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### 3 axis DRO Axis Linear Scale Kits Mill Seig X3

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## BRAND NEW 3 axis DRO + 3 AXIS LINEAR GLASS SCALE Kit Specially Designed for the Sieg Super X3 Milling Machine.

You are bidding on this high quality, complete Linear DRO kit which is CUSTOM DESIGNED for the Sieg Super X3 bench top Mill. This kit includes 9 pieces of custom hardware that make the DRO installation a snap on the Super X3 machine. The design of this kit makes installation easy, and allows the Scales to be aligned to a high level of accuracy and professional finish. The DRO unit comes with an extended display feature, which is a 3 x 8 segment display (some low cost units out there are 3 x 7 segment) which enhances the Super X3 Mill to a new advanced level.

This system is, by far, much more advanced when compared with other DRO units offered on the market. When buying other units, make sure to ask what hardware is provided with the DRO for installation. If you just get the large L bracket and a few screws, the installation on the X3/Super X3 will be a painful, unprofessional job. In some cases it is even impossible to align the install, which is very important. We are an in house machine shop and development team responsible for all our offerings. This high quality kit comes with a picture manual that shows you step by step how to completely install the DRO on the Super X3 (this is the DRO kit only. The milling machine pictured is not included in the auction).

Please refer to the pictures of our in house Super X3 Mill to see the professional quality of our installed kits (we also stock this unit in 220V)

This Kit is designed specifically for the Super X3, which allows not only an easy installation, but also the proper alignment of the scales, which is important for the longevity of the scales.

Note: This Kit is Toolssales' product and not offered by other ebay sellers. Please make sure you purchase this kits from ebay seller ID: TOOLSSALES

### Package Contents:

1 x Model 6800 Extended feature 3 Axis Digital Read Out Unit  
High Precision Glass Scales  
1 x WTB5-600mm, 1 x WTA-350mm, 1 x WTA-250mm  
3 x screw pack and spacer for DRO.  
1 x English Manual - Setup & Operation  
1 x Clear Plastic Dust Cover for DRO  
3 x Glass Scale Protective Cover  
1 x Swing Mounting Arm for DRO

*The basic linear scales include hardware to install on most other Milling machines, But this kit is CUSTOM DESIGNED for the Sieg Super X3. It includes the following parts in the package:*

1 x Z Axis Top Mounting block (Machined Aluminum parts w/ anodized black finish)  
1 x Z Axis Mill head adapter plate (Machined Aluminum parts w/ anodized black finish)  
1 x Z Axis Custom L bracket (cast Aluminum)  
1 x Y Axis Extension Plate (Machined Aluminum parts w/ anodized black finish)  
2 x Y Axis extension shaft (Steel)  
2 x Y Axis angle alignment block (Machined Aluminum parts w/ anodized black finish)

Without the above additional parts, installation will be a difficult task.

This Kit comes with the complete hardware listed above that makes installation a snap.

Complete picture installation instructions for the Super X3 guarantee that your installation will only require a few easy steps to complete. The only modifications required on the machine are to drill and tap 11 holes (4 holes on the X axis, 4 on the Y axis, 1 on the Z axis, and 2 for the DRO mount). The rest involves just attaching screws and adjusting the custom alignment mounting plates to align the scales.

### Features:

Dual System switchable, Imperial (inch) or Metric (mm)  
On Board Calculator  
Absolute/Incremental/SDM coordination system  
M/I: MM/Inches conversion  
1000 work piece zero position memory  
1/2 function, Part Centering  
PCD, Bolt hole circle  
Drilling hole in a oblique line  
Angular surface processing  
scaling  
9 Tool compensation on arc cut  
Linear error compensation function  
Rounding "R" function  
Power off memory

### Linear Scale Features:

High Precision Etched glass  
High Resolution : 1um (0.001mm) 0.00004 inch  
Signal : TTL SQUARE WAVE  
Grating pitch: 0.02mm (50LP/min)  
Cable length: Stainless steel tubing for ~ 3 Meter (about 9 feet)  
Diaphragm Membrane touch keys (Water/Coolant/Dust Proof)  
3x 8-Segment Green LED Display Windows  
Specification:  
Input Voltage: AC 85V ~ 250 V, 50 Hz ~ 60 Hz world voltage  
Power Consumption: 15W  
Input signal: TTL square wave.  
Frequency multiplication: 4x.  
Input signal frequency: <100KHz

For other lathes or mill machines, we also offer the following sizes of Linear scales, with either 0.001mm or 0.005mm resolution. Please email us for a quote.

**Metric: 120, 170, 220, 270, 320, 370, 420, 470, 520, 620, 750, 820, 920mm.**  
**Inches: 4.7, 6.7, 8.7, 10.6, 12.6, 14.6, 16.5, 18.5, 20.5, 24.5, 29.5, 32.3, 36.2 inches.**

**FedEx super fast shipping**

Our low cost super fast FedEx shipment will get your product to you in just a few days, insured.  
Please email us for shipping/handling costs to other locations.

Shipping is \$65 to USA, Canada/Australia need to send area code to confirm shipping, other countries please send email to confirm shipping.

**This product ships via FedEx**

**Store Policy:**

By placing your bid, you agree to follow our store policy below:

All purchases are final. We will replace defective products only.

Return package must be in the original packaging. Everything must be in new condition. Missing parts, hardware, documentation, or anything included in the original package will not qualify for any refund.

Unless marked in the auction, all products follow our 1 month warranty policy.

Defective items can be exchanged within 7 days of receipt.

Within the warranty period, all exchanges due to defects are free (Buyer is responsible for shipping charges).

Shipping and handling fees are NOT refundable in any case.

Customs duties are the responsibility of the buyer.

Replacements and refunds will not be processed until the return item is received.

Customer is responsible for correct address and receipt of the package. Customer is responsible for all shipping charges if the package is returned due to customer being unable to receive the package.

Please do not ask us to reduce the price or shipping and handling fee of the item after you have won the auction.

We are not responsible for wrong or undeliverable addresses. Customer is responsible for undeliverable FedEx package return fee and reshipping fee.



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