

Machine Tool Accuracy

KANO HD 510

TRUE UNITIZED MACHINES

KANO HD 510 unitized CNC cutting machines begin with heavy-duty steel plate and tubular steel welded machine frame. After welding, gantry beams, end trucks and frames are stress relieved. Then, all mating surfaces are machined on a high precision 5-axis mill in a single setup. Linear ways and precision gear rack are attached directly to machined surfaces. All mating surfaces between the gantry beam and end trucks are machined and keyed to insure precise alignment.

PROVEN ACCURACY

KANO HD 510 accuracy is built-in. We deliver machine tool accuracy. And, we use laser interferometers to prove it. Non-compensated motion accuracy of KANO HD 510 is measured per ISO 230-2 over a 60" x 60" area. Bi-Directional Positional Accuracy is +/- .004" and Bi-Directional Repeatability is +/- .001".

