

# EXCERPT



## **Concrete Sawing & Drilling Association**

### **2010 CSDA ROUNDTABLES**

Applications of Automation  
in the Concrete Cutting Industry

**CSDA 2010 Convention and Tech Fair**  
**Coronado, California**  
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CONCRETE SAWING & DRILLING ASSOCIATION  
13577 Feather Sound Drive, Suite 560 • Clearwater, FL 33762  
Tel: 727-577-5004 • Fax: 727-577-5012  
[www.csd.org](http://www.csd.org)

**CSDA ROUNDTABLE:**  
**APPLICATIONS OF AUTOMATION IN THE CONCRETE CUTTING INDUSTRY**  
**CSDA 2010 CONVENTION AND TECH FAIR**

**Moderators:** Todd Forbush  
DITEQ Corporation  
Mason, Ohio  
Tel: 816-820-3634 / email: tforbush@diteq.com

Tim Beckman  
Cutting Edge Services Corp.  
Batavia, Ohio  
Tel: 513-388-0199 / email: beckman@cuttingedgeservices.com

### **Introduction**

**Todd Forbush:** The use of automation in the concrete cutting industry, not discounting other applications and non-concrete cutting including stone, asphalt and metal, is nothing new, but the techniques for automation are certainly more advanced and offer more value than in the recent past.

**Tim Beckman:** We need to be sure that the people who have the best concrete cutting skills can apply these skills the most efficiently and for the longest period of time. Using automated equipment allows the operator to focus more on the technical aspects of cutting than on the physical strain of his or her exertion to do the work. We've outlined four questions and we may have time to do more.

**Forbush:** We'll give you 15 minutes to discuss the first question, which is:

### **Question 1 – What types of automated systems does your company use in the field today? If none, what have you considered using or would be helpful?**

**Doug Walker (Table 1):** We have a variety of, mostly hicycle and hydraulic of wall saws that have auto-feeds, core drills that have auto-feeds, wire saws that have auto-feeds. We did talk about a Brokk that is a auto-robotic type deal. So that's what we have, equipment-wise.

**Todd Pejakovich (Table 3):** We discussed the same. Remote control wall saws, wire saws and demolition robots. What we considered for the future, would be a tracking system on a flat saw. Also, an automated vacuum system to follow the flat saw, surround your core drill.

**Bennett Jones (Table 6):** Basically we talked about some of the same things there, the fully remote wall saws, auto-feed core drills, wire saws. We didn't come up with any new ideas.

**Jim Dvoratchek (Table 5):** In addition to what they had, we also had blade stops and water stops on walk-behind saws. Then there was some talk about solar panels and things like that for green energy. . . .

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