# Variable bed lengths and milling head options offer enhanced versatility.

# Quality Machine Design with Power-Packed Performance

- Precision machined dovetail ways and adjustable gibs provide smooth accurate travel.
- All gears and drives are permanently lubricated and sealed to allow operation in any position.

#### Powerful

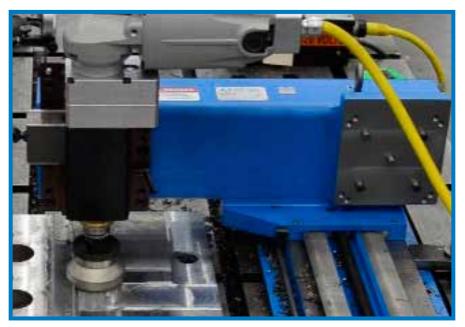
- Hydraulic, pneumatic, and electric motors are available to provide power for milling spindle.
- Feed options include manual, electric, and pneumatic.
- · Optional HSK spindle.

### Versatile

- Two different milling head options are available; the ¾-inch Weldon shank spindle, and the flexible HSK 40A spindle.
- · Adjustable feed stops are standard.
- 120V and 230V electric feed options are available in addition to manual feed for fine adjustment.
- The electric feed option provides infinitely variable rates from 0 to 20 IPM, with push-button rapid traverse.
- Forward, neutral and reverse modes are controlled by a simple shift lever.

### Rigid and Durable

 Compact yet rigid design for hard to reach and limited clearance applications.



### Flexible

- Cross slide allows mounting of milling spindle on either side of the bed.
- An extended ram may be used in conjunction with the more powerful and versatile HSK spindle.
- The optional HSK milling head swivel plate accessory allows 360° range of spindle angles
- Optional sub-plates are available for extra bed rigidity and installation versatility.

#### Quick and Easy Setup

- The PM4200 3-axis portable milling machine provides precise and versatile on the job milling capabilities. It is designed to be attached either to the work piece or to a support structure beside it.
- Beds are available in 20, 49 and 78 inch (508, 1244.6 and 1981.2 mm) travel.

### **Applications Include:**

- The PM4200 is commonly used for milling large cumbersome parts.
- Many customers use the PM4200 machines when welding up and re-machining worn parts on production machinery like stamping presses.
- Long motor mount slots are easily machined, often without dismantling since the mill can be mounted right on the workpiece.
- Motor mounts and pump bases are easily machined, especially in tight locations.





20, 49 or 78 inches   508.0, 1244.6 or 1981.2 mm   20, 32 mm   21 inches (Netdon)   203.2 mm   21 inches (HSK)   304.8 mm   304.8 mm   21 inches (HSK)   304.8 mm   21 inches (HSK)   304.8 mm   21 inches (HSK)   304.8 mm   304.8 m		US	Metric	
Sinches (Weldon)	Bed Length	29, 58 or 87 inches	736.6, 1473.2 or 2209.8 mm	
12 inches (HSK)   304.8 mm   304.8 mm   305 inches (Weldon)   224.8 mm   304.8 mm   30	Bed Travel (X Travel)	20, 49 or 78 inches	508.0, 1244.6 or 1981.2 mm	
12 inches (HSK) 304.8 mm  301 Head Vertical Travel 3 inches (Weldon) 76.2 mm 4 inches (HSK) 101.6 mm  No Load Spindle Speed  Weldon Electric 230-525 RPM  Weldon Phydraulic 282-696 RPM  Weldon Phydraulic Up to 510 RPM  ISK Electric Up to 800 RPM  ISK Electric Up to 800 RPM  ISK Hydraulic 389-1006 RPM  ISK Pneumatic Up to 1100 RPM  ISK Spindle Size 0.75 inch (Weldon) 19.1 mm  40A (HSK)  Alliling Head Gearbox Ratio 2.15:1 (Weldon Spindle) 6.25:1 (HSK Spindle) Electric 1:1 (HSK Spindle) Pneumatic  Spindle Power  IA* Weldon Shank  20V or 230V Electric 1 HP 0.75 kW  Individualic Motor Assemblies J Series with 24 inch (609.6 mm) hose and QD  Mim Motor RPM @1 gmr (3.8 Lmin) Max Motor RPM @1 gmr (3.8 Lmin) Max Motor RPM @1 gmr (3.8 Lmin) Max Motor RPM @1 gmr (3.8 Lmin) Miss Spindle  20V or 230V Electric 3.5 HP 2.6 kW  ISK Spindle  20V or 230V Electric 3.5 HP 2.6 kW  ISK Spindle  20V or 230V Electric 3.5 HP 2.6 kW  ISK Spindle  20V or 230V Electric 3.5 HP 2.6 kW  ISS Spindle 20V or 230V Electric 3.5 HP 3.15 kW  ISS Spindle 3.3 in 3 (1.6 cm³) J SERIES 3.5 HP 3.15 kW  ISS Spindle 3.5 HP 4.15 kW  ISS Spindle 3.5 HP 3.15 kW  ISS Spindle 3.5 HP 4.15 kW  ISS Spindle 3.5 HP 1.15 kW  ISS Spindle 3.5 HP 1.15 kW	Cross Slide Travel (Y-Axis)	,		
4 inches (HSK)   101.6 mm	Spindle Reach from edge of bed	,		
Veldon Electric   230-525 RPM   Veldon Hydraulic   282-696 RPM   Veldon Pheumatic   Up to 510 RPM   SKE Electric   Up to 800 RPM   SKK Hydraulic   369-1006 RPM   SKK Hydraulic   369-1006 RPM   SKK Hydraulic   369-1006 RPM   SkK Hydraulic   369-1006 RPM   369-	Tool Head Vertical Travel	,		
Veldon Hydraulic   Veldon Pneumatic   Up to 510 RPM	No Load Spindle Speed			
Veldon Pneumatic         Up to 510 RPM           4SK Electric         Up to 800 RPM           4SK Hydraulic         369-1006 RPM           4SK Pneumatic         Up to 1100 RPM           Spindle Size         0.75 inch (Weldon)         19.1 mm           40A (HSK)         40A (HSK)           Milling Head Gearbox Ratio         2.15:1 (Weldon Spindle)           6.25:1 (HSK Spindle) Electric         1:1 (HSK Spindle) Hydraulic           1:1 (HSK Spindle) Pneumatic         1:1 (HSK Spindle) Pneumatic           Spindle Power         14" Weldon Shank           20V or 230V Electric         1 HP (Motor RPM @1 gpm (3.8 Lmm))           4"Weldon Shank         J Series with 24 inch (609.6 mm) hose and QD Min Motor RPM @1 gpm (3.8 Lmm)           4"Weldon Motor RPM @1 gpm (3.8 Lmm)         696           55263 0.79 in <sup>3</sup> (13 cm <sup>3</sup> ) J SERIES         116 (696           55094 1.21 in <sup>3</sup> (19.8 cm <sup>3</sup> ) J SERIES         81 (469           55094 1.21 in <sup>3</sup> (19.8 cm <sup>3</sup> ) J SERIES         46 (283           20v or 230V Electric         3.5 HP (1.5 kW)           20V or 230V	Weldon Electric	230-525 RPM		
### SECOND CONTROL OF THE PROPRESS OF THE PROP	Weldon Hydraulic	282-696 RPM		
### ASK Hydraulic   369-1006 RPM   19.1 mm   19.1 mm   40A (HSK)	Weldon Pneumatic	Up to 510 RPM		
ASK Pneumatic  Spindle Size  0.75 inch (Weldon) 40A (HSK)  2.15:1 (Weldon Spindle) 6.25:1 (HSK Spindle) Electric 1:1 (HSK Spindle) Hydraulic 1:1 (HSK Spindle) Pneumatic  Spindle Power  14" Weldon Shank 20V or 230V Electric 1 HP 0.75 kW  1 Series with 24 inch (609.6 mm) hose and QD  15:5263 0.79 in³ (13 cm³) J SERIES 116 696 15:094 1.21 in³ (19.8 cm³) J SERIES 116 696 15:095 1.93 in³ (31.6 cm³) J SERIES 11.55 HP 1.15 kW  15K Spindle 20V or 230V Electric 1 HP 0.75 kW  1 Series with 24 inch (609.6 mm) hose and QD  15:5263 0.79 in³ (13 cm³) J SERIES 116 696 15:5094 1.21 in³ (19.8 cm³) J SERIES 116 696 15:5094 1.21 in³ (19.8 cm³) J SERIES 117 1.55 HP 1.15 kW  1 Series with 24 inch (609.6 mm) hose and QD  1 Max Motor RPM @1 gpm (3.8 L/min) 1 Mm Motor	HSK Electric	Up to 800 RPM		
3,75 inch (Weldon)	HSK Hydraulic	369-1006 RPM		
40A (HSK)	HSK Pneumatic	Up to 1100 RPM		
6.25:1 (HSK Spindle) Electric  1::1 (HSK Spindle) Hydraulic  1::1 (HSK Spindle) Pneumatic  Spindle Power  64" Weldon Shank  20V or 230V Electric  1 HP  0.75 kW  1 Series with 24 inch (609.6 mm) hose and QD  Min Motor RPM @1 gpm (3.8 L/min)  Max Motor RPM @5.5 gpm (20.8 L/m)  1 HP  65263 0.79 in <sup>3</sup> (13 cm <sup>3</sup> ) J SERIES  116  696  65094 1.21 in <sup>3</sup> (19.8 cm <sup>3</sup> ) J SERIES  81  469  65095 1.93 in <sup>3</sup> (31.6 cm <sup>3</sup> ) J SERIES  81  469  68K Spindle  20V or 230V Electric  3.5 HP  1.15 kW  1.55 HP  1.15 kW  1.55 HP  1.00 HW  1.00 HW	Spindle Size	,	19.1 mm	
Spindle Power   Start   Weldon Shank   Spindle Power   Start   Weldon Shank   Spindle Power   Start   Weldon Shank   Spindle Power   Start   Spindle Power   Start   Spindle Power   Start   Spindle Power   Spindle   S	Milling Head Gearbox Ratio	6.25:1 (HSK Spindle) Electric 1:1 (HSK Spindle) Hydraulic		
1 HP 0.75 kW dydraulic Motor Assemblies	Spindle Power	( = = = = = = = = = = = = = = = = = = =		
20V or 230V Electric 1 HP 0.75 kW  dydraulic Motor Assemblies J Series with 24 inch (609.6 mm) hose and QD    Min Motor RPM @1 gpm (3.8 L/min)     Max Motor RPM @5.5 gpm (20.8 L/m)   Max Motor RPM @5.5 gpm (20.8 L/m)   Max Motor RPM @5.5 gpm (20.8 L/m)   Max Motor RPM @6.5 gpm (20.8 L/m)   Min Motor RPM @6.5 gpm (20.8 L/m)   Min Motor RPM @6.5 gpm (20.8 L/m)   Max Motor RPM @6.5 gpm (20.8 L/m)   Max Motor RPM @6.5 gpm (20.8 L/m)   Min Motor RPM @6.5 gpm (20.	•			
Alydraulic Motor Assemblies		1 HP	0.75 kW	
116 696 15094 1.21 in³ (19.8 cm³) J SERIES 81 469 15095 1.93 in³ (31.6 cm³) J SERIES 81 283 Pneumatic * 1.55 HP 1.15 kW 1SK Spindle 20V or 230V Electric 3.5 HP 2.6 kW 1ydraulic J Series with 24 inch (609.6 mm) hose and QD  Max Motor RPM @1 gpm (3.8 L/min) Min Motor RPM @5.5 gpm (20.8 L/m) 15095 (1.93 in³ (31.6 cm³) J SERIES) 99 606 18455 Pneumatic Right Angle * 1.55 HP 1.15 kW 1.35 HP 1.15 kW	Hydraulic Motor Assemblies	J Series with 24 inch (609.6 mm) h Min Motor RPM @1 gpm (3.8 L/min)		
Sister   S	65263 0.79 in <sup>3</sup> (13 cm <sup>3</sup> ) J SERIES		696	
## 1.55 HP ## 1.15 kW ## 1.55 HP	, ,	81	469	
Pneumatic * 1.55 HP 1.15 kW  HSK Spindle  20V or 230V Electric 3.5 HP 2.6 kW  Hydraulic J Series with 24 inch (609.6 mm) hose and QD  Max Motor RPM @1 gpm (3.8 L/min)  Min Motor RPM @5.5 gpm (20.8 L/m)  55094 (1.21 in³ (19.8 cm³) J SERIES) 175 1009  55095 (1.93 in³ (31.6 cm³) J SERIES) 99 606  68455 Pneumatic Right Angle * 1.55 HP 1.15 kW  68584 Pneumatic Direct Drive * 1.35 HP 1.01 kW		46		
#SK Spindle 20V or 230V Electric  3.5 HP  2.6 kW  Hydraulic  J Series with 24 inch (609.6 mm) hose and QD  Max Motor RPM @1 gpm (3.8 L/min) Min Motor RPM @5.5 gpm (20.8 L/m)  55094 (1.21 in³ (19.8 cm³) J SERIES)  175  1009  55095 (1.93 in³ (31.6 cm³) J SERIES)  99  606  68455 Pneumatic Right Angle *  1.55 HP  1.15 kW  1.35 HP  1.01 kW	Pneumatic *	1.55 HP	1.15 kW	
20V or 230V Electric  3.5 HP  2.6 kW  dydraulic  J Series with 24 inch (609.6 mm) hose and QD  Max Motor RPM @1 gpm (3.8 L/min) Min Motor RPM @5.5 gpm (20.8 L/m)  35094 (1.21 in³ (19.8 cm³) J SERIES)  175  1009  35095 (1.93 in³ (31.6 cm³) J SERIES)  99  606  8455 Pneumatic Right Angle *  1.55 HP  1.15 kW  1.35 HP  1.01 kW	HSK Spindle			
Hydraulic       J Series with 24 inch (609.6 mm) hose and QD         Max Motor RPM @1 gpm (3.8 L/min) Min Motor RPM @5.5 gpm (20.8 L/m)         55094 (1.21 in³ (19.8 cm³) J SERIES)       175       1009         55095 (1.93 in³ (31.6 cm³) J SERIES)       99       606         68455 Pneumatic Right Angle *       1.55 HP       1.15 kW         68584 Pneumatic Direct Drive *       1.35 HP       1.01 kW	120V or 230V Electric	3.5 HP	2.6 kW	
35094 (1.21 in³ (19.8 cm³) J SERIES)       175       1009         35095 (1.93 in³ (31.6 cm³) J SERIES)       99       606         38455 Pneumatic Right Angle *       1.55 HP       1.15 kW         38584 Pneumatic Direct Drive *       1.35 HP       1.01 kW	Hydraulic	J Series with 24 inch (609.6 mm) h Max Motor RPM @1 gpm (3.8 L/min)		
55095 (1.93 in³ (31.6 cm³) J SERIES)       99       606         68455 Pneumatic Right Angle *       1.55 HP       1.15 kW         68584 Pneumatic Direct Drive *       1.35 HP       1.01 kW	65094 (1.21 in <sup>3</sup> (19.8 cm <sup>3</sup> ) J SERIES)	• • , ,	1009	
88455 Pneumatic Right Angle * 1.55 HP 1.15 kW 88584 Pneumatic Direct Drive * 1.35 HP 1.01 kW	, , ,			
88584 Pneumatic Direct Drive * 1.35 HP 1.01 kW				
	68584 Pneumatic Direct Drive *			
	* Air motor requires 32 FT <sup>3</sup> /min (0.9m <sup>3</sup> /min) at			

All dimensions should be considered reference. Contact your Climax Representative for precision dimensions. Specifications are subject to change without notice. There are no systems or components on this machine that are capable of producing hazardous EMC, UV or other radiation hazards. The machine does not use lasers nor does it create hazardous materials such as gasses or dust.





# **Available Standard Options**

Bed Lengths 29, 58, or 87 inches (736.6, 1473.2 or 2209.8 mm)

Rams Weldon Top Slide

HSK Extended Ram

Blank Tool Post

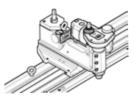
Spindles Weldon ¾-inch Spindle

HSK 40A Spindle

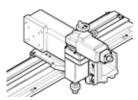
Spindle drive available in electric, hydraulic and pneumatic versions.

### Basic configuration includes:

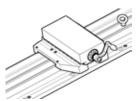
- Bed
- Top slide (inch or metric)
- Gearbox
- · Spindle & quill assembly (inch or metric)
- · Vertical adjustment leadscrew (inch or metric)
- · Cross slide
- Leadscrew
- · Feed assembly (manual, pneumatic, or electric)
- · Spindle motor (electric, pneumatic, or hydraulic)



Weldon Top Slide



**HSK Extended Ram** 



Blank Tool Post

### **Dimensions**

US	Metric	
bed length + 8.8 inches	bed length + 223.5 mm	
13.22 - 20.22 inches	335.8 - 513.6 mm	
28.5 inches	723.9 mm	
otor		
13.6 - 16.6 inches	345.4 - 421.6 mm	
17.6 - 21.6 inches	447.0 - 548.6 mm	
	bed length + 8.8 inches 13.22 - 20.22 inches 28.5 inches otor 13.6 - 16.6 inches	bed length + 8.8 inches bed length + 223.5 mm  13.22 - 20.22 inches 335.8 - 513.6 mm  28.5 inches 723.9 mm  otor  13.6 - 16.6 inches 345.4 - 421.6 mm

# Weight (without motor)

Bed lengths	US	Metric
29 inch (736.6 mm) Weldon	332 lb	151 kg
29 inch (736.6 mm) HSK 40A	381 lb	173 kg
58 inch (1573.2 mm) Weldon	544 lb	248 kg
58 inch (1573.2 mm) HSK 40A	593 lb	270 kg
87 inch (2209.8 mm) Weldon	710 lb	323 kg
87 inch (2209.8 mm) HSK 40A	759 lb	345 kg

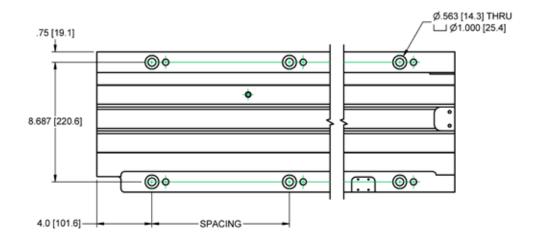
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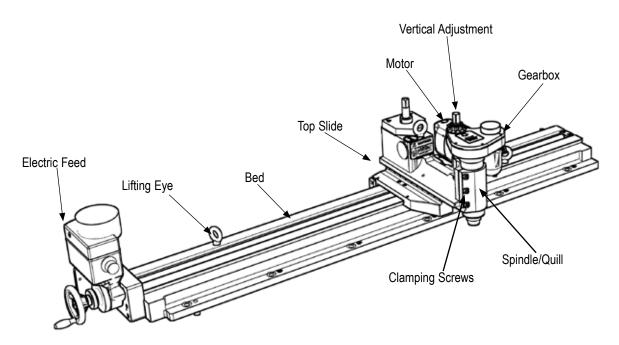
# TOOL CONFIGURATIONS

Configure your PM4200:		_	USK Milling Hood Accombly	
Configure your PM4200:  1 Select a Base Unit		5	HSK Milling Head Assembly (Only for Extended RAM Assembly)	
2 Select Shipping Containers			120V Electric HSK 40A Milling Head Assembly (w/motor)	64667
3 Select Main Bed Feed Control			230V Electric HSK 40A Milling Head Assembly (w/motor)	66342
4 Select a Topslide, Spindle Drive or Extended Ram Assembly			Hydraulic HSK 40A Milling Head Assembly	65262
<ul><li>5 Select HSK Milling Head Assembly</li><li>6 Select Tooling</li></ul>			Pneumatic HSK 40A Milling Head Assembly - Right Angle	68455
7 Select Collets			Pneumatic HSK 40A Milling Head Assembly - Direct Drive	68584
8 Select Hydraulic Motor for Spindle		6	Tooling	00304
9 Select HPU		U	HSK Taper	
10 Select Hose, Pendant, and Cable Assemblies (2-Axis)			HSK 40A Taper 3 Inch (76.2 mm) Face Mill w/inserts	64984
To generate the correct part number for the machine, simply circle the needed in each step, and contact your Climax representative.	e part number		HSK 40A Taper Collet Holder ER-32, 0.08 - 0.81 Inch (2.0 - 20.6 mm)	64985
1 Base Unit (w/o Leadscrew)			Square Carbide Inserts 0.528 inch	47229
(Includes bed assembly, tool kit, and operating manual)			Weldon Shank Inch	
20 Inches (508 mm) of travel, 29 inch (736.6 mm) bed	65206		Weldon Shank Face Mill Kit 2 x ¾ Inch	39634
49 Inches (1244.6 mm) of travel, 58 inch (1473.2 mm) bed	65207		Weldon Shank Fly Cutter 2-1/2 inch Dia. Head x 3/4 Inch	20713
78 Inches (1981.2 mm) of travel, 87 inch (2209.8 mm) bed	65208		Carbide Inserts (SEHW1204AFN KC725M)	39631
2 Shipping Containers			Weldon Shank Metric	
Wood Crate for 20 Inch (508.0 mm) Travel Bed	65084		Weldon Shank Face Mill 2 X 20 mm	43985
Metal Container for 20 Inch (508.0 mm) Travel Bed	65403		Weldon Shank Fly Cutter 2-1/4 Inch (57.2 mm) Dia. Head x 20 mm	31625
Wood Crate for 49 Inch (1244.6 mm) Travel Bed	65085		Carbide Inserts (SEKT1404AEENGP2 KC725M)	66356
Metal Container for 49 Inch (1244.6 mm) Travel Bed	65404	7	Collets	
Wood Crate for 78 Inch (1981.2 mm) Travel Bed	65086		Collet ER-32, ¾ - INCH	64986
Metal Container for 78 Inch (1981.2 mm) Travel Bed	65405		Collet ER-32, 20 mm - METRIC	66344
3 Main Bed Feed Control	00.00		Collet Set ER-32, 1/3, 13/16, 1/16 Inch Increments - INCH	66345
20 Inch (508.0 mm) Travel Bed w/Leadscrew			Collet Set ER-32, 3 - 20 mm, 1 mm Increments - METRIC	66346
120V Feed Assembly	64853	8	Hydraulic Motor for Spindle	
230V Feed Assembly	65359		HSK	
Manual Feed Assembly	65305		Hydraulic Motor Assembly 1.21 Inch <sup>3</sup> (19.8 cm <sup>3</sup> )	65094
Pneumatic Feed Assembly	65309		Hydraulic Motor Assembly 1.93 Inch <sup>3</sup> (31.6 cm <sup>3</sup> )	65095
Bearing Block (does not include feed or handwheel)	65353		Hydraulic Motor Assembly 3.00 Inch <sup>3</sup> (49.2 cm <sup>3</sup> )	65096
49 Inch (1244.6 mm) Travel Bed w/Leadscrew			Weldon	
120V Feed Assembly	64854		Hydraulic Motor Assembly 0.79 cu Inch (12.9 cu cm)	65263
230V Feed Assembly	65360		Hydraulic Motor Assembly 1.21 cu Inch (19.8 cu cm)	65094
Manual Feed Assembly	65306		Hydraulic Motor Assembly 1.93 cu Inch (31.6 cu cm)	65095
Pneumatic Feed Assembly	65310	9	HPU (Pendant, Cables & Hoses required)	
Bearing Block (does not include feed or handwheel)	65354		5HP HPU 200V-208V	66386
78 Inch (1981.2 mm) Travel Bed w/Leadscrew			5HP HPU 230V	66387
120V Feed Assembly	64855		5 HP HPU 380V - 415V	66389
230V Feed Assembly	65361		5HP HPU 460V	66388
Manual Feed Assembly	65307		5HP HPU 575V	66390
Pneumatic Feed Assembly	65311	10	Hose and Pendant Cable Assembly (2-Axis)	
Bearing Block (does not include feed or handwheel)	65355		Hose and Cable Kit ½ x 20 ft. (609.6 cm)	65146
4 Topslide, Spindle Drive or Extended Ram Assembly			Hose and Cable Kit ½ x 50 ft. (1524.0 cm)	65152
Electric			Hose and Cable Kit ½ x 100 ft. (3048.0 cm)	65155
120V Weldon Shank Topslide Assembly - INCH	65217			
120V Weldon Shank Topslide Assembly - METRIC	65218	Exp	and the capabilities of your PM4200 with the following Accessories:	
230V Weldon Shank Topslide Assembly - INCH	65219	20 i	inches (508 mm) of travel, 29 inch (736.6 mm) Bed Sub-Plates	39659
230V Weldon Shank Topslide Assembly - METRIC	65220	49 i	inches (1244.6 mm) of travel, 58 inch (1473.2 mm) Bed Sub-Plates	39795
Hydraulic Weldon Shank Topslide Assembly - INCH	65221	78 i	inches (1981.2 mm) of travel, 87 inch (2209.8 mm) Bed Sub-Plates	39793
Weldon Shank Topslide Assembly - METRIC	65222	Mill	ing Head Swivel Plate Assembly (for HSK only)	66217
Pneumatic	JULLE			
Weldon Shank Topslide Assembly - INCH	65223			
Weldon Shank Topslide Assembly - METRIC	65224			
Extended RAM Assembly (Only for HSK Milling Head)				
Extended RAM Assembly 12 inch (304.8 mm) Travel	71970			
Tool Post Blank				
Tool Post Blank Slide Assembly	38167			

# OPERATIONAL DIMENSIONS



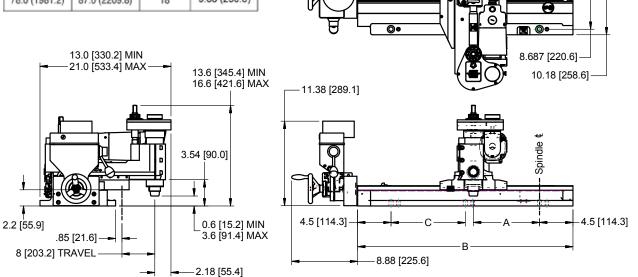
Model	Bed length	Mounting holes	Spacing
PM4200-20	29 inch (736.6 mm)	6	10 inch (254 mm)
PM4200-49	58 inch (1473.2 mm)	12	10 inch (254 mm)
PM4200-78	87 inch (2209.8 mm)	18	10 inch (254 mm)



PM4200 with Weldon Spindle

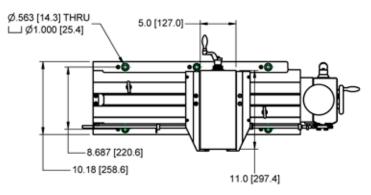
# OPERATIONAL DIMENSIONS

Dim. A Long. Travel	Dim. B Bed Length	No. of Mtg Holes	Dim. C Hole Spacing
20.0 (508.0)	29.0 (736.6)	6	10.5 (266.7)
49.0 (1244.6)	58.0 (1473.2)	12	10.0 (254.0)
78.0 (1981.2)	87.0 (2209.8)	18	9.88 (250.8)



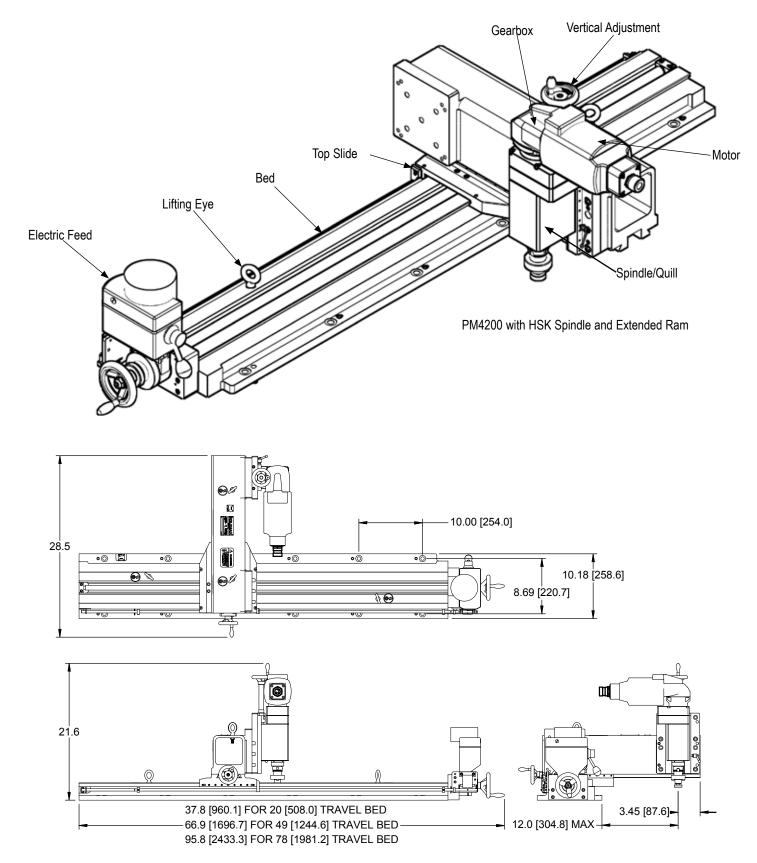
6.4 [162.6] TOOL SLIDE TRAVEL 6.03 [153.2] 2.28 [57.9] 2.17 [55.1]

PM4200 with Weldon Shank



Blank Tool Post

# OPERATIONAL DIMENSIONS



PM4200 W/ 12 INCH (304.8 MM) TRAVEL RAM FOR HSK SPINDLE

### CLIMAX GLOBAL LEARNING CENTER

Climax has been teaching the fundamentals and fine points of portable machine tool operation for practically as long as we've been inventing and building the tools.

At the Global Learning Center situated in our corporate headquarters near Portland, Oregon, we provide training for machine tool operators on portable machine tool safety and machine setup and operation. Trainees also receive technical tips and tools to improve operational efficiencies, with the vast majority of every program devoted to hands-on activities and skill development.

The Climax instructional team includes specialists in shipbuilding, power generation, civil engineering, bridge re-building, petrochemical and other industries.



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Call us today to register for a regularly scheduled class, or talk to us about how we can customize a training program for your specialized application.

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