

Product Brochure For M647

Opti-Mill Head Attachment - Geared & Tilting Head - BF-20V

Electronic Variable Speeds & Dovetail Column

On Sale

Ex GST	Inc GST
\$950.00	\$1,045.00
\$850.00	\$935.00



OPTIMUM



ORDER CODE:	M647
MODEL:	BF-20V
Digital Readout:	Optional
Type:	Vertical
Table Size (mm):	~
Column Type:	Dovetail
Spindle Taper - Vertical:	3MT
Spindle Taper - Horizontal:	~
Longitudinal Travel (X-Axis) (mm):	~
Cross Travel (Y-Axis) (mm):	~
Vertical Travel (Z-Axis) (mm):	280
Type of Slides:	Dovetail
Ram Travel (mm):	~
Spindle to Table (mm):	~
Spindle to Base:	~
Spindle Travel / Diameter (mm):	50 / 60
Throat Depth (max.) (mm):	185
Tilting Head (Left ~ Right):	±90°
Tilting Head (Forward ~ Back):	Fixed
Drilling Capacity (mm):	16
End Milling Capacity (mm):	20
Face Milling Capacity (mm):	63
Power Feed - Quill (mm/rev):	~
Power Feed - Longitudinal (X-Axis) (mm/min):	~
Power Feed - Cross (Y-Axis) (mm/min):	~
Power Feed - Vertical (Z-Axis) (mm/min):	~
Table T-Slot Size (inch / mm):	~
Work Table Load Capacity (kg):	~
Spindle Speeds Vertical (No./ rpm):	Variable (90 - 3000)
Spindle Speeds Horizontal (No./ rpm):	~
Spindle Speeds - Universal Head:	~
Motor Power - Vertical Spindle (kW / hp):	0.85 / 1.13
Motor Power - Horizontal Spindle (kW / hp):	~
Motor Power - Universal Head:	~
Voltage / Amperage (V / amp):	240 / 10
Nett Weight (kg):	103

Description

The BF-20V mill head attachment has more throat & height capacity than the the BF-16AV and allows for larger work to be machined, it also is specifically designed to suit the TU-2506V & TU-3008G Optimum bench lathes; converting them into a universal combination lathe/mill when mounted together. In addition this compact setup has the advantage of that it requires less valuable floor space then the two separate conventional machines.

Features

- Electronic infinitely variable speed
- 3MT spindle taper
- Dovetail vertical Z-Axis
- Digital readout speed display
- Work light mounted underneath mill head

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- Digital depth display with zero reset for quill
 - Tilting head to $\pm 90^\circ$ from vertical
 - 2 speed gearbox (high / low) drive
 - Forward and reverse spindle switch
 - Scale collars for all Axis are adjustable
 - Adjustable dovetail slideway on Z-Axis
 - Adjustable drill length stop
 - Metric dial graduations
- Note: The lathe rear splash tray is required to be removed to fit Mill Head Attachment

Includes

- 3MT x JT6 drill chuck arbor
- Safety cutter guard
- Bracket kit for optional digital readout
- 1/2" x 12tpi whitworth drawbar

Specific Features



Quill Handle



Safety Cutter Guard



Digital Read Out For Quill Depth



Control Panel With Variable Speed Dro Display



Quill Feed Adjustment



High Low Geared Head Dial



Inbuilt Work Light

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Recommended Accessories

L689
Opti-Turn Bench Lathe



L691
Opti-Turn Bench Lathe



Stand Sold Separately

K147
Opti-Turn Lathe & Mill Drill
Combination Package Deal



K149
Opti-Turn Lathe & Mill Drill
Combination Package Deal



L690
Lathe Stand



D695
3-Axis Optimum Digital Readout
Counter - 1µm



D694
1500mm Optimum Magnetic
Digital Readout Scale



D697
Optimum Magnetic Digital
Readout Reader Head



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T773
 Industrial Mobile Tooling
 Cabinet Workstation



K150
 Mill-Drill Accessory Package
 Deal - Imperial Cutters



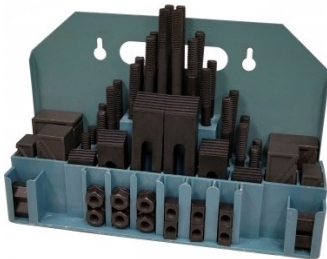
K151
 Mill-Drill Accessory Package
 Deal - Metric Cutters



C922B
 Collet & Chuck Set - 8 Piece



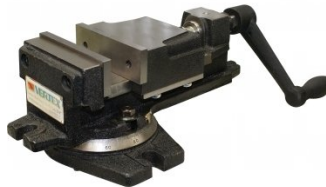
C0955
 Clamp Kit 58 piece - Workshop
 Series



C926
 Collet & Chuck Set - 20 Piece



V104
 Vertex K-Type Milling Vice



M3301
 Metric HSS Slot Drill & End Mill
 Set - 10 Piece



M3321
 Imperial HSS Slot Drill & End
 Mill Set - 10 Piece



M3281
 14mm HSS End Mill Long
 Series



M182
 Precision Boring Head Kit



M192
 Boring Head Shank



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M180
 Boring Bar Set - 9 piece



M250
 Parallel Set - 8 Piece



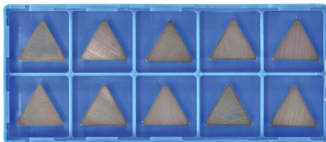
M530
 Universal Milling Kit - 4 Piece



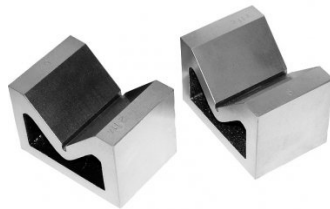
M528
 Face Mill 90° - Positive Rake



L066
 KYOCERA Carbide Inserts -
 Milling



V004
 Cast Iron Vee Block



R001
 Rotary Table



R0014
 Tilting Rotary Table



P235
 Coolant Pump & Tank



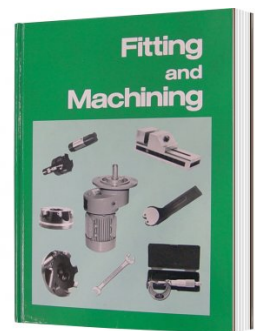
S090A
 Soluble Metal Cutting Fluid - 1
 Litre



S090
 Soluble Metal Cutting Fluid - 5
 Litre

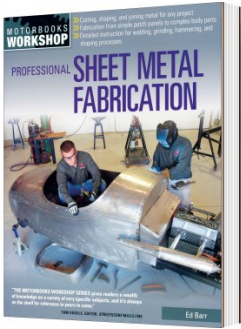


L341
 Fitting and Machining Technical
 Book



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L3455
 Professional Sheet Metal Fabrication Book



L300
 Magnetic Swarf Remover



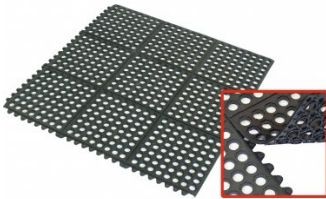
M9991
 Magnetic Floor Sweeper



M800
 Rubber Mat - Anti-Fatigue



M805
 Rubber Mat - Anti-Fatigue



O000
 SpillFix Universal Organic Absorbent



O043
 Rust & Corrosion Preventive



O042
 General Purpose Lubricant & Corrosion Inhibitor



O040
 Rust & Corrosion Preventive



O044
 Rust & Corrosion Preventive

