

Experience the Precision



▶ parkindustries.com

Machine Tool Accuracy

TRUE UNITIZED MACHINES

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

PROVEN ACCURACY

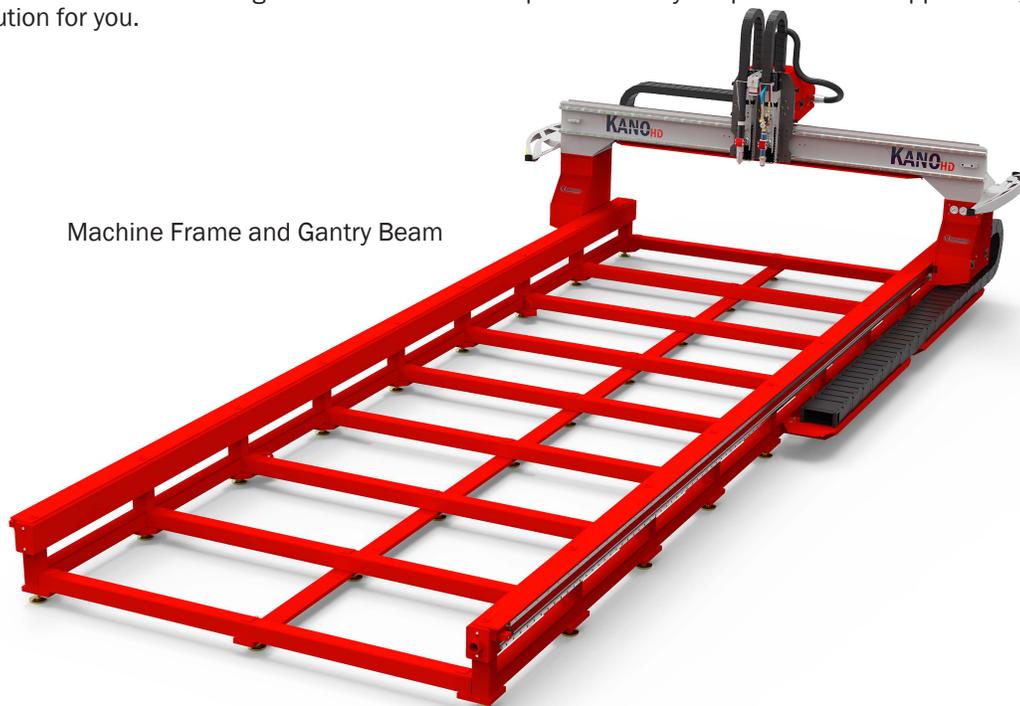
KANO HD accuracy is built-in. We do not use shims or jack screws to adjust machine components into straightness. Our beams and machine frames must be exactly correct as they come off the mill or they go back to be re-machined. We deliver machine tool accuracy. And, we use laser interferometers to prove it. Non-compensated motion accuracy of KANO HD is measured per ISO 230-2 over a 60" x 60" area. Bi-Directional Positional Accuracy is +/- .004" and Bi-Directional Repeatability is +/- .001".

CUTTING TABLES INDEPENDENT OF THE MACHINE FRAME

Fact. Heat makes metal expand. So, our cutting tables are independent from the machine frame. KANO HD cutting tables rest inside the machine frame with ample room to account for thermal expansion. Our design eliminates the possibility that thermal expansion from cutting processes will affect machine accuracy.

CUTTING TABLES STYLES

Thermal metal cutting processes create significant amounts of harmful fumes. Capturing these fumes is critical to providing a safe working environment. Park Industries offers innovative, efficient cutting tables designed for ease of use, convenience, and operator safety. KANO HD machine frames will accept a water table, a zoned down draft air table and our unique TracKlean self-cleaning air table with AirSweep. Whatever your preference or application, we have a cutting table solution for you.



Machine Frame and Gantry Beam