

Product Brochure For M647

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

Electronic Variable Speeds & Dovetail Column



OPTIMUM



Ex GST
\$950.00

Inc GST
\$1,045.00

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
- Digital depth display with zero reset for quill
- Tilting head to ± 90° from vertical
- 2 speed gearbox (high / low) drive
- Forward and reverse spindle switch

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- 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



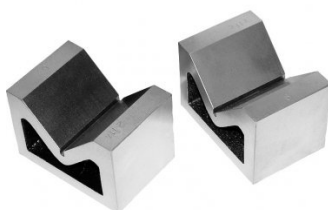
L066

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



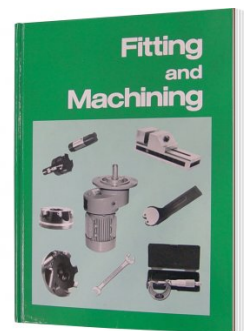
S090

Soluble Metal Cutting Fluid - 5
Litre



L341

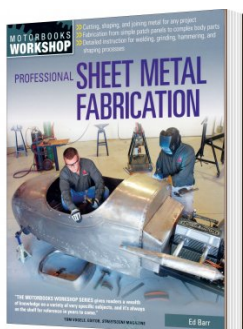
Fitting and Machining Technical
Book



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L3455

Professional Sheet Metal
Fabrication Book



L300

Magnetic Swarf Remover



M9991

Magnetic Floor Sweeper



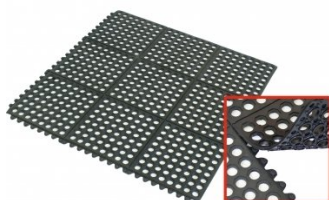
M800

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

