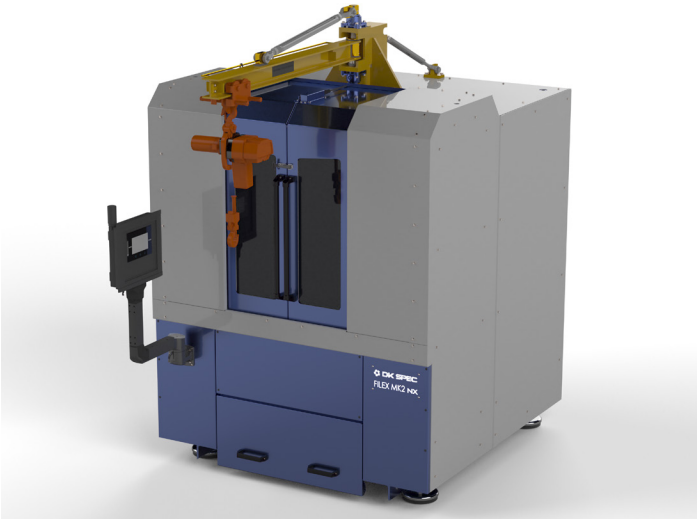




Multi-functional Knife Grinder FILEX MK2



The Filex MK2 is a multi-functional grinding machine designed to grind side heads, planer heads and finger-jointing heads.

Highlights

- ✓ **4 axis servo control** → Fully automatic CNC
- ✓ **Sharpening with up to 0.001" precision** → For extreme accuracy
- ✓ **Head diameter up to 20" and 15" long** → Large capacity
- ✓ **Direct drive 5HP grinding motor** → Minimize vibration and enable heavy grinds
- ✓ **9' X 7' ground footprint** → Compact design to fit in small tight areas
- ✓ **Grind LV side head, straight knife cutter head and finger jointing head** → Versatile operation
- ✓ **240/480KG overhead crane with low speed electric hoist** → Ergonomic



Other Features

- ✓ Use either soft touch display or physical buttons
- ✓ Maintenance free and user friendly
- ✓ High output LED interior lighting
- ✓ Leak-proof stainless interior
- ✓ Rustproof full aluminum exterior panels
- ✓ Very little handling on repetitions
- ✓ New wireless remote control handle for easy setup
- ✓ Remote access troubleshoot and updates option via private VPN
- ✓ Full internal Ethercat® OMRON servo-drives/HMI network
- ✓ Fully HMI and PLC software updatability
- ✓ Secure automatic operation through smart electronic door lock

Standard Specifications

Grinding wheel diameter	Up to 12"	Up to 305mm
Grinding wheel arbor	1 3/8 MIN	1 3/8 MIN
Cutter head diameter	Up to 20"	Up to 508 mm
Cutter head max length	15"	381
Grinding spindle motor	5 HP	5 HP
Variable speed	900 - 1 800 RPM	900 - 1 800 RPM
Work axis limits	X (39") - Y (19") - Z (12")	X (991") - Y (483") - Z (305")
Axis drives	380V 3ph	380V 3ph
Grinding wheel increments per pass	0.0001" to 0.010"	0.00254 mm to 0.254 mm
Accuracy	0.001" to 20" Diameter	0.0245 to 508 mm
Programmable number of knives	Up to 50	Up to 50
Total amount of grinding depth per pass	Up to 0.100"	Up to 2.54 mm
Electrical requirements	120V - 208V / 3HP / 60 Hz / 30 A	120V - 208V / 3HP / 60 Hz / 30 A

