

TECHNICAL SPECIFICATIONS FOR 8'

PLANO-MILLING MACHINE.

One Plano-Milling Machine 8 ft.

Length of Bed	4000 MM
Width of Bed	600 MM
Length of Table	2550 MM
Maximun travle of table	2500 MM
Width of Table	790 MM
V to V centre	500 MM
Admit between columns	1200 MM
Admit under cross saddle	1000 MM
Columns Face	260 MM
Cross Slide Face	400 MM
All Steel Gears	
All Steel Rack	
D P of Rack	4 D.P
Rack Width	175 MM
Teeth face matching	100 MM
Auto Lubrication Pump Provided	

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MILLING HEAD

One Milling Head Complete with 7.5 H.P Bharat Bijlee make motor.

No. of Speeds				4
Speeds Range	120	210	300	500
Motor 7.5 H.P Bharat Bijlee Make				
Spindle Dia				120 MM
Vertical traverse				100 MM
Vertical traverse operation				Hand operated
Main Spindle socket				ISO 50
Complete with socket & locking Bolt				ISO 50
Cutter Capacity on Mild Steel				150 MM
Base Size	Width			470 MM
	Vertically			430 MM

Complete with 90 degree attachment called
Universal Milling Head suitable for above

Universal Spindle Socket	ISO 40
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Table Drive System

One Feed Gear Box with motor 3 H.P Bharat Bijlee to drive the table

No. of Feeds	18 including Rapid
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Range of Feeds	20 MM to 300 MM/minute			
Rapid Feed	1000 MM Per Minute			
Way of Fitting with Planner	Coupling type			
<u>Cross Feed Drive Gear Box</u>				
One Cross feed drive gear box with one H.P motor.				
No. of Feeds	4			
Range of Feeds	25	45	80	400 MM Rapid
<u>Electrical Control Panel</u>				
Electrical Control panel with L & T products for all the operations within the easy reach of operator.				
<u>Electric Motor for Auto Lifting Operation</u>				
Bharat Bijlee motor 2 H.P complete with fittings.				

TECHNICAL SPECIFICATIONS FOR 16'

This machine is suitable for the machining drilling facing operation	
One Plano-Milling Machine 16 ft.	
Length of Bed	7400 MM
Width of Bed	830 MM
Length of Table	5000 MM
Maximun travle of table	4900 MM
Width of Table	1000 MM
V to V centre	700 MM
Admit between columns	1800 MM
Admit under cross saddle	1500 MM
Columns Face	400 MM
Cross Slide Face	500 MM
All Steel Gears	
All Steel Rack	
D P of Rack	3 D.P
Rack Width	250 MM
Teeth face matching	150 MM
Auto Lubrication Pump Provided	

MILLING HEAD for cross saddle

One Milling Head Complete with 10 H.P Bharat Bijlee make motor.				
No. of Speeds	4			
Speeds Range	100	180	275	400
Motor 10 H.P Bharat Bijlee Make				
Spindle Dia	120 MM			
Vertical traverse	100 MM			
Vertical traverse operation	Hand operated			

Main Spindle socket	ISO 50
Complete with socket & locking Bolt	ISO 50
Cutter Capacity on Mild Steel	200 MM
Complete with 90 degree attachment called Universal Milling Head suitable for above	
Universal Spindle Socket	ISO 40

<u>SIDE MILLING HEAD for Column for side Facing Operation</u>	
One Milling Head Complete with 7.5 H.P Bharat Bijlee make motor.	
No. of Speeds	4
Speeds Range	120 210 300 500
Motor 7.5 H.P Bharat Bijlee make	
Spindle Dia	120 MM
Vertical Traverse	100 MM
Vertical Traverse operation	Hand Operated
Main Spindle Socket	ISO 50
Complete with Socket & Locking Bolt	ISO 50
Cutter Capacity on Mild Steel	150 MM
Complete with 90 degree attachment called Universal Milling Head suitable for the above	
Universal Spindle Socket	ISO 40
<u>Table Drive System</u>	
One Feed Gear Box with motor 3 H.P Bharat Bijlee to drive the table	
No. of Feeds	18 including Rapid
Range of Feeds	20 MM to 300 MM/ Minute
Rapid Feed	1000 MM / Minute
Way of Fitting with Planner	Coupling type

<u>Feed Drive Gear Box for the Vertical travel of Milling Head</u>	
One cross feed drive gear box with one H.P Motor	
No. of Feeds	4
Range of Feeds	25 45 80 400 MM Rapid

<u>Cross Feed Drive Gear Box</u>	
One Cross feed drive gear box with one H.P motor.	
No. of Feeds	4
Range of Feeds	25 45 80 400 MM Rapid

<u>Electrical Control Panel</u>	
Electrical Control panel with L & T products for all the operations within the easy reach of operator.	
<u>Electric Motor for Auto Lifting Operation</u>	

