

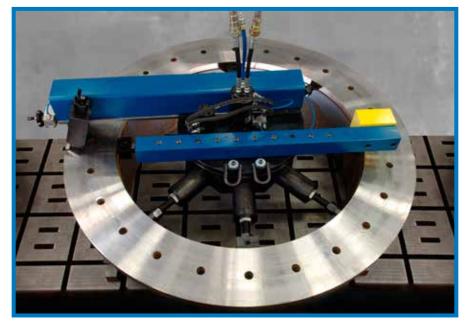
## **Rugged, Heavy-Duty Flange Facers**

#### **Rugged Machine Design**

- Large, heavy-duty construction-grade bearings provide powerful, rigid performance throughout the entire machine facing range, even machining over bolt hole patterns.
- Oversized ring gear accommodates extremely high torque levels for challenging flange repair applications, and these machines are able to generate a phonographic finish.

### Flexible and Versatile

- Both radial and axial feed is achieved with a pneumatic feedbox. Manual feeding for rapid positioning is also possible.
- Feed rate is adjusted remotely at the pneumatic conditioning unit, providing the ultimate in operator safety and the flexibility for feed rate adjustments even during machining operations.
- Infinitely variable feed rates from 0.002-0.035 in. (0.05 - 0.89 mm)/rev provides operational flexibility.
- Reversible feed box can be mounted to provide either radial or axial feed.
- Turning and counterweight arms can both be adjusted for the desired swing clearance and machining range.
- Pneumatic & hydraulic drive options available.



- Chucking system can be removed to allow the flange facer to be facemounted.
- · Can be mounted both OD and ID
- Tool head can be rotated a full 360° providing the ability to create a variety of chamfers, O-Ring grooves, lens rings and other angular surfaces as needed.
- Grinding option available for fine finish work.

#### Quick and Easy Setup

- Modular design allows many of the machine components to be removed to facilitate easier setup and storage.
- Unique chucking system minimizes parts to greatly simplify machine setup and tear down.
- Quick-adjust leveling feet make setup quick and easy.







	US	Metric
Machine Performance Ranges		
D: Mounting range Facing diameter range Grinding diameter range	30 - 72 inches 30 - 72 inches 30 - 72 inches	762.0 - 1828.8 mm 762.0 - 1828.8 mm 762.0 - 1828.8 mm
Swing diameter @ minimum with feedbox on end of arm	55.8 inches	1417.3 mm
Radial tool slide travel Axial tool head travel Depth required inside bore for ID chuck $(\pm 0.25$ inches $(\pm 6.4$ mm) is travel of leveling foot)	12 inches 4 inches 4.03 ± 0.25 inches	304.8 mm 101.6 mm 102.4 ± 6.4 mm
Feed Rate D: Mounting range * Facing diameter range Grinding diameter range (w/ feed box) Grinding diameter range (w/o feed box) Depth required inside bore for chuck Refer to ID for specifications not listed	0.002 - 0.035 in/rev 56.5 - 82.7 inches 30 - 72 inches 30 - 66 inches 30 - 71 inches 0 inches	0.051 - 0.889 mm/rev 1435.1 - 2100.6 mm 762.0 - 1828.8 mm 762.0 - 1676.4 mm 762.0 - 1803.4 mm 0 mm
otational Drive System rive type	Pneumatic or hydrau pinion and internal ri	
Pinion gear to ring gear reduction Single point turning speed range: Pneumatic Hydraulic (based on motor choice) Grinding speed ranges (with reducer): Pneumatic (rapid only, not in cut) Hydraulic (based on motor choice)	5.143:1 12 - 31 RPM 2.4 - 20 RPM 0.006 - 0.25 RPM (58 ipm @ 72 inch dia 0.01 - 0.54 RPM	
<sup>2</sup> ower input requirements Pneumatic - 3.5 Hp (2.6 kW) Hydraulic	95 ft³/min @ 90 psi 10 gpm @1200 psi	2.69 m³/min @ 620 kPa 37.9 L/min @ 8273 kPa
Measures For machine dimensions, please refer to dimensional drawings D machine weight, approximate DD machine weight, approximate	1500 lb 2020 lb	680.4 kg 916.3 kg
D Crate dimensions (WxDxH) Wood, approx. Metal, approx.	80.5 x 37 x 32 in 75.9 x 36.2 x 28.2 in	2045 x 940 x 813 mm 1928 x 920 x 716 mm
DD crate dimensions (WxDxH) Wood, approx. Metal, approx.	40 x 38.5 x 20 in 38.7 x 36.8 x 28.2 in	1016 x 978 x 508 mm 983 x 935 x 716 mm

\* OD mount minimum arm swing is 40 inches (1016 mm) diameter. An additional customer supplied structure will be required to chuck below the minimum swing diameter

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.

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Worldwide Phone: 1.503.538.2185 N. America Toll-Free: 1.800.333.8311 Fax: 1.503.538.7600 E-mail: Info@cpmt.com



### The FF7200 can be configured in several ways to meet your specific machining needs.

Select OPTION 1 for single pointing only Select OPTION 2 for milling only

Select OPTION 3 for BOTH milling and single pointing

### **OPTION 1:** To configure your FF7200 for Single-Point Machining Only

To configure your machine, please follow these steps.

10	configure your machine, please follow these step	DS.		Optio
1 2 3	Select a Base Package Select a Feed Assembly Select a Drive Motor Assembly			Grino Grino Grino
4 5 6 7 8 9 10 1	Select a Hydraulic Motor Select an Optional Grinder Attachment Select a Hydraulic Power Unit Select a Turning Arm Assembly Select a Counterweight Assembly Select a Chuck Assembly Select a Shipping Container Base Package Rotary table, tool kit, operator's manual, .	58184	6	Hydra For H Singl HPU HPU HPU HPU Singl
2	Feed Assembly Pneumatic Feed Assembly with Remote Air Control	58671		HPU HPU
3	Drive Motor Assembly Pneumatic Motor and Drive Assembly	58186		HPU HPU HPU
	(Pneumatic drive system includes: Pneumatic motor w/fittings and mount, rotary union, hoses, feed trip valve, cam, and pneumatic conditioning unit with low pressure drop out.) Hydraulic Drive Assy w/ Feed Conditioning Unit - DOES NOT INCLUDE MOTOR (Hydraulic drive system includes: Hyd motor mount, hoses, fittings, rotary union, feed trip valve, cam, and feed pneumatic conditioning u	<b>58180</b> nit.)		Pend 0.5 in 20 f 0.5 in 30 f 0.5 in 50 f
4	Hydraulic Motor (If Hydraulic drive is selected in step 3)		7	100
	Rated at 10 gpm, 1200 PSI Hydraulic Motor, 11.9 cu in (195.0 cu cm), 6 - 31 RPM	67730	7	Turni Turniı Milling
	Hydraulic Motor, 14.9 cu in (244.2 cu cm), 3.6 - 18 RPM	69216	8	Coun Coun
	Hydraulic Motor, 18.7 cu in (306.4 cu cm), 2.8 - 14 RPM	69217	9	Coun Chuc
	Hydraulic Motor, 24.0 cu in (393.3 cu cm), 2.2 - 11 RPM	69218	Ŭ	ID Ch OD C
	Hydraulic Motor, 29.8 cu in (488.3 cu cm), 1.8 - 9 RPM	69219	10	ID/OI
5	* Multiple units may be ordered. Optional Grinder Attachment		10	Shipp Wood
	Grinding Attachment for Pneumatic Table Drive Motor Grinding Attachment for Hydraulic Table Drive Motor Grinder Rotational Gearbox	62537 62570		Meta Wood Meta
	Slow Rotation Gearbox for Pneumatic Motor (gear ratio 160:1)	62568		
	Slow Rotation Gearbox for Hydraulic Motor (gear ratio 160:1)	62538		

Optional Grinder Attachment, cont'd der Tooling ding Wheel 1.5 in (38.1 mm), CBN 125 Grit 62633 ding Wheel 2.25 in (57.2 mm), CBN 125 Grit 62634 raulic Power Unit Hydraulic Drive Machine le Pump (single pointing only): J 230V, 10 HP (7.5 kW) Single pump 63264 J 380V, 10 HP (7.5 kW) Single pump 63265 J 415V, 10 HP (7.5 kW) Single pump 63266 J 460V, 10 HP (7.5 kW) Single pump 63267 J 575V, 10 HP (7.5 kW) Single pump 63268 le Pump with Air (for use with grinder): 230V, 10 HP (7.5 kW) Single pump with Air 62759 J 380V, 10 HP (7.5 kW) Single pump with Air 62760 J 415V, 10 HP (7.5 kW) Single pump with Air 62761 J 460V, 10 HP (7.5 kW) Single pump with Air 62762 J 575V, 10 HP (7.5 kW) Single pump with Air 62763 dant Cable, Hose in (12.7 mm) Hose and Pendant Cable Assy, 62799 ft (6.1 m) n (12.7 mm) Hose and Pendant Cable Assy, 62800 ft (9.1 m) in (12.7 mm) Hose and Pendant Cable Assy, 62801 ft (15.2 m) n (12.7 mm) Hose and Pendant Cable Assy, 62802 0 ft (30.5 m) ing Arm Assembly ning Arm Assembly with Single Point Tool Head 57873 ng Arm Assembly w/ Single Poiint Tool Head 62577 nterweight Assembly nterweight Assembly 58063 nterweight Milling Arm Assembly 62514 ck Assembly huck Assembly 57877 61451 Chuck Assembly D Chuck Assembly 61453 ping Container 58358 den Crate for ID Mount Machine al Container for ID Mount Machine 59304 oden Crate Set for ID/OD Mount Machine 62678 al Container Set for ID/OD Mount Machine 61723

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# **CONFIGURATIONS**

### **OPTION 2:** To configure your FF7200 for Milling Only

To 1 2 3 4 5 6 7 8 9 10 11 12	Select a Chuck Assembly	IS.		Dual hydra HPU HPU HPU HPU Pend 0.75 20 f 0.75 30 f
1	Base Package Rotary table, tool kit, drag brake assemblies,. operator's manual.	62569		0.75 50 f 0.75 100
2	Drive Motor Assembly Pneumatic Motor and Drive Assembly (Pneumatic drive system includes: Pneumatic motor w/fittings and mount, gearbox, rotary union, hoses, feed trip valve, and pneumatic conditioning unit with low pressure drop out.) Hydraulic Drive Assy w/Gearbox & Feed Conditioning Unit - DOES NOT INCLUDE MOT (Hydraulic drive system includes: Hyd motor mount, gearbox, hoses, fittings, and rotary unic			Pend 0.5 ir & P 0.5 ir & P 0.5 ir & P 0.5 ir & P
3	Hydraulic Motor (If Hydraulic drive is selected in step 2) Rated at 10 gpm, 1200 PSI Fast RPM = Single Point Machining / Slow RPM Hydraulic Motor, 4.9 cu in (80.3 cu cm), 24 - 80 RPM / 0.15 - 0.50 RPM Hydraulic Motor, 8.0 cu in (131.1 cu cm),	= Milling 69213 69214	6 7 8	Turni Millin Cour Cour Millin Millin Millin
	16 - 48 RPM / 0.10 - 0.30 RPM Hydraulic Motor, 11.9 cu in (195.0 cu cm), 6 - 31 RPM / 0.04 - 0.19 RPM Hydraulic Motor, 24.0 cu in (393.3 cu cm) 3.2 - 16 RPM / 0.015 - 0.07 RPM * Multiple units may be ordered.	67730 69218	9	Millin Millin Toolin #50, #50, #50, #50,
	Optional Grinder Attachment Grinding Attachment for Pneumatic Table Drive Motor Grinding Attachment for Hydraulic Table Drive Motor (tool head included) Grinder Tooling Grinding Wheel 1.5 in (38.1 mm), CBN 125 Grit Grinding Wheel 2.25 in (57.2 mm), CBN 125 Grit	62588 62633	10 11	#50, I Carb Millin Millin Hydra Hydra Hydra
5	Hydraulic Power Unit Single Pump (for pneumatic table rotation): HPU 230V, 25HP Single pump with Air HPU 380V, 25HP Single pump with Air HPU 415V, 25HP Single pump with Air HPU 460V, 25HP Single pump with Air HPU 575V, 25HP Single pump with Air Dual Pump (with air) For hydraulic table rotation hydraulic milling head, and air for grinding attact HPU 230V, 25HP Dual Pump with Air	62774 62775 62776 62777 62778	12	Hydra Hydra Hydra Hydra
	HPU 230V, 25HP Dual Pump with Air HPU 380V, 25HP Dual Pump with Air HPU 415V, 25HP Dual Pump with Air HPU 460V, 25HP Dual Pump with Air HPU 575V, 25HP Dual Pump with Air	62779 62780 62781 62782 62783		Wood Meta Wood Meta

### Dual Pump (for hydraulic table rotation and

hydraulic milling head)	
hydraulic milling head) HPU 230V, 25HP Dual Pump	62784
HPU 380V, 25HP Dual Pump	62785
HPU 415V, 25HP Dual Pump	62786
HPU 460V, 25HP Dual Pump	62787
HPU 575V, 25HP Dual Pump	62788

### Pendant Cable & Hose, Single Pump

- 0.75 in (19.1 mm) Hose and Pendant Cable Assy, 62803 20 ft (6.1 m)
- 0.75 in (19.1 mm) Hose and Pendant Cable Assy, **62804** 30 ft (9.1 m)
- 0.75 in (19.1 mm) Hose and Pendant Cable Assy, 62805 50 ft (15.2 m)
- 0.75 in (19.1 mm) Hose and Pendant Cable Assy **62806** 100 ft (30.75 m)

#### Pendant Cable & Hose, Dual Pump

- 0.5 in (12.7 mm) & 0.75 in (19.1 mm) Dual Hose 62807 & Pendant Cable Assy, 20 ft (6.1 m)
- 0.5 in (12.7 mm) & 0.75 in (19.1 mm) Dual Hose 62808 & Pendant Cable Assy, 30 ft (9.1 m)
- 0.5 in (12.7 mm) & 0.75 in (19.1 mm) Dual Hose 62809 & Pendant Cable Assy, 50 ft (15.2 m)
- 0.5 in (12.7 mm) & 0.75 in (19.1 mm) Dual Hose 62810 & Pendant Cable Assy,100 ft (30.5 m)

## Turning Arm Assembly Milling Arm Assembly (does not include tool head) 60869

- 7 Counterweight Assembly Counterweight Milling Arm Assembly 62414
- Milling Head62282Milling Head Assembly Inch #50 Taper NMTB62282Milling Head Assembly Inch #50 Taper CATV62734Milling Head Assembly Metric #50 Taper NMTB62644Milling Head Assembly Metric #50 Taper CATV62735
- ng Head Swivel Plate Assembly 63250 Iraulic Motor raulic Motor Assembly 8.0 cu in (131.1 cu cm) 53459 raulic Motor Assembly 9.6 cu in (157.3 cu cm) 53458 raulic Motor Assembly 11.9 cu in (195.0 cu cm) 46950 raulic Motor Assembly 14.9 cu in (244.2 cu cm) 46375 Iraulic Motor Assembly 18.7 cu in (306.4 cu cm) 46549 raulic Motor Assembly 24.0 cu in (393.3 cu cm) 46550 1 ick Assembly Chuck Assembly 57877 Chuck Assembly for Turning with Milling Arm 62665 D Chuck Assembly for Turning with Milling Arm 62672 oping Container oden Crate for ID Mount Machine 58358

	00000
Metal Container for ID Mount Machine	59304
Wooden Crate Set for ID/OD Mount Machine	62678
Metal Container Set for ID/OD Mount Machine	61723

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# **TOOL CONFIGURATIONS**

### **OPTION 3:** To configure your FF7200 for Milling AND Single Point Machining

То	configure your machine, please follow these ste	ps.		ŀ
1 2	Select a Base Package Select a Feed Assembly			ł
3	Select a Drive Motor Assembly			l
4	Select a Hydraulic Motor			r
5	Select an Optional Grinder Attachment			ł
6 7	Select a Hydraulic Power Unit Select a Turning Arm Assembly			ŀ
8	Select a Counterweight Assembly			ŀ
9	Select a Milling Head			ŀ
10 11	Select a Hydraulic Motor			F
12	Select Tooling Select a Chuck Assembly			(
13	Select a Shipping Container			~
1	Base Package Rotary table, tool kit, drag brake assemblies,.	62623		0
	operator's manual.			U
2	Feed Assembly Pneumatic Feed Assembly w/ Remote Air Control	58671		0
3	Drive Motor Assembly			F
	Pneumatic Motor and Drive Assembly (Pneumatic drive system includes: Pneumatic motor w/fittings and mount, gearbox, rotary	62591		C
	union, hoses, feed trip valve, cam, & pneumatic conditioning unit with low pressure drop out.)			(
	Hydraulic Drive Assy w/Gearbox & Feed Conditioning Unit - DOES NOT INCLUDE	62594		0
	MOTOR (Hydraulic drive system includes: Hydraulic motor mount, gearbox, hoses,			C
	fittings, rotary union, feed trip valve, cam, and feed pneumatic conditioning unit.)		7	1
4 ⊦	lydraulic Motor		0	N
	(If Hydraulic drive is selected in step 3) Rated at 10 gpm, 1200 PSI Fast RPM = Single Point Machining / Slow RPM = Milling		8	
	Hydraulic Motor, 4.9 cu in (80.3 cu cm), 24 - 80 RPM / 0.15 - 0.50 RPM	69213	9	N N N
	Hydraulic Motor, 8.0 cu in (131.1 cu cm), 16 - 48 RPM / 0.10 - 0.30 RPM	69214		N
	Hydraulic Motor, 11.9 cu in (195.0 cu cm), 6 - 31 RPM / 0.04 - 0.19 RPM	67730		(
	Hydraulic Motor, 14.9 cu in (244.2 cu cm), 4.5 - 24 RPM / 0.03 - 0.15 RPM	69216	11	#
	Hydraulic Motor, 18.7 cu in (306.4 cu cm), 4 - 20 RPM / 0.025 - 0.12 RPM	69217		# #
	Hydraulic Motor, 24.0 cu in (393.3 cu cm), 3.2 - 16 RPM / 0.02 - 0.1 RPM	69218		#
	Hydraulic Motor, 29.8 cu in (488.3 cu cm),	69219	40	0
	2.4 - 12 RPM / 0.015 - 0.07 RPM * Multiple units may be ordered.		12	N
5 0	Optional Grinder Attachment		10	
5 0	Grinding Attachment for Pneumatic Table Drive Motor	62537	10	ŀ
	Grinding Attachment for Hydraulic Table Drive Motor	62570		ŀ
	Grinder Tooling			ŀ
	Grinding Wheel 1.5 in (38.1 mm), CBN 130 Grit	62633		ŀ
	Grinding Wheel 2.25 in (57.2 mm), CBN 130 Grit	62634		F
6	Hydraulic Power Unit		12	
	Single Pump (for pneumatic table rotation): HPU 230V, 25HP Single pump with Air	62774	-	
	HPU 380V, 25HP Single pump with Air	62775		(
	HPU 415V, 25HP Single pump with Air	62776		I
	HPU 460V, 25HP Single pump with Air	62777 62779	13	9
	HPU 575V, 25HP Single pump with Air Dual Pump (with air) for hydraulic table rotation,	62778		۷
	hydraulic milling head, and air for grinding attachme	nt:		N
	HPU 230V, 25HP Dual Pump with Air	62779		V
	HPU 380V, 25HP Dual Pump with Air	62780		Ν

	HPU 415V, 25HP Dual Pump with Air HPU 460V, 25HP Dual Pump with Air HPU 575V, 25HP Dual Pump with Air Dual Pump (for hydraulic table rotation and hydraulic	62781 62782 62783
	milling head): HPU 230V, 25HP Dual Pump HPU 380V, 25HP Dual Pump HPU 415V, 25HP Dual Pump HPU 460V, 25HP Dual Pump HPU 575V, 25HP Dual Pump	62784 62785 62786 62787 62788
	Pendant Cable & Hose, Single Pump 0.75 in (19.1 mm) Hose and Pendant Cable Assy, 20 ft (6.1 m)	62803
	0.75 in (19.1 mm) Hose and Pendant Cable Assy, 30 ft (9.1 m)	62804
	0.75 in (19.1 mm) Hose and Pendant Cable Assy, 50 ft (15.2 m)	62805
	0.75 in (19.1 mm) Hose and Pendant Cable Assy, 100 ft (30.75 m)	62806
	Pendant Cable & Hose, Dual Pump 0.5 in (12.7 mm) & 0.75 in (19.1 mm) Dual Hose & Pendant Cable Assy, 20 ft (6.1 m)	62807
	0.5 in (12.7 mm) & 0.75 in (19.1 mm) Dual Hose & Pendant Cable Assy, 30 ft (9.1 m)	62808
	0.5 in (12.7 mm) & 0.75 in (19.1 mm) Dual Hose & Pendant Cable Assy, 50 ft (15.2 m)	62809
	0.5 in (12.7 mm) & 0.75 in (19.1 mm) Dual Hose & Pendant Cable Assy,100 ft (30.5 m)	62810
	Turning Arm Assembly Milling Arm Assembly with Single Point Tool Head	62577
	Counterweight Assembly Counterweight Milling Arm Assembly	62526
	Milling Head Milling Head Assembly Inch #50 Taper NMTB	62282
	Milling Head Assembly Inch #50 Taper CATV	62734
	Milling Head Assembly Metric #50 Taper NMTB	62644
	Milling Head Assembly Metric #50 Taper CATV	62735
	Optional Milling Head Swivel Plate	63250
1	Tooling (for inch milling head assembly only)	
	#50, NMTB 4 in (101.6 mm) Face Mill w/ Inserts	47383
	#50, NMTB 5 in (127.0 mm) Face Mill w/ Inserts	47384
	#50, NMTB 6 in (145.4 mm) Face Mill w/ Inserts	47385
	#50, NMTB 8 in (203.2 mm) Face Mill w/ Inserts	47386
	#50, NMTB 10 in (254.0 mm) Face Mill w/ Inserts	56175
	Carbide Inserts	47229
2	Milling Head Swivel Assembly	
0	Milling Head Swivel Plate Assembly Hydraulic Motor for Milling Head	63250
	Hydraulic Motor Assembly 8.0 cu in (131.1 cu cm)	53459
	Hydraulic Motor Assembly 9.6 cu in (157.3 cu cm)	53458
	Hydraulic Motor Assembly 11.9 cu in (195.0 cu cm)	46950
	Hydraulic Motor Assembly 14.9 cu in (244.2 cu cm)	46375
	Hydraulic Motor Assembly 18.7 cu in (306.4 cu cm)	46549
2	Hydraulic Motor Assembly 24.0 cu in (393.3 cu cm) Chuck Assembly	46550
	ID Chuck Assembly	57877
	OD Chuck Assembly for Milling Arm	62668
2	ID/OD Chuck Assembly for Milling Arm	62676
3	Shipping Container Wooden Crate for ID Mount Machine	50250
	Moden Crate for ID Mount Machine Metal Container for ID Mount Machine	58358 59304
	Wooden Crate Set for ID/OD Mount Machine	59304 62678
	Metal Container Set for ID/OD Mount Machine	61723
		01120

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## A Fast Eight-Step Process

This model is so fast and easy to set up that an experienced operator can usually mount the machine into the flange bore, align it, and start cutting in less than an hour.

Measure the bore diameter. This will be used to determine the leg length.



Set machine onto flange using setup fingers. Lightly tighten leveling feet in the flange.



2

Select the appropriate leg length and foot.



Extend feet into flange. Indicate, level and tighten leveling feet and stationary feet.

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Install setup fingers.



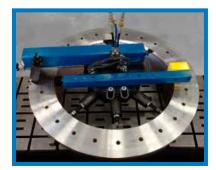
Install tool bit. Connect to power.



Tighten legs.



You are ready to begin machining!



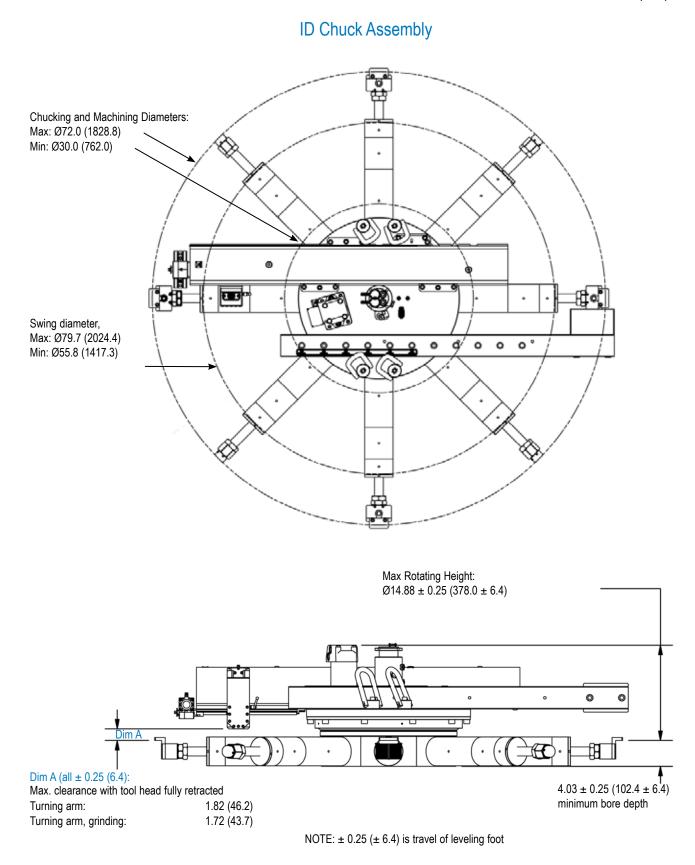
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# **OPERATIONAL DIMENSIONS**

Dimensions in Inch (mm)

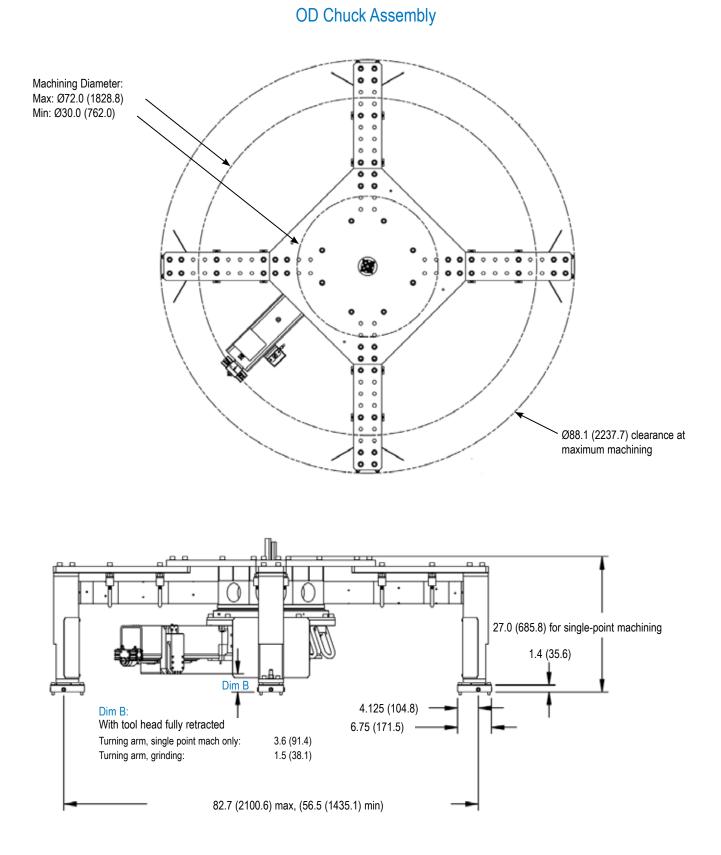


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# **OPERATIONAL DIMENSIONS**

Dimensions in Inch (mm)

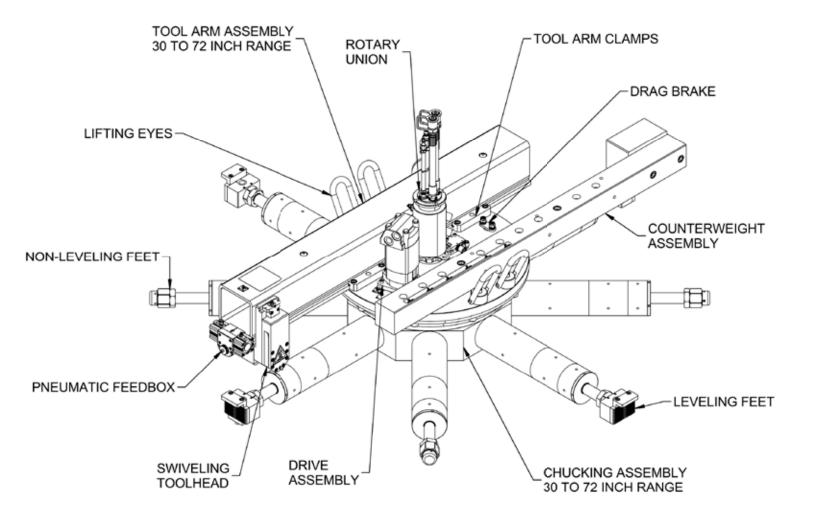


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# **OPERATIONAL DIMENSIONS**



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# **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.

Whether it's a regularly scheduled course at the Global Learning Center, or custom curriculum conducted at your facility, your machinists will benefit from courses developed by some of the most respected authorities in the business.



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.

## **Call Climax for:**

### On-site Training

Need some refresher courses in setting up and operating your Climax machine tool?

### **Special Projects**

Climax has been solving complicated on-site machining and welding problems for our customers since 1964.

### Rentals

With 14 worldwide rental depot locations, you are never far away from a Climax portable machine tool.

## **Climax Global Locations**



### World Headquarters

2712 E. Second Street Newberg, Oregon 97132 USA Worldwide Telephone: 1.503.538.2185 N. America Toll-Free: 1.800.333.8311 Fax: 1.503.538.7600 Email: info@cpmt.com

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