

OPTIMUM BF-20V

OPTIMUM®

Opti-Mill Head Attachment - Geared & Tilting Head



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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

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 $\pm 90^\circ$ 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

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Includes

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

Specifications

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