

Kraft Upgrades ATI Controls

Better controls offer better operation and communication



ATI PD84 UTS

ATI Corporation manufactures the Level Best Grading Products that automatically grade concrete subgrade, athletic fields, golf courses, equestrian riding arenas, parking lots, and general excavation sites. It can perfectly excavate a level,

single-slope, or a dual-slope 2D pad, or the more complex 3D challenges found in today's modern construction applications.

Challenge

ATI was looking for a solution to control grading box functions manually without the use of machine control systems. They also wanted to better communicate with the control boxes to enable automatic commands. The controls needed to work independently and in conjunction with several different brands of control systems.

Solution

Kraft recommended a Danfoss Plus+1 Joystick and ECM combination. The JS6000 Joystick gave ATI all the manual operating functions they needed and allowed their operators to override the automatic controls. By incorporating that with the Danfoss ECM, this allowed ATI to integrate their Electripak machine-specific harnesses as a solution as well. Now ATI Corp's customers use the Danfoss Joystick or their Loader's Joysticks to control the *Level Best* attachments with ease.

Results

The Kraft solution allowed ATI to make the grading box function more efficient, especially the precise and fast operation of the Danfoss PVG32 valve system. The productivity gains in the new machine have pleased ATI customers making it more profitable to operate.

HIGHLIGHTS

CLIENT NAME

ATI Corporation

LOCATION

New Holland, PA

PROFESSIONAL SERVICES

- Engineering & Software Design
- Field Sales
- Application Field Testing

EQUIPMENT SPECIFIED

- Danfoss PVG32
- Danfoss PLUS+1
- Danfoss Joysticks
- Harnesses

RESULTS

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CLIENT QUOTE

"The solutions that Kraft Fluid Systems provided have allowed us to make our customers more productive and therefore more profitable. Their success has increased our sales and keeps us at the forefront of interfacing with the leading machine-control technology."

-Dale Sensenig
Level Best Specialist
ATI Corporation