Purchasing Bids

Motion Tracking

Specifications:

1. Quote includes: Wireless Motion tracking system + tracking software + calibration system + 100 markers
2. Less than 5ms latency,
3. Greater than 200 frames per second (fps)
4. Suitable for 8 rigid bodies in a 20’x20’x9’ arena (usually 12 Cameras)
5. Extensible (option to add more cameras later)

Potential vendors:

<https://www.naturalpoint.com/optitrack/>

<http://www.qualisys.com/>

<http://www.vicon.com/>

Call them today!

Purchasing Mill + Lathe + accessories

[8600/8620 - Ultimate CNC Machine Shop](https://www.sherlinedirect.com/index.cfm?fuseaction=product.display&Product_ID=190&CFID=43332003&CFTOKEN=56656251)

|  |
| --- |
| $5,045.00 |

UPS/FedEx ground – 5-7 business days coast to coast

Sherline's Model 8600/8620 Ultimate CNC Machine Shop can now be ordered complete with CNC-ready lathe and mill plus the stepper motors, computer, software, and cables to run them. The system includes a CNC-ready 4400 deluxe 3.5" x 17" lathe with two stepper motors, a CNC-ready Mill (5400-inch, 5410-metric, 2000-inch, 2010-metric) with three stepper motors, a P/N 8730 rotary table with stepper motor (for use as a 4th axis on the mill) and the computer, 4 drivers, power supply, software, and cables to run either the mill or lathe one at a time. Handwheels on the rear shafts of the stepper motors also allow manual control. The photo shows the mill, lathe, and computer, while the inset photo shows the accessories included with the package. You can learn more about the Sherline CNC system by viewing the [8540 Mill system page](http://www.sherline.com/8540pg.htm" \t "_blank)

Included with the package are all these items:

* 1040 3.1" 3-jaw chuck
* 1069 3/8" Jacobs drill chuck
* 3072 1/4" Jacobs drill chuck
* 1074 Steady rest
* 1191 Live center
* 3002 Cutoff tool and holder
* 3007 3-piece HSS 1/4" cutting tool set
* 1297 Headstock spacer block (with 8600 pkg. only)
* 3013 Step block hold-down set
* 3052 Fly Cutter with carbide tool
* 3054 Boring head
* 3060 3-piece end mill set w/ drawbolt
* 3063 Boring tool
* 3079 3/8" end mill holder
* 3551 Milling vise
* 8730 4" CNC rotary table with stepper motor
* 3750 Tilting angle table
* 7401 6-pc. 3/8" Shank End Mill Set
* 3020 Sherline 5/32" hex T-driver
* 3021 3-piece center drill set
* 5327 *Sherline Accessories Shop Guide* book
* 5330 Safety glasses

This package is available with your choice of either the 5400 mill (5410 metric) or our top-of-the-line Model 2000 (2010 metric) 8-direction mill.

5400 has 2 inches more travel than 5000

The 2000-series mill base has been extended an additional 2" over the Model 5400/5410, extending the Y-axis travel to 7.0"

The Magnetic Dry Erase Board is laminated to ¼” thick hardboard with a galvanized steel sheet backing and factory framed with an anodized aluminum contemporary frame

[**Magnetic Dry Erase Board 4' x 6' White Enamel coated steel Whiteboard surface with Satin Finished, Anodized Aluminum Frame and Tray 48" x 72"**](http://www.pegasusav.us/magnetic-dry-erase-board-439-x-639-white-enamel-coated-steel-whit439639.html)

~~Regular Price $300.00~~

**Sale price: $225.00*Save 25%***

[**Magnetic Dry Erase Board 4' x 5' White Enamel coated steel Whiteboard surface with Satin Finished, Anodized Aluminum Frame and Tray 48" x 60"**](http://www.pegasusav.us/magnetic-dry-erase-board-439-x-539-white-enamel-coated-steel-whit439539.html)

~~Regular Price $285.00~~

**Sale price: $185.00*Save 35%***

[**Projectionable Magnetic Porcelain Steel Dry Erase Whiteboard with Satin Finished, Anodized Aluminum Frame and Tray 48" x 60" (4' x 5')**](http://www.pegasusav.us/projectionable-magnetic-porcelain-steel-dry-erase-whiteboard-with-sati1.html)

~~Regular Price $405.00~~

**Sale price: $245.00*Save 40%***

THIS ONE! Get 2!

[**Projectionable Magnetic Porcelain Steel Dry Erase Whiteboard with Satin Finished, Anodized Aluminum Frame and Tray 48" x 72" (4' x 6')**](http://www.pegasusav.us/projectionable-magnetic-porcelain-steel-dry-erase-whiteboard-48.html)

~~Regular Price $450.00~~

**Sale price: $265.00*Save 41%***

[**Pegasus Projectionable-Magnetic Anti-Glare Glass Marker Board Low Gloss White surface 48” x 72” – Anti-Glare Glass Whiteboard Fingerprint-Free 4’ x 6'**](http://www.pegasusav.us/pegasus-projectionablemagnetic-antiglare-glass-marker-board-44872.html)

~~Regular Price $550.00~~

**Sale price: $385.00*Save 30%***

[](http://www.pegasusav.us/pegasus-projectionablemagnetic-antiglare-glass-marker-board-44872.html)

[**Pegasus Projectionable-Magnetic Anti-Glare Glass Marker Board Low Gloss White surface 48” x 72” – Anti-Glare Glass Whiteboard Fingerprint-Free 4’ x 6'**](http://www.pegasusav.us/pegasus-projectionablemagnetic-antiglare-glass-marker-board-44872.html)

~~Regular Price $550.00~~

**Sale price: $385.00*Save 30%***

<http://www.pegasusav.us/antiglare-glass-magnetic-low-gloss-fingerprintfree-marker-boards.html>

Quartet’s version: Quartet Porcelain Whiteboard, 4 x 6 Feet, Aluminum Frame (PPA406) (very thin… not great)

|  |  |
| --- | --- |
| Price: | $260.96 & **FREE SHIPPING** |
| You Save: | $147.03 (36%) |

**Note:** Not eligible for Amazon Prime.

In Stock.

Ships from and sold by [OFFICE CHASE CORP.](http://www.amazon.com/gp/help/seller/at-a-glance.html?ie=UTF8&seller=A21QFZ14IKTLSJ).

* Versatile steel-backed magnetic surface doubles as bulletin board
* Hanging system and kit included, guaranteeing easy and accurate installation
* Modern, anodized aluminum frame complements contemporary classroom environments
* Includes full-length marker rail
* Satin-finish wraparound construction

<http://www.lowes.com/pd_538510-55738-3DSSWM2013_4294857657__?productId=50109238&Ns=p_product_qty_sales_dollar|1&pl=1&currentURL=%3FNs%3Dp_product_qty_sales_dollar%7C1&facetInfo=#BVRRWidgetID>

**.3 / 5**

**Kobalt 36-in 3-Drawer Wood Work Bench**

Item #: 538510 |  Model #: 3DSSWM2013

http://lowes.ugc.bazaarvoice.com/static/0534/openRatingsHistogram.gif

**[16 reviews](http://www.lowes.com/pd_538510-55738-3DSSWM2013_4294857657__?productId=50109238&Ns=p_product_qty_sales_dollar|1&pl=1&currentURL=%3FNs%3Dp_product_qty_sales_dollar%7C1&facetInfo=" \l "BVRRWidgetID" \o "Read all reviews)**

**|**

**[Write a review](javascript://" \o "Write a review)**

**$229.00**New Lower Price

Was: $299.00

Save 23%

<http://www.lowes.com/pd_484712-55738-3DPCWB2013_4294857657__?productId=50109236&Ns=p_product_qty_sales_dollar|1&pl=1&currentURL=%3FNs%3Dp_product_qty_sales_dollar%7C1&facetInfo>=

199, in black

[](http://www.homedepot.com/p/Husky-46-in-9-Drawer-Mobile-Workbench-with-Solid-Wood-Top-HOTC4609B1QBD/203859406?N=5yc1vZc898)[**QUICK VIEW**](http://www.homedepot.com/p/qv/203859406)

**$239.00**Was  ~~$279.00~~ Save 14%

[Husky 46 in. 9-Drawer Mobile Workbench with Solid Wood Top](http://www.homedepot.com/p/Husky-46-in-9-Drawer-Mobile-Workbench-with-Solid-Wood-Top-HOTC4609B1QBD/203859406?N=5yc1vZc898)

Quote for laser cutter: he recommends a different “boffa Filter’.. Total quote is 17,600, has an air assist that isn’t needed usually (1/2 acrylic should use it)

Tube lasts 3-6 years, belts and bearings are consummables (300-500 a year)

Filter at 4 hrs per day, replace every 6 months (500 for filter)