

**PIRTEK Sterling Heights
Assists in the Production of
Portable Modular Conveyors**



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PIRTEK Sterling Heights Assists in the Production of Portable Modular Conveyors made by E2 Systems, LLC

PIRTEK Sterling Heights, owned by Eli Dorfman, is the third Center in the Detroit Metropolitan area and the newest location to the growing network of Hose Service Centers in the US. They recently contributed to the production of portable modular conveyors made by E2 Systems, LLC.

Owner of E2 Systems and inventor, Michael Evangelista designed the Portable Modular Conveyor as a quick, easy and dependable way for construction companies to place concrete in front of a Slip Form Paving Machine. The Portable Modular Conveyor is designed to attach to any front-end wheel loader 2.5 cubic yard capacity and larger, which is equipped to accept hydraulic attachments. The conveyor is operated from inside the cab of the machine using the hydraulic controls and power from the wheel loader. A third valve option is required in the hydraulic system since the conveyor is propelled in the same manner as a broom attachment. The low torque hydraulic motor of the belt conveyor requires a pump feed of approximately 40 gallons per minute. The speed and power of the belt is related to the size of the loader.

Evangelista was in need of a reliable hose company that could assist him with a com-



plete custom installation of all the hydraulic tubing, hoses, adapters, valves and brackets needed to operate the attachments. Evangelista was referred to PIRTEK by a customer in the Detroit area, who already had an on-going relationship with PIRTEK. After contacting PIRTEK Sterling Heights, he was immediately connected with the General Manager, Oliver Romano. Romano, who is a long time veteran in the fluid power industry, spent time with Evangelista reviewing the design of the machine. They soon determined the schematics of the hose and tubing didn't match requirements of the equipment. Because of the machine's unique design, the

necessary tubing and hoses were run in between the conveyor belt making it very complicated to insure that the moving parts did not interfere with the belt.

Romano brought two PIRTEK Mobile Sales and Service Technicians, Rick Martin and Matt Merisino to the customers' fabrication shop to begin hose and pipe installation. After working many hours on the first conveyor, working out all the kinks and documenting the changes, the first portable modular conveyor was completed, tested and successfully operating. After all was said and done, E2 Systems had four machines to plumb up, which took 32 hours of labor for the two technicians.

"I contribute a lot of this machine's success to the expertise and customer dedication of the PIRTEK staff," says Evangelista. "I appreciate the hard work and innovation that Oliver and his team provided and I will continue to use their top-notch service. I know I can count on them to help me solve any problems that may arise."

To learn more about E2 Systems and the Portable Modular Conveyor visit their website at www.materialplacer.com or e-mail Michael at mike@materialplacer.com.

