Quote Total

AXYZ Calgary
4615
112 Avenue SE
Unit 417
Calgary AB T2C 5J3
Canada

Thank you for your interest in our CNC Routing Machines. I am pleased to provide the following quotation on the products and services you requested.

Specification

4010 Series with Vacuum Deck

60" x 120" process area, 6" Z axis clearance.

Single piece fully welded tubular steel base construction including leveling feet and caster wheels. Extruded aluminum table top with zoned vacuum and T slot clamping system. Dual rack & pinion drives on X axis with linear rails and bearings. Single rack & pinion on Y axis with dual profile linear slides and bearings. Z axis driven by ballscrew.

Tool Tip Sensor for fast and accurate setting of tool lengths. Machine toolbox with tools for basic machine maintenance.

Extended Gantry (Cantilever)

Extended Gantry lengths allow machining over the full width of the machine process area when utilizing wider carriages that accommodate multiple tools or when using automatic toolchange carousels. Extended gantries can also be utilized for custom cutting solutions where off the table material processing is required. Price shown is per 12.5"

1C - 1Z ATC 21G

Single carriage with single "Z" axis with 21 tool automatic tool changer. The innovative AXYZ Automatic Tool Changer provides an effective solution to running jobs requiring multiple routing tools. It is also capable of loading tools on multiple spindle machines from a single tool changer. Price includes extended length gantry and a total of 8 cups and 5 cones. An additional 3 cones are included with each HSD spindle.

Pictures for illustration purposes only
Actual machine specification is as defined in quotation text

10.8 HP Quick Release HSD Spindle

The 10.8 HP HSD Quick Release spindle incorporates high speed ceramic bearings for quiet operation and 4 pole construction to improve power output at low spindle speeds. A pneumatic quick release allows it to be operated manually or in conjunction with the ATC automatic tool changer. Spindle speeds can be varied up to 24,000rpm and tooling up to 3/4" shank diameter can be fitted. Includes 3 ISO 30 cones and covernuts.

Pressure Foot - High Capacity (fabricated)

The High Capacity Pressure Foot provides an efficient method of dust and swarf extraction to ensure a clean working environment. It can be connected with 2, 3, or 4 inch hose. With reasonable suction, these pressure feet have been tested to remove most of the dust from MDF cut at production cutting speeds. The High Capacity foot can also be fitted with brushes as required. Watch video

Pressure Foot - Bellows Seal

The bellows seal works with the High Capacity or the Universal 5Y pressure foot to enhance extraction in high dust environments. It promotes the generation of a cyclonic vortex within the pressure foot chamber and is effective on all types of materials.

Vacuum Arm - Pacer

The vacuum hose steel support arm effectively and conveniently provides a 'third hand' in supporting the dust extraction vacuum hose. It promotes workplace safety by eliminating the need for operator intervention in keeping the hose clear of the gantry. The mounting allows free rotation so the arm can follow the gantry for snag free, full process table operation. Dust hose is not included.

(208V-480V) 9HP/6.8KW Busch Mink Vacuum Pump MM1252AV with Starter

The Mink rotary claw pump is an ideal high performance solution for powerful vacuum hold down. It delivers a constant vacuum and is therefore suitable for use in a variety of applications on all AXYZ Series Routers. The Mink pump and can be run continuously if required. The non-contacting design of the rotors leads to a longer pump life with low maintenance.

Auto Gantry Squaring

The Automatic Gantry squaring option enables the machine to be easily re-calibrated for gantry squareness as required by the operator.

A2MC Control System

The A2MC Control system allows for much smoother and faster motion based on S-Curve (Seven Segment Velocity) trajectories. It is fully NC code compatible so it will work with virtually any known CAM package including Artcam, Type 3, Enroute, and more.
The A2MC connects to your existing network through TCP/IP protocols so file transfer is almost instantaneous from any workstation on your network.

Smart Console 7 Pin

The new AXYZ Smart Console brings unprecedented ease of use, context sensitive menus, realtime display of machine status and many more timesaving, useability and productivity features. It provides a graphical preview and current status of a running job and allows program feeds and speeds to be changed without pausing the program. Watch video

ESA/CSA Certification

ESA / CSA Sticker for electrical certification

Vacuum Arm - Pacer