

Mill • Drill • Tap • Bevel • Chamfer • Helical Mill • Bore

TRD Series

SIZE MATTERS

FlexDrill

X Axis 10'-85' +
Y Axis 2'

Customizable by Size, Capabilities, and Accessories

www.flexdrillcnc.com
419-739-MILL

TRD Specifications

FlexDrill^{CNC}

Step One: Work Envelope

Model Number	TRD 10-02	TRD 15-02	TRD 20-02	TRD 25-02	TRD 30-02	TRD 35-02
Machine Bed Size (X,Y)	10' X 2'	15' X 2'	20' X 2'	25' X 2'	30' X 2'	35' X 2'
Price	\$139,995	\$149,995	\$159,995	\$184,995	\$198,995	\$215,995

Step Two: Spindle and Capabilities

Spindle RPM	6000 rpm	4000 rpm	3000 rpm	2400 rpm	2000 rpm
Max Torque	52 ft/lbs	64 ft/lbs	83 ft/lbs	105 ft/lbs	126 ft/lbs
Max Torque (With 18 hp upgrade)	74 ft/lbs	92 ft/lbs	123 ft/lbs	155 ft/lbs	184 ft/lbs

Rapid Travel Rates

Max Rapid Rate (X)	1181 in/min
Max Rapid Rate (Y)	984 in/min
Max Rapid Rate (Z)	165 in/min
Z Axis Travel	16"
Spindle Nose to Table	8.75" - 24.75"
Spindle Taper	CT or BT: 40

851 INDUSTRIAL DRIVE
WAPAKONETA, OHIO
419-739-MILL

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Accessories

CUSTOM LENGTH BEDS AVAILABLE - CALL FOR QUOTE. 419-739-MILL

Ref #	Machine Accessories	Price
1	18hp spindle drive motor (Upgrade from 12hp motor)	\$5,195
2	Through Spindle Coolant (TSC)	\$3,895
3	10-Station Automatic Tool Changer (ATC)	\$8,995
4	External Control Panel on linear guide	\$4,595
5	Automatic Micro-spray Lubrication system	\$2,795
6	Air Blast System	\$1,995
7	Renishaw probe system: model RMP 40	\$14,495
8	Z-Reader Probe for automatic Z correction	\$4,095
9	Magnetic Scales	Quote
10	Bed Extension	Quote

Ref #	TRD 4TH AXIS	Price
11	4th Axis Prep	\$1,500
12	4th Axis: Model D-250 - 10" Platter	\$16,995
13	4th Axis: Model D-400 - 16" Platter	\$23,995

Ref #	Fixturing Options	Price
14	Jaw Chuck: 3 Jaws - 4th Axis	\$1,395
15	Jaw Chuck: 4 Jaws - 4th Axis	\$1,500
16	Table with linear guides for Model D-250: Positioning in Y Axis	\$5,795
17	Adjustable Manual Tail Stock	\$2,245
18	Adjustable Pneumatic Vice for round tubes	\$2,495
19	Universal Pneumatic Vice - Clamping Range 23.2"	\$1,395
20	Insert for multi-vice (For FlexDrill's Universal Pneumatic Vice)	\$695



Standard Features Include: 400V, Mobile light-curtain barriers, Frame with chip conveyor and T-slotted table, flood coolant, and automatic tool calibrator

TRD Series Dimensions

Model	A	X
TRD CNC 10-02	17'	10'
TRD CNC 15-02	23'	15'
TRD CNC 20-02	28'	20'
TRD CNC 25-02	34'	25'
TRD CNC 30-02	39'	30'
TRD CNC 35-02	44'	35'

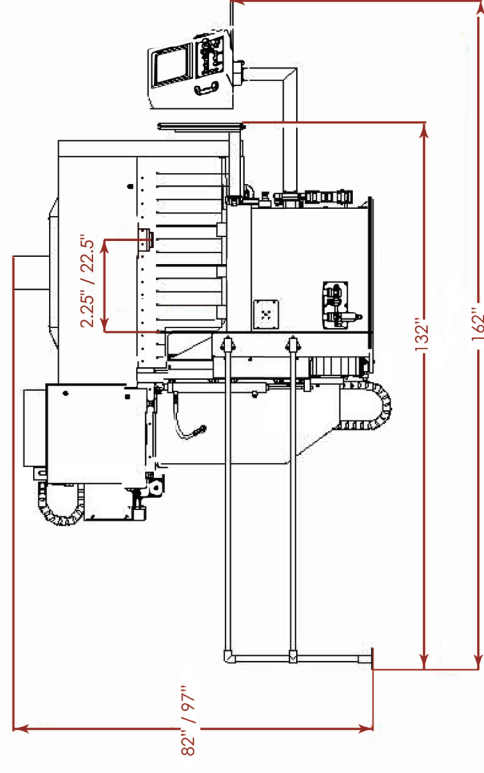
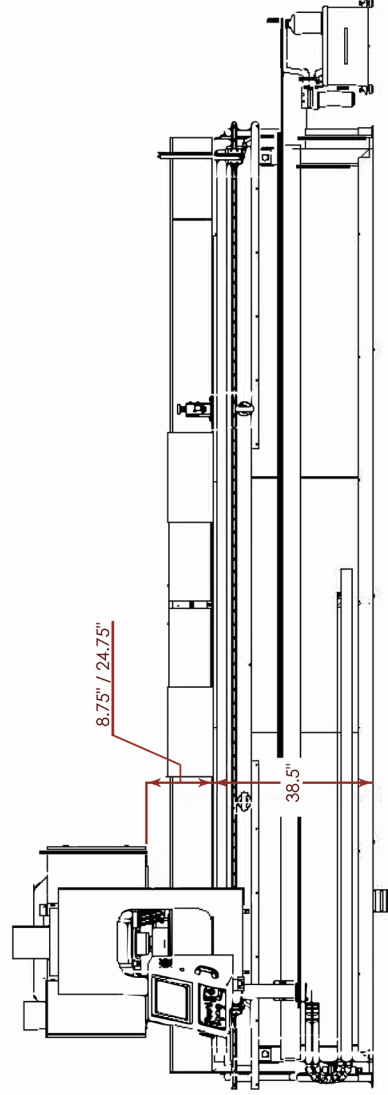
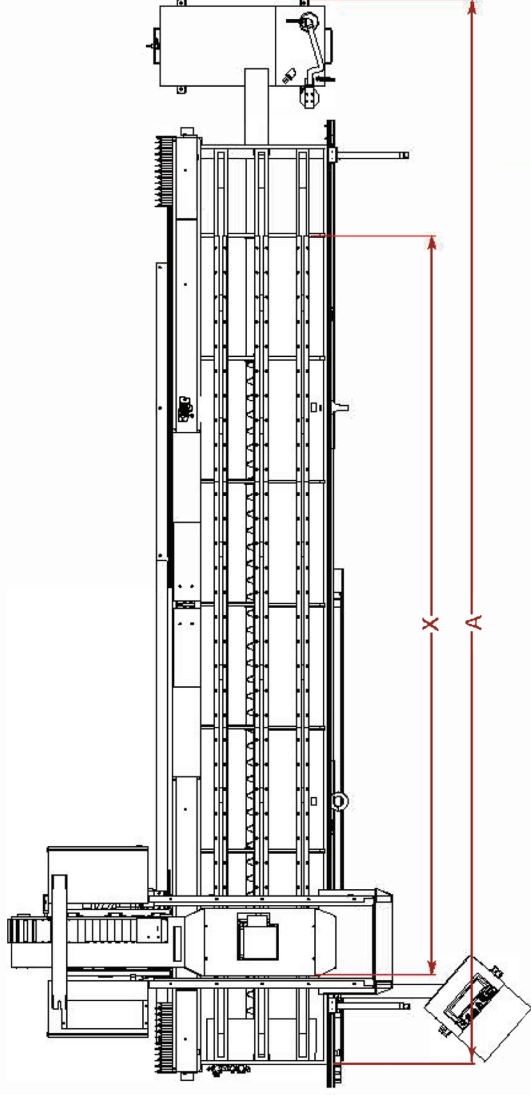
Repeatability Accuracy

X: +/- .001
Y: +/- .0005
Z: +/- .0005

Position Accuracy

X: +/- .002
Y: +/- .001
Z: +/- .001

Weight Limit: 204 lb/ff²



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