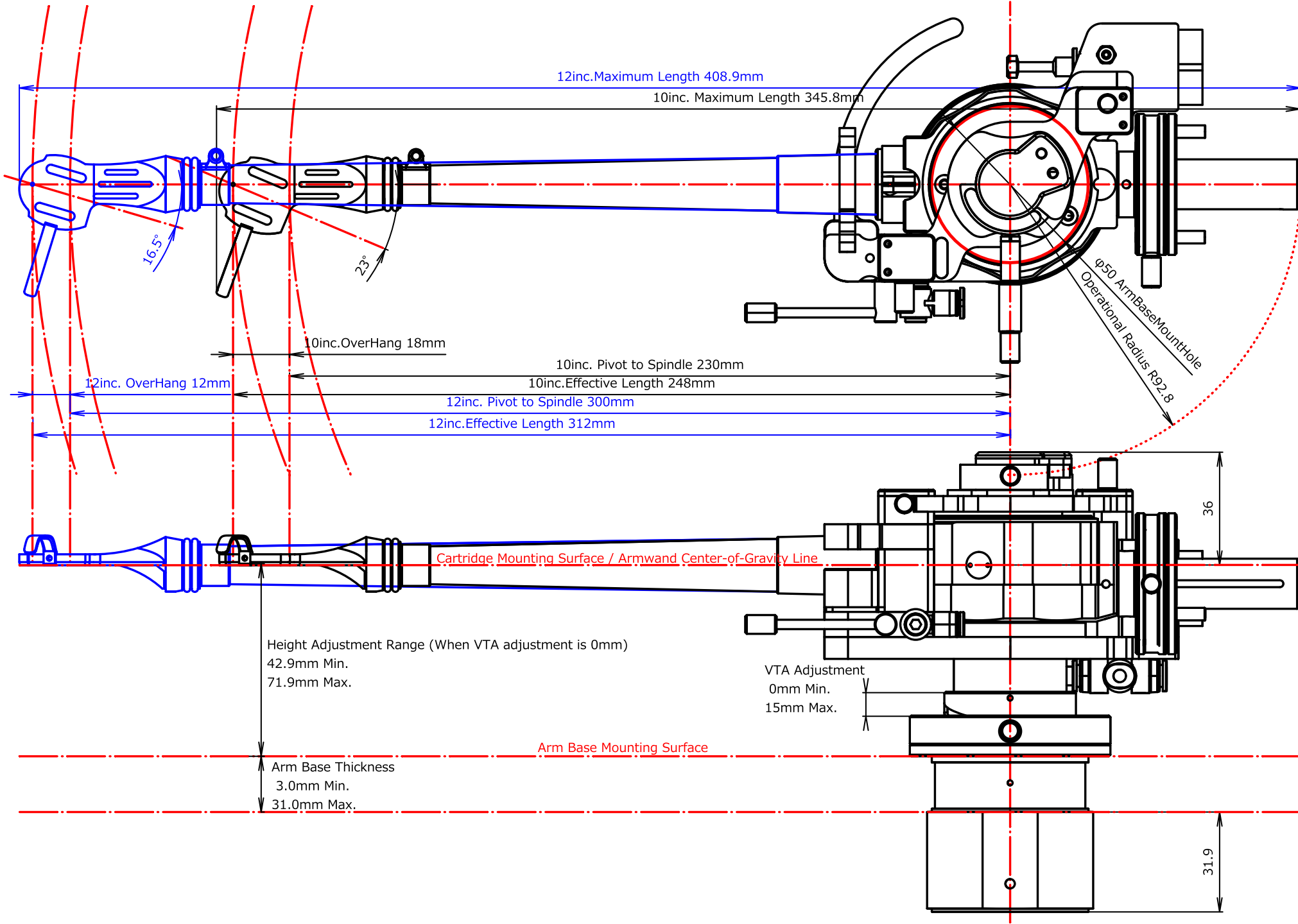


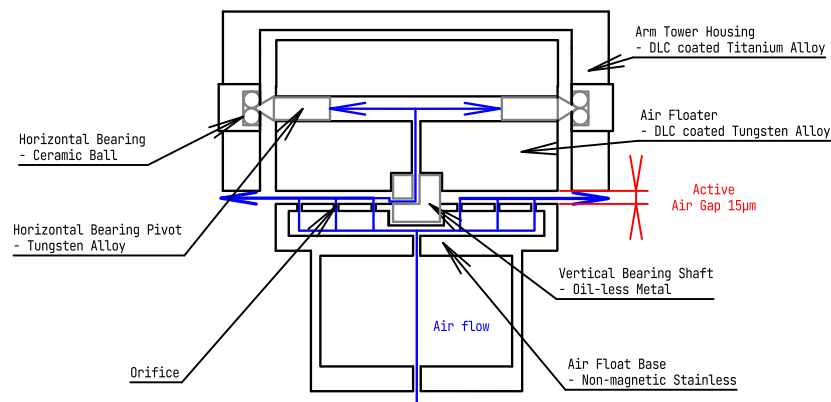
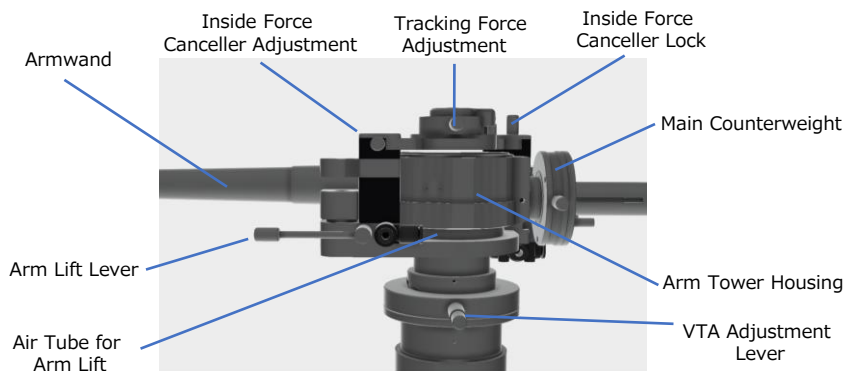


## The all new Air Force 10 tonearm

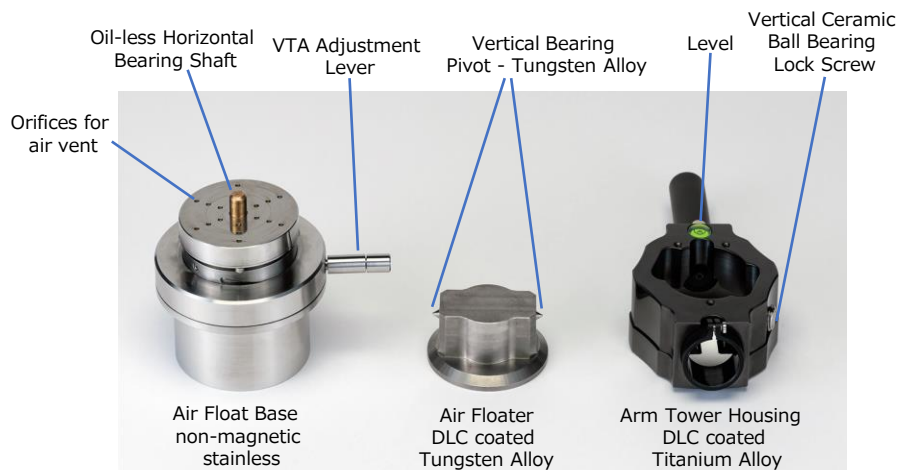
TechDAS Air Force 10 tonearm incorporates a culmination of innovative vacuum hold-down and air bearing technologies, which were originally developed for TechDAS Air Force turntables. Additionally, it draws upon our extensive expertise in precision machining, particularly with titanium and tungsten materials.

After dedicating nearly three years to the development and design of this new tonearm, we are thrilled to present a product that features an exceptionally smooth and precise motion, thanks to the advanced air bearing technologies. This breakthrough enables the faithful reproduction of even the most subtle details embedded within the grooves of vinyl records, immersing you in an unparalleled “you-are-there” feeling and experience. Furthermore, the tonearm’s revolutionary arm tube and main body benefit from the exceptional damping characteristics of the exotic materials and finishes used in their construction. This damping capability ensures ultimate silence and faithfully conveys every piece of information captured by the cartridge, delivering an audio experience of unmatched quality.





Air Force 10 Tonearm Horizontal Bearing & Vertical Air Bearing



## ◆ BEARING MECHANISM

Horizontal: TechDAS Air Bearing Float System

Vertical: Tungsten Pivot and Ceramic Ball Bearing

## ◆ ARM TUBE/ HEAD SHELL

Hybrid two layer structure

Outer: Magnesium alloy with DLC coating

Inner: CFRP (Carbon Fiber Reinforced Plastics)

## ◆ TONEARM LIFTER

TechDAS Vacuum Force Lift System

Continuing with our theme of developing air force technologies, we went one step further with a new TechDAS Vacuum Force Lift System which holds a spring under constant vacuum. If there is a sudden power loss from the mains system supplying power to your listening room, the spring will automatically lift the Air Force 10 arm from your record.

## ◆ TRACKING FORCE ADJUSTMENT

Spring pressure dynamic balanced

## ◆ INSIDE FORCE CANCELLER

Spring Pressure

## ◆ ARM MOUNT

TechDAS Helicoid Height Adjustable Mount

## ◆ OUTPUT

DIN 5pin Output Connector (Phono cables not included)

## ◆ AVAILABLE LENGTH

10 inch and 12 inch

## ◆ TONEARM WEIGHT

2.3kg

## ◆ EXTERNAL AIR SUPPLY UNIT

One pump system for intake and exhaust

Weight: 14 kg

Size: 430x390x144mm(WxDxH)

## ◆ SPECIFICATIONS

### 【10 inch】

Pivot to Spindle:	230mm
Effective Length:	248mm
Overhang:	18mm
Offset Angle:	23degrees
Inner Offset:	96.9mm
Inner Null Point:	68.9mm
Outer Null Point:	124.9mm
Maximum Error:	1.4 degrees
Maximum Distortion:	0.95 %
Average RMS distortion:	0.39%

### 【12 inch】

Pivot to Spindle:	300mm
Effective Length:	312mm
Overhang:	12mm
Offset Angle:	16.5 degrees
Inner Offset:	88.61mm
Inner Null Point:	66.07mm
Outer Null Point:	111.16mm
Maximum Error:	1.84 degrees
Maximum Distortion:	0.63 %
Average RMS distortion:	0.29%

**Stella Inc.**

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