



# Southwestern Industries, Inc.

## White Paper

June 6, 2012

## Electrical Certifications

To help with sales in heavily regulated environments, we have provided for the engineering and the on-site inspection necessary to obtain ETI or CSA certification. The prices below are close to our costs. Use the information below to get started, but please call Sales Support to review the particulars for each order.

### Site visit fee

A significant part of the cost is for the agent from ETI or CSA to come to the factory to do the inspection and issue the certification. For orders with multiple machines, it is very likely for us to be able to reduce the price per unit to reflect an amortization of this fee.

### Knee mills and certification

For TRAK Knee Mills, it is necessary to get the flanged disconnect in order to get the certification, so the CERT-K3 kit does include that hardware. The single power source transformer is not necessary to get the certification. If both are desired, it will be necessary to order them both.

### Lathes and certification

For TRAK SX Lathes, it is not necessary to get single power source transformer to get the certification. If both are desired, it will be necessary to order them both.

### DPM Bed Mills and certification

The Electrical Certification includes the installation of a flange mounted disconnect switch and a single power source transformer. It is not necessary to order both.

Part No.	Description	Price
CERT-ELEC-1630	ETI or CSA Certification for 1630SX Lathe	\$1,859
CERT-ELEC-1845	ETI or CSA Certification for 1845SX Lathe	\$1,859
CERT-ELEC-2460	ETI or CSA Certification for 2460SX Lathe	\$1,859

CERT-ELEC-2470	ETI or CSA Certification for 2470SX Lathe	\$1,859
CERT-ELEC-K3 -220	ETI or CSA Certification for K3 Mill 220V	\$1,859
CERT-ELEC-K3 -440	ETI or CSA Certification for K3 Mill 440V	\$1,859
CERT-ELEC DPM2 W/TRANS	ETI or CSA Cert with Transformer	\$2,122
CERT-ELEC DPM3/5 W/TRANS	ETI or CSA Cert with Transformer	\$2,122
CERT-ELEC-FHM7	ETI or CSA Cert for FHM7 Mills	\$1,859

## Transformers

This option is for the installation of a transformer for a single power source. It does not include an electrical certification.

Part No.	Description	Price
TRANSFORMER-1630	TRANS SINGLE PWR SOURCE 1630,1630HS	\$798
TRANSFORMER-1845	TRANS SINGLE PWR SOURCE 1845	\$798
TRANSFORMER-2460	TRANS SINGLE PWR SOURCE 2460	\$798
TRANSFORMER-2470	TRANS SINGLE PWR SOURCE 2470	\$798
TRANSFORMER-DPM2P	TRANS SINGLE PWR SOURCE DPM2P	\$798
TRANSFORMER-DPM3/5P	TRANS SINGLE PWR SOURCE DPM3P/5P Mills	\$798
TRANSFORMER-FHM7	TRANS SINGLE PWR SOURCE FHM7	\$1009
TRANSFORMER-LPM	TRANS SINGLE PWR SOURCE LPM	\$2575

## Flange mount disconnect and transformer

This Knee mill option is for the installation of a flanged disconnect and transformer for a single power source. It does not include an electrical certification.

Part No.	Description	Price
FLANGE/TRANS-K3SX-220	Flanged disconnect and transformer-K3 220V	\$1061
FLANGE/TRANS-K3SX-440	Flanged disconnect and transformer-K3 440V	\$1061

The following table summarizes what needs to be ordered for the 3 following configurations:

	If you want:	If you want:	If you want both:
Model	ETI/CSA Certification only (order this)	Transformer Only (order this)	Transformer with ETI & CSA Certification (order this)
K3 - 220 volt	CERT-ELEC-K3-220 - \$1859	FLANGE/TRANS-K3SX- 220 - \$1061	FLANGE/TRANS-K3SX- 220 - \$1061 & CERT-TRANS-ETI/CSA - \$1859
K3 - 440 volt	CERT-ELEC-K3-440 - \$1859	FLANGE/TRANS-K3SX- 440 - \$1061	FLANGE/TRANS-K3SX- 440 - \$1061 & CERT-TRANS-ETI/CSA - \$1859
DPMSX2P	CERT-ELEC-DPM2P W/TRANS - \$2122	TRANSFORMER-DPM2P - \$798	CERT-ELEC-DPM2P W/TRANS - \$2122
DPMSX3P & DPMSX5P	CERT-ELEC-DPM3/5P W/TRANS - \$2122	TRANSFORMER-DPM3/5P - \$798	CERT-ELEC-DPM3/5P W/TRANS - \$2122
FHM7	CERT-ELEC-FHM7 - \$1859	TRANSFORMER-FHM7 - \$950	TRANSFORMER-FHM7 - \$950 & CERT-TRANS-ETI/CSA - \$1859
1630SX	CERT-ELEC-1630 - \$1859	TRANSFORMER-1630 - \$798	TRANSFORMER-1630 - \$798 & CERT-TRANS-ETI/CSA - \$1859
1845SX	CERT-ELEC-1845 - \$1859	TRANSFORMER-1845 - \$798	TRANSFORMER-1845 - \$798 & CERT-TRANS-ETI/CSA - \$1859
2460SX	CERT-ELEC-2460 - \$1859	TRANSFORMER-2460 - \$798	TRANSFORMER-2460 - \$798 & CERT-TRANS-ETI/CSA - \$1859
2470SX	CERT-ELEC-2470 - \$1859	TRANSFORMER-2470 - \$798	TRANSFORMER-2470 - \$798 & CERT-TRANS-ETI/CSA - \$1859

The CERT-TRANS-ETI/CSA marketing number is required on those machines that have a transformer and require ETI or CSA certification. It adds the price required for that certification and notifies our internal people that we need to arrange for the inspector to come to our facility.