High Load/Washdown X & Z Axis System

Special features common to both Slides
1. Washdown/decontamination solution = 30% Hydrogen Peroxide
2. All aluminum parts are ceramic coated
3. Lead screws- 303 stainless steel, 200" RH lead, with radiused crest & root threads, X- = 1.500 Dia., -Z- = 1.000 Dia. Lead Nuts- double, pre-loaded, zero-backlash type.
4. Stainless Nut bodies with cast polymatrix threads
5. Lead screw angular contact, ball ball bearing, journals protected by PTFE, rotary seal cartridges.
6. All fasteners i.e. screws, nuts, lock washers, snap rings, etc. are Stainless Steel

Special features specific to X Axis - Horizontal Slide
1. Shafts: 1.500 Dia. x 117" long, fully supported 303 stainless assemblies, with hard chrome plating
2. Special washdown, "Minuteman" PTFE Linear, Self-lube Bearing, Open Pillow Blocks.

Special features specific to Z Axis - Vertical Slide
1. Substantial over-turning moment tooling load.
2. Linear Motion Bearing Elements all stainless steel
A. High Load Monorace Assemblies - Six rollers per side = twelve total
B. Two Mating formed female/internal guide tracks mounted to trap stainless steel stiffeners.

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