

Product Brochure For M647

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

Electronic Variable Speeds & Dovetail Column

On Sale

Ex GST	Inc GST
\$1,160.00	\$1,334.00
\$1,000.00	\$1,150.00



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



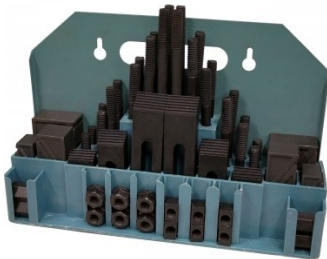
C922B

Collet & Chuck Set - 8 Piece



C0955

Clamp Kit 58 piece - Workshop Series



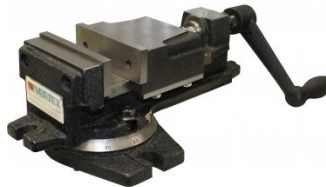
C926

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



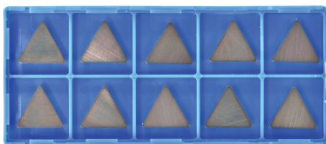
M530
Universal Milling Kit - 4 Piece



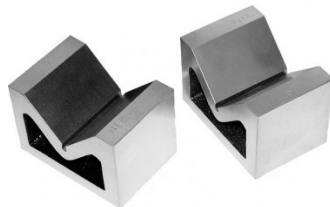
M528
Face Mill 90° - Positive Rake



L066
KYOCERA Carbide Inserts - Milling



V004
Cast Iron Vee Block



R001
Rotary Table



R0014
Tilting Rotary Table



P235
Coolant Pump & Tank



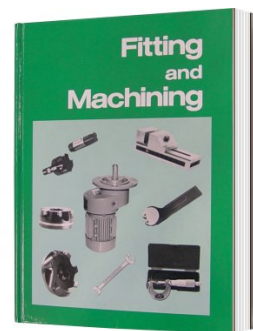
S090A
Soluble Metal Cutting Fluid - 1 Litre



S090
Soluble Metal Cutting Fluid - 5 Litre

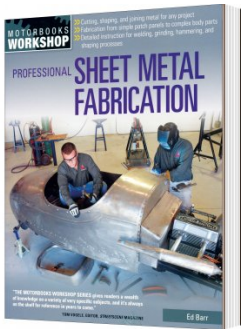


L341
Fitting and Machining Technical Book

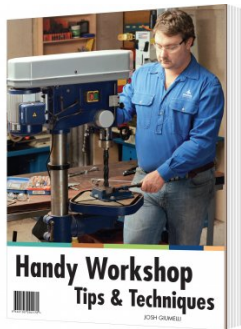


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L3455
Professional Sheet Metal
Fabrication Book



L345
Handy Workshop Tips &
Techniques - 1st Edition



L300
Magnetic Swarf Remover



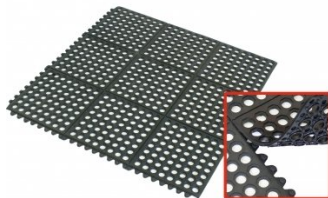
M9991
Magnetic Floor Sweeper



M800
Rubber Mat - Anti-Fatigue



M805
Rubber Mat - Anti-Fatigue



O043
Rust & Corrosion Preventive



O042
General Purpose Lubricant &
Corrosion Inhibitor



O044
Rust & Corrosion Preventive

