

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

Electronic Variable Speeds & Dovetail Column

Ex GST
\$1,050.00

Inc GST
\$1,155.00



OPTIMUM



ORDER CODE:	M647
MODEL:	BF-20AV
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-20AV 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

Product Brochure For M647

- 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



Safety Cutter Guard



Quill Depth Digital Readout



Variable Spindle Speed & Spindle DRO



Swivel Head Lock



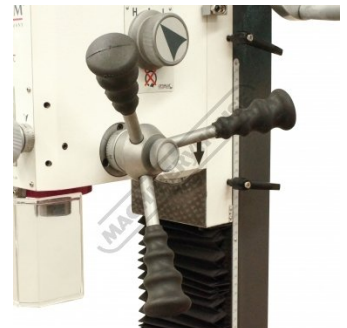
Quill Fine Adjustment



High Low Geared Drive



Work Light



Quill Handle



Dovetail Column



Z-Axis Scale



Z-Axis Hand Wheel



Drawbar

Product Brochure For M647

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



T773
 Industrial Mobile Tooling
 Cabinet Workstation



Product Brochure For M647

K150

Mill-Drill Accessory Package Deal - Imperial Cutters



K151

Mill-Drill Accessory Package Deal - Metric Cutters



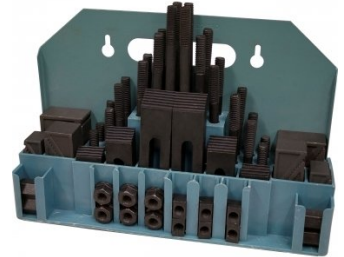
C922B

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



M182

Precision Boring Head Kit



M192

Boring Head Shank



M180

Boring Bar Set - 9 piece



M250

Parallel Set - 8 Piece



Product Brochure For M647

M530
 Universal Milling Kit - 4 Piece



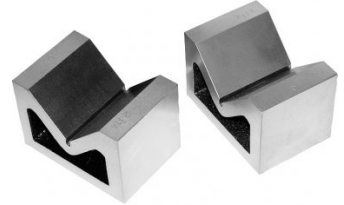
M528
 Face Mill 90° - Positive Rake



L066
 KYOCERA Carbide Inserts - Milling



V004
 Cast Iron Vee Block



R001
 Rotary Table



R005
 Vertex Rotary Table



R0014
 Tilting Rotary Table



P235
 Coolant Pump & Tank



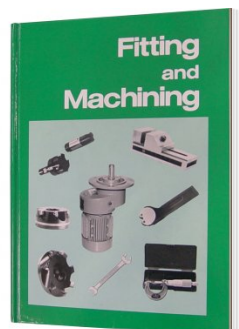
S090A
 Soluble Metal Cutting Fluid - 1 Litre



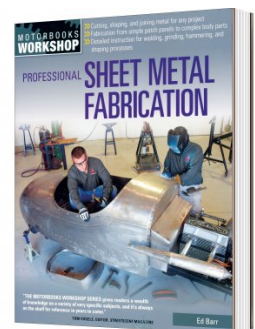
S090
 Soluble Metal Cutting Fluid - 5 Litre



L341
 Fitting and Machining Technical Book



L3455
 Professional Sheet Metal Fabrication Book



Product Brochure For M647

L300
 Magnetic Swarf Remover



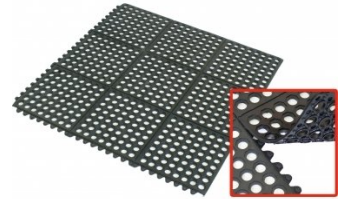
M9991
 Magnetic Floor Sweeper



M800
 Rubber Mat - Anti-Fatigue



M805
 Rubber Mat - Anti-Fatigue



O000
 SpillFix Universal Organic Absorbent



O000A
 Natural Zeolite Absorbent



O043
 Rust & Corrosion Preventive - Penetrant & Lubrication



O042
 General Purpose Lubricant & Corrosion Inhibitor



O040
 Rust & Corrosion Preventive - Penetrant & Lubrication



O044
 Rust & Corrosion Preventive - Penetrant & Lubrication

