed once the concrete has set, leaving the open drainpipe inside the concrete profile. Clean-out pits are installed along the drain to facilitate removal of any debris that makes it through the slot.

This project, however, had less than 0.05% fall, or slope, meaning that water in the finished drain wouldn't have enough of a grade to run down. Nation Wide was up to the task, though, building the slot with variable depth from 0 up to 200 mm to allow for water drainage between the pits, even where the grade was perfectly level.

The precision of the drain itself wasn't the only demanding aspect of this project. "We also had the challenge of being asked to work within confined areas, and with the concrete trucks only being able to access the jobsite sometimes in only one direction," said Brian Scattergood of Nation Wide. Luckily, their C-MAX has both left- and right-hand pour capabilities, so they didn't miss a beat when they had to adapt their crew and machine to meet the demands of the job. 



Nation Wide Slipforming in Australia slipforms a slotted drain as part of the widening of the M5 in Sydney.

## APPLICATION SPOTLIGHT ■ TUNNELS

**B**eginning with the massive Eurotunnel project in 1993, Power Curbers has a long history of innovative and efficient solutions to tunnel construction using curb and gutter machines as well as slipform pavers. Machines and molds can be custom-engineered to meet the demands of various aspects of tunnel applications, including railbeds, walkways, roadbeds, side walls, and encasements for utility lines.

In the Eurotunnel, Power Curbers machines paved 31 miles (50 km) of railbed and 62 miles (100 km) of sidewalk from Calais, France, in a record 9 months, as opposed to 17 months to complete the same distance by hand from Dover. The machine slipforming the railbed was engineered with wheels that allowed it to travel along the curvature of the tunnel. The other machines poured the sidewalks, dealing with slick, concave tunnel walls. Steel drilled into the sides of the tunnels helped hold the concrete in position as it was poured.

The D-100 motorway running east-west across Istanbul's Asian side was easily congested during the city's rush hours. To eliminate the bumper-to-bumper traffic, the city built a 20 mile (32 km) long tunnel 50 yards (45 m) below ground to bring commuters into Istanbul via train. A Power Curber 5700-C-MAX was used to slipform U-shaped concrete platforms on the tunnel walls that house electrical conduit and serve as maintenance walkways. A variable mold weighing in at 10,000 lb (4,545 kg) with hydraulically controlled height and width was crucial to being able to successfully pour the U-ditch on tunnel walls that varied in diameter, such as widening at train stops.

In Japan, a Power Curber 5700-C and a Power Paver SF-1700 were used in a 1 km long tunnel job for the Ministry of Land, Infrastructure, Transport, and Tourism. With only 10 m of clearance inside the tunnel in which to work, pouring the 8.5 m wide slab would have been much more difficult without the adjustable profile of the SF-1700, which allowed them to pour in such a tight space. The customer was recognized by the municipality for the excellent quality of the job and credits Power Curbers for having "excellent machines and great service" in helping complete the project.

No matter how complicated the job, Power Curbers and Power Pavers machines are being used to build tunnel infrastructure worldwide.



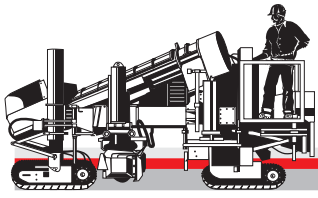
Top Left: Power Curbers engineers custom-designed the machines for the Eurotunnel project to be able to follow the curvature of the tunnel floor to pour 31 miles (50 km) of railbed.



Left: The large mold was built with hydraulically adjustable sides to be able to pour the side walls of a tunnel in Turkey.



Top Right: The Power Paver SF-1700 slipform paver is ideal for paving roadbeds in tunnel projects.



# Schlouch's Success Story

**F**rom a young age, Barry Schlouch wanted to be the best at the task at hand. "I grew up on a farm and wanted to be the best farmer I could be. Now, I'm not farming today, but I got a lot out of it," he says.

Barry started Schlouch Incorporated in 1983 in the basement of his home, with his wife, Deb, and \$2,000. "I was 25 years old when we started and I was blessed to start very young," says Barry. Starting as an excavation and pipe contractor and moving into concrete in 2000, Schlouch Incorporated now does commercial flatwork and footers in addition to slipform curb and sidewalk work.

So how did Barry decide that Power Curbers equipment was a good fit? "You put good people with a good product and it made for a pretty easy decision. We ran that first machine 14 years ago and installed tens of thousands of linear feet of quality curb. With a very strong workload, it was an easy decision again because we knew we could get the quality and reliability with the machine."

The private company of 220 employees has seen their share of tough times through the economic downturn. "Back in 2006, we were a 375-employee company and then the recession hit and I'm just happy for what we have," Barry says. "We've come through it so much better, stronger, and more efficient. We had to come to the realization very quick that the demand was way down. Back then, we were approaching 2,000,000 new homes built per year in the US. That dropped within 2 years to under 500,000 new homes – a million and a half homes sucked out of the economy in a 2-year period. All those jobs, all that need was gone, and we realized we had to look at what we were really good at to be

able to compete in that completely different economy."

What Schlouch's team excelled in was more than just producing a quality product. They got good at budget management, and at delivering on tight deadlines with a reduced workforce. "You had to be very, very good at everything, plus work at a low price," says Barry. "We sold some equipment off and worked at prices that were much lower than what we were accustomed to. We were able to turn the company around into a profitable company again, and here we are today."

Barry acknowledges that surviving the tough times wouldn't have been possible without his entire team. "I think we are all in more of a state of gratitude for what we have because we've seen times like that. We're all blessed that we're here and that we have a company."

Building morale at Schlouch Inc. is key to maintaining a positive workplace. "I think what motivates our team is recognition and thanking them for the things they do well. We track promotions and and we go out to the jobsite and present certificates for anniversaries. It's the little details, the relationships that matter most." Barry says.


In 2000, the state of Pennsylvania recognized Schlouch Incorporated as the best place to work in Pennsylvania (in the over 250 employee category). "75% of the ranking came from employee feedback sent directly to the state. It was a good affirmation that we were doing some of the right things," says Barry.

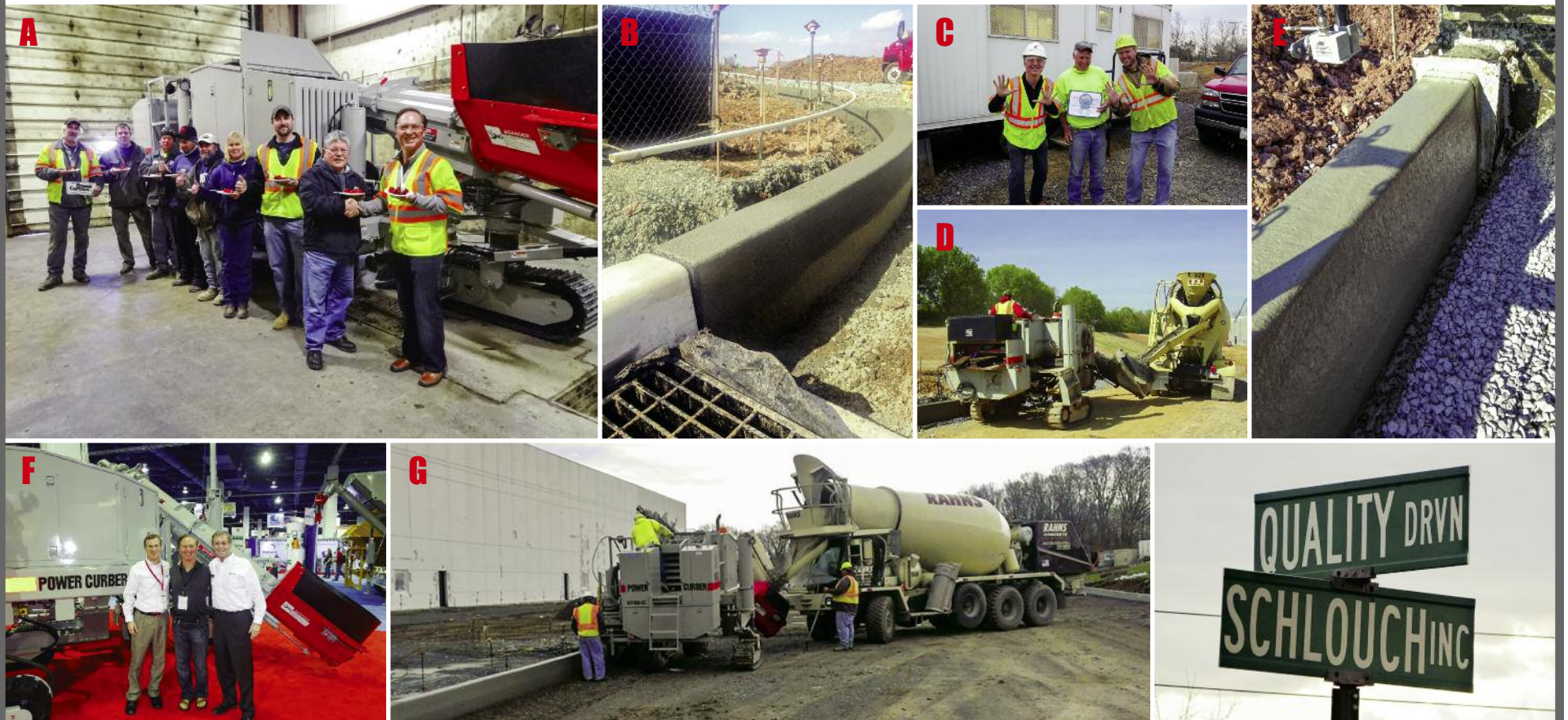
He also recognizes how having to adapt to the tough times has strengthened the company for the long haul. "We have become a lot better to compete in a better market. We

are much better with our service because clients are looking for people that can deliver. We can leverage all these efficiencies from the tough times to help our clients and help our company today."

Barry also teaches workshops on business development, employee retention, and other best practices to business owners around the country. "The nice thing about doing it is that I have to review our practices every time I do it. So it keeps me current and makes me rethink things – gives me new ideas for ways to advance what we're already doing," says Barry.

Barry's team took delivery of their new 5700-C in March and the curb crew celebrated the occasion with strawberry pie and a visit from Power Curbers' Regional Service Manager Terry Duncan. "Terry was at our facility the day the machine showed up. He was on site training us until we got it right – he was with us all the way." Barry says, "That's the kind of people Power Curbers has – which makes for longevity in the relationship. We've been at it for 14 years now with consistency along the way. You know you're going to get taken care of which gives us peace of mind."

Whether he's singing "Happy Birthday" to his crew members or inspiring them to meet a client's demands, Barry Schlouch knows what it takes to be successful in business. "Do what you have to do, with the tools that you have. I'm constantly on a mission of curiosity and perfection," he says. "I wanted to be the best farmer, the best laborer, the best surveyor, the best construction foreman, and then the best business person. And I'm still working at that one." 



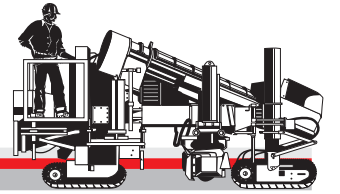
**A** - Regional Service Manager Terry Duncan joins Barry Schlouch and his curb crew to celebrate the delivery of their new 5700-C with strawberry pie. **B** - Schlouch's new 5700-C pouring radius on its inaugural job. **C** - Barry Schlouch believes in recognizing team members for years of service. **D** - Schlouch Incorporated's 5700-B pouring curb on a jobsite in Lower Nazareth Township in Northampton County, PA. **E** - Schlouch Incorporated's new 5700-C offers the quality and reliability that Barry Schlouch's customers demand. **F** - Longtime customer Barry Schlouch with Power Curbers Vice President of Sales & Marketing Stephen Bullock and President & CEO Dyke Messinger at ConExpo 2014. **G** - Schlouch Incorporated's 5700-C pouring curb on a jobsite in a residential community in Ontelaunee Township in Berks County, PA.

## SCHLOUCH'S TOP TIPS FOR SUCCESS

**1** Get good at where you are today. Start where you're at now. People will notice. Be fully engaged – it speaks volumes for you and your personal brand.

**2** Do a little better every day. If you're blessed to wake up in the morning, you get another shot at it – why not do things just a little better?

**3** Show up when you don't want to. There's going to be days in life where it's going to be horrible, things aren't working out. But those are the days that are even more important to learn from the experience and go back at it.



## Power Curber Owner Wins Concrete Promoter Award



**P**ower Curber owner Jay Shorette of Dirigo Slipform in Stillwater, Maine was recently honored as Concrete Promoter of the Year for 2013 by the Northern New England Concrete Promotion Association (NNECPA). This award recognizes Jay's contributions to the concrete industry through his tireless efforts to educate and inform about slipforming. Jay has visited customers and offered lunch box presentations about slip-

form curbing, and has hosted numerous educational programs at Dirigo's offices, including seminars and certification programs. Jay has long been a huge proponent of slipforming, nearly single-handedly taking Maine from a zero slipform state to pouring several hundred thousand feet per year statewide.

Dirigo Slipform, Jay's company, has also won numerous awards, including Best Concrete Construction Project from the NNECPA for the past nine consecutive years. They have also been recognized with three safety awards from The Associated General Contractors of America and have received recognition from the VFW, YMCA, and Habitat for Humanity for their contributions to their local community. 



## Extraordinary Customer Service and Commitment


**A**lberto Caballero, president of Entrench Civil Contractors in Hobbs, New Mexico, came to ConExpo 2014 in Las Vegas looking to buy a curb machine. Specializing in the installation of utilities and pipeline construction for a number of years, and having subcontracted out the curb and sidewalk work, Alberto made the decision to add a slipform machine to Entrench's arsenal and perform the concrete work themselves. After talking with a competitive manufacturer who couldn't deliver a machine in Alberto's timeframe, he brought Freddie Montes, his general manager, to the Power Curbers booth, where they met Regional Sales Manager Steve Milam. Steve spent one-on-one time with them, walking them through the entire slipform process and answering all their questions. Freddie even hopped up the ladder of a 5700-C with a broken leg in a cast!

"From the moment we met Mr. Milam at ConExpo, we felt comfortable with him. He was straightforward with information, was very informative, and was never pushy. We never felt as if we were dealing with a used car salesman, as is often the case when we are buying a new piece of equipment," wrote Alberto in a letter to the Power Curbers Management Team. "He kept his word to us. The molds were made and shipped on time and the Power Curber was delivered as promised, when promised."



When Entrench's factory-rebuilt 2006 5700-Super-B was delivered to their jobsite in Midland, Texas, Power Curbers Regional

Service Manager Steve Carlton was there to provide hands-on training to get the Entrench crew up and running. "What a true asset you have with Steve Carlton. It was a great pleasure working with him," Alberto's letter says. "The training and knowledge he shared with us was invaluable. His patience and the professionalism he demonstrated with my crew was admirable. It is obvious he is a Power Curber expert and it gives me great comfort knowing that we can count on his experience and assistance if and when we need it."

"After dealing with Mr. Milam and Mr. Carlton, I can tell you that buying any machine other than a Power Curber is no longer a consideration. You have earned a lifetime customer of Power Curbers," Alberto wrote. "The type of service your staff has provided Entrench is a rarity in today's world and I want to compliment you for having such a superior, honest, and professional staff. Extraordinary customer service and commitment like this is uncommon and yet Power Curbers is excelling in this area!" 

**"I can tell you that buying any machine other than a Power Curber is no longer a consideration. You have earned a lifetime customer of Power Curbers."**

## Service School 2014

The training facility at the Power Curbers headquarters in Salisbury, NC, was a hub of activity for two weeks in February during the company's annual Service School. Sixty owners, operators, and mechanics from 28 different companies attended classes for the 5700-B, 5700-Super-B, and the current model 5700-C.

**"The class I took in Salisbury was the best class ever for me – right amount of class and hands-on work."**

Classroom sessions were taught by factory specialists on topics including machine operations, safety, maintenance, and troubleshooting. Students also participated in hands-on training for hydraulic maintenance and troubleshooting the electrical system. "I have been in this business 30 years. The class I took in Salisbury was the best class ever for me – right amount of class and hands-on work," said Michael Trainor, paving superintendent for Barriere Construction in New Orleans.

Attendees also had the opportunity to meet members of the Power Curbers team from product support, manufacturing, sales, and marketing, and were able to sit down with the engineering team to ask questions and share ideas about machine design. Tours of the manufacturing facility were also offered.

Classes are offered during the winter season when customers are better able to take time away to attend. For more information on Service School, contact Power Curbers Product Support.



## Service School Goes Down Under

Nearly 30 people attended the second Power Curbers Conference at the Crowne Plaza Surfers Paradise along Australia's Gold Coast in January 2014. The conference, which drew attendees from Australia and New Zealand, focused on maintenance, safety, and problem solving, including live demonstrations of machine operation and 3D stringless technology.

Attendees learned about concrete technology, compliance and design, and safety from experts in the field, and also enjoyed question and answer sessions with members of the Power Curbers Product Support Team. Representatives from concrete suppliers were also on hand to share their slipforming experience and how Power Curber owners can best communicate their needs to concrete batch plants.

Perhaps the highlight of the conference was the visit to a job site to watch the Power Curber 5700-C equipped with TopCon's 3D Millimeter system pouring curb without the need for stringline – even in a tight radius.

The attendees also enjoyed the opportunity to network with others in the slipforming industry and to learn from each other during the conference. Those who attended also enjoyed social events, such as dinners, shows, and a golf outing together.

Aran Australia, the Power Curbers dealer for Australia and New Zealand, organized and presented the conference in partnership with Power Curbers Product Support.

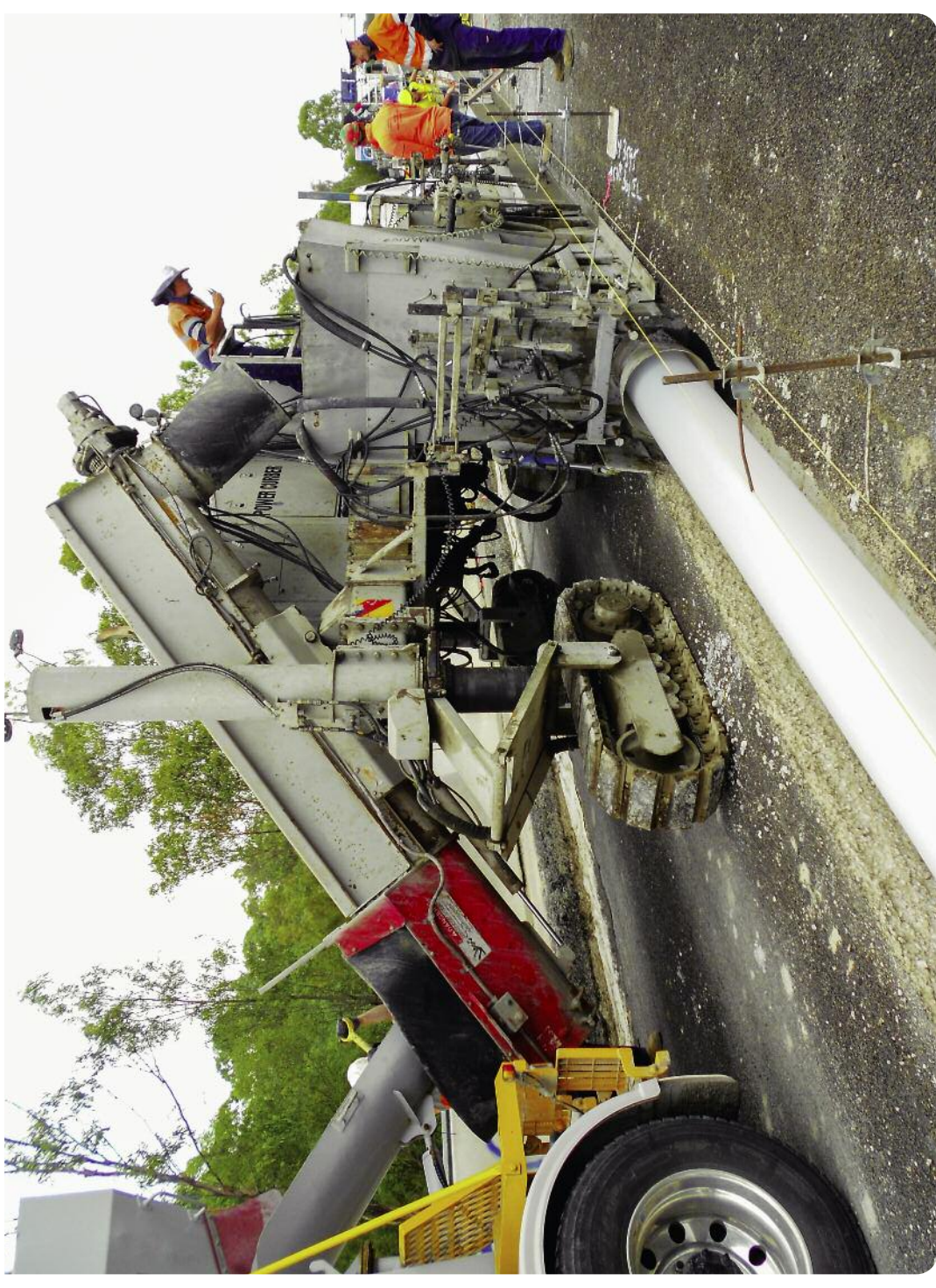


# POWER CURBERS POWER PAVERS PROFILES

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Power Curbers, Inc.

## Going with the Flow



# 2014

## TRADE SHOWS

**BE SURE TO VISIT US AT THESE UPCOMING SHOWS:**



**ConExpo Russia at CTT 2014**  
 June 3-7, 2014  
 Crocus International Exhibition Centre  
 Moscow, Russia



**Concrete Show South America**  
 August 27-29, 2014  
 Centro de Exposições Imigrantes  
 São Paulo, Brazil