



# DIGITAL VIDEO CAMERA

Plate Alignment Tool with Automatic and Manual Modes

Messer Cutting Systems Digital Video Camera can be added to any machine for the operator to use as an alignment tool and to monitor the cutting process. In **manual mode** the operator can simply turn the crosshair "on" and capture 2, 3 or 5 points along the edge(s) of the plate to align the part program to the same angle as the plate. Turn the crosshair "off" for an unobstructed, glare-free view of the cutting process. The image is displayed on the LED screen of the Global Control monitoring machines that are wide and/or long so the operator gets a "birds-eye view" without leaving the operator panel.

The optional **automatic mode** allows the video camera to automatically detect the edge(s) of the plate and locates the corner, saving time and with more accuracy than a typical laser pointer. Additionally, the video camera can capture the rectangular size of a plate and then use this information to cut it into smaller pieces.

## FEATURES AND BENEFITS

- **Setup time may be reduced as much as 50% over manual alignment using a standard laser pointer.**
- **Captures the rectangular size of a plate and then cuts it into smaller pieces.**
- **More accurate than a laser pointer resulting in less scrap.**
- **Streaming video or still photos aids in the diagnosis of failed parts, consumable life issues, edge quality, etc. over the Virtual Service™ (remote diagnostics) link.**

## APPLICATION

The digital video camera is available on all machines except for the MetalMaster 2.0.



The Global Control<sup>S</sup> displays video image of the crosshairs cornering the plate for alignment and nesting.

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