

Matt Herd
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Bridgeport Retrofit Cost Estimate

Item	Price	Note	Bought?
VFD	\$282.00	Hitachi WJ200-015SF	Y
Gecko G203V	\$411.00	3X G203V	Y
Power supply	\$240.00	~70V, 20A, 24V, 12V	Y
240V to 120V Xformer	\$45.00	58V, 5.2A	Y
PC Interface Board	\$250.00	Pico Systems	Y
Spindle Control	\$50.00	Pico Systems	Y
DC SSR's	\$24.00	Pico Systems	Y
EPP Compatible Cable	\$25.00	Pico Systems	Y
Misc Relays, Fuses & Standoffs	\$185.00		Y
Mains Fuses x4	\$56.00	600V 30A x 4	Y
Wire (assorted)	\$220.00	18 AWG and 12 AWG	Y
Spindle Encoder	\$151.00		Y
Encoder Cable, 10'	\$22.60		Y
Trantorque Bushing	\$51.00		Y
Power Cabinet Filter, 10x10x1"	\$48.47	Case of 12	Y
Control Cabinet Filter, 25x19x1"	\$82.65	Case of 12	Y
Total	\$2,143.72		

Source
http://dealerselectric.com/item.asp?cID=28&scID=165&PID=1505
http://www.cncrouterparts.com/gecko-drive-g203v-micro-step-drive-p-130.html
http://www.antekinc.com/details.php?p=509
http://www.antekinc.com/details.php?p=119
http://pico-systems.com/osc2.5/catalog/product_info.php?cPath=4&products_id=30
http://pico-systems.com/osc2.5/catalog/product_info.php?cPath=4&products_id=28
http://pico-systems.com/osc2.5/catalog/product_info.php?products_id=6
http://pico-systems.com/osc2.5/catalog/product_info.php?products_id=9
Digikey, 60VDC, 5A and 120VAC, 5A relays and axial fuses in 100 mA, 2A, 4A and 5A, and Qty 6 #4-40x1" Male/Female standoffs
Your Local Electrician's Supply, part number depends on whether you use internal power cabinet switch or external mains disconnect switch
Suggest Waytekwire.com for spools of 100' in various colors & sizes
US Digital, E6 Encoder, 512 CPR, Index, Differential Output, with 5/8" Bore
US Digital, for standard 10 pin (differential output) wiring, 10' length
Fenner Drives, buy 5/8" shaft, 1" hub to fit spindle bore, which measures 1.031"
www.airfilterusa.com
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