

MKT Newsletter

April 29, 2016

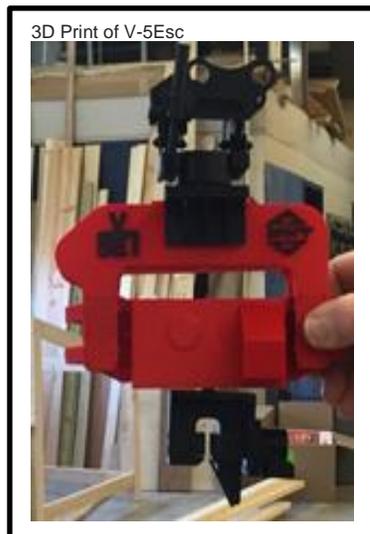
Volume 5

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GETTING TO KNOW THE MKT/MVE TEAM

MKT Manufacturing partnered with a local high school to produce a 3D printed model of the V-5Esc system to take to trade shows. The students used it as a project in their Industrial Arts class, which gave us a sales tool and gave them a real world project that they were excited about. The model is in pieces that can be added and removed with the use of magnets to show the equipment's versatility from crane hung to full side clamp system complete with rotating Rototilt. We plan to take it to the PDCA show in New Orleans in May, stop by and check it out.

Darin Werts, Hunter, Molly, Peyton, and Zach from North Greene High School



Francisco Barrera



Francisco Barrera is celebrating 30 years with MKT; he started in April of 1986. Francisco started as a welder and moved into assembly of MKT equipment. Francisco's experience makes him a valuable part of the MKT team. Francisco and his wife Rita have 3 children. In his spare time Francisco enjoys watching Cardinals baseball, working in his garden and playing music with his son.



Our next newsletter will be out in October 2016. If you'd like to include a story or information in our next newsletter, please submit to Amie Beckwith @ abeckwith@mktpileman.com by September 30, 2016.



Excavator Lead System

This winter MKT fabricated a new Excavator Lead System (ELS) for Company Wrench and mounted it on one of their Kobelco SK500 excavators.



With the addition of the ELS to Company Wrench's fleet, they now have the ability to market the HVA-40 & HA-18 augers, D-19 & D-30 diesel hammers, and vibratory hammers up to the V-22 size, with only an excavator.

Last Fall MVE's Landscaping and Front Entrance to the building got a fresh new look!



News from the Factory

This summer MKT will take another step forward in the evolution of its Excavator Side Clamp product line. MKT has begun production of the brand new V-8 Excavator Side Clamp system. The V-8Esc will utilize four eccentrics and a direct drive gear mesh. Direct driving the system allows MKT to reduce the excavator flow requirement needed to run the hammer efficiently and creates a smaller profile for the exciter case. Thanks to new design improvements, the V-8Esc should come in at a weight lower than the V-5 while having a substantially higher driving force all while maintaining the robustness and resiliency MKT side clamp products have been lauded for over the years. Another exciting feature to note is the V-8Esc will utilize Rototilt's new R8 model that allows for full 360° rotation of the hammer. The initial V-8Esc has been designed as an excavator only vibratory, however after the initial design has been proofed, MKT will develop a separate crane hung suspension.

Specifications

- Driving Force: 80 tons
- Frequency: 2,250 cpm
- Eccentric Moment: 1,100 in-lbs.
- Amplitude: 1/2 inch
- Weight: 9,000 lbs*
- Flow requirement: 55 GPM*

*Indicates an estimated specification. Exact values will be determined upon final testing.

