

# KD3Z Product Features

Pre-Insulated Duct CNC Fabrication Table

[www.GoMech.com](http://www.GoMech.com)



## Summary

The focus of decarbonization in the HVAC industry, phenolic duct systems are uniquely positioned to offer carbon conscious materials that exceed performance of traditional air distribution systems. The KD3Z by GoMech makes fabrication and the associated cost to manufacture of this pre-insulated ductwork simplified.

The KD3Z is much more than just a machine...it is a complete systems designed from the ground up to provide you all that you will need to begin automated duct fabrication. Years of investment and engineering have gone into the system. Its attributes give you a machine that will be a production machine vs. just a tool.

### Included with the KD3Z CNC Fabrication Table

- Dust Collection System
- Benchmark Fitting Input Software
- Cutting Tools
- Industrial computer

Everything you need for a competitive workshop!

## Why choose the GoMech KD3Z?

- Full service one stop shop for all of your IFP manufacturing needs.
- Fewer profit centers. GoMech and sister companies limit profit centers and increase access to knowledge. Fewer profit centers saves money.
- Cost - Greatly reduced electrical draw. Low cost to operate.
- Included dust collector, training, software and cutting options.
- KD3Z reduce labor cost, save duct panel and increase quality.
- Our experience and connections
- Gantry overhang
- Software, machine and auxiliaries all covered by GoMech's full service support and warranty
- KD3Z process fully utilizes newly updated user interface



**GoMech, LTD**

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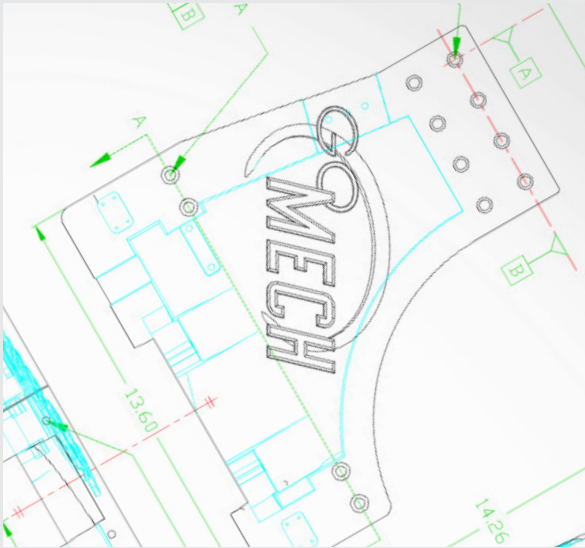
P.O. BOX 371 Bowling Green, Ohio 43402

**GO MECH** LTD  
SUSTAINABLE INNOVATION

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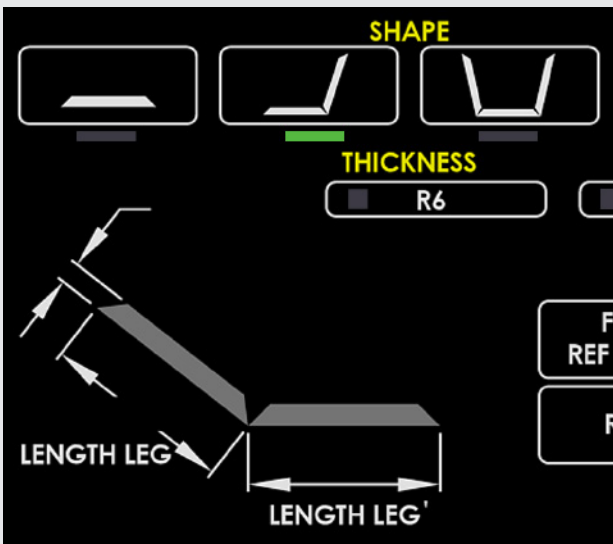


## Engineered

The GoMech KD3Z is custom designed for pre-insulated duct applications. Currently on its sixth generation, the KD3Z has become the standard for fabricating pre-insulated ductwork panels.

## User Interface

Easily navigate fabrication commands to operate all auxiliary equipment using included keyboard or with touch screen.



## Second Page

Cut straight ductwork efficiently with an included second screen of cutting options

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## Rigid Extruded Frame

Lighter material, but providing unparalleled strength.



## Open Bed Design

The KD3Z is an "open bed" design that provides unobstructed access to the machine bed, making it much easier to load and unload material. This proprietary machine bed has no spoil boards to surface and replace.



## Dust-Tight Enclosure

Industrial controls protected in a locked enclosure.



## Drive Motors

4 Motors, 3 Axis, CNC driven, heavy duty, gear driven, stepper motors. Fast performance!

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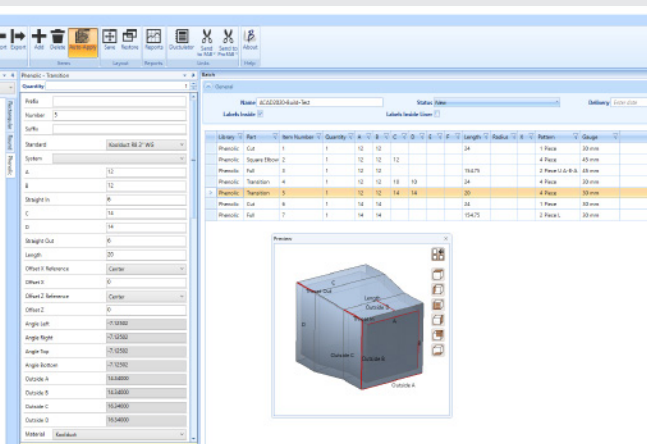
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## Dust Collector Ready

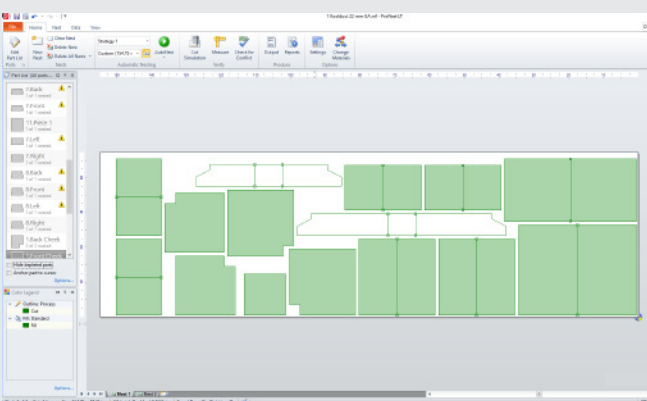
Keep your working environment clean with attached dust collection output ready to be connected to properly sized dust collectors.



## Benchmark Software

We give you a complete library of fittings and ductwork that allow you to make more...ductwork and money!

Software accepts a variety of .DXF for any customized fitting needs.



## Profab Nesting Software

We include a powerful nesting software that gives you higher yield and more from the board you are paying for.

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## Specification

<b>Cut envelope:</b>	157.5 Long x 47 wide
<b>Machine Measurements:</b>	193" L x 62" W x 80" H
<b>Weight (lbs):</b>	2000 lbs (2200 lbs crated)
<b>Frame:</b>	Extruded Anodized Aluminum
<b>Work Table:</b>	11-play Baltic Birch, Non-consuming matting
<b>Spindle Output Power:</b>	3.25 hp
<b>Tooling:</b>	Solid Carbide
<b>Software:</b>	Benchmark Fitting Input & Profab Nesting
<b>Dust Collection:</b>	5hp output for dust collection (32 amp)
<b>Warranty:</b>	1 year on parts due to failure or workmanship.

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