



1.855.GO.ATLAS (462-8527)

24/7 SERVICE

WWW.ATLASMACHINE.COM

INFO@ATLASMACHINE.COM

# ON-SITE FIELD SERVICE EQUIPMENT LIST

\*CUSTOM MACHINES CAN BE DESIGNED, ENGINEERED AND BUILT FOR ANY ON-SITE MACHINING, WELDING, OR GRINDING NEED.

Machine & Supply, Inc.

MACHINE TYPE	CAPACITY RANGE	POWER REQUIRED	NOTES
<b>Key Mill Machines</b>			
KM 3000 KM 4000	1/8" to 3" wide, X length unlimited *	110V	Linear mills will be used for any keyway over 3" with fixture
<b>Linear Milling Machines</b>			
MINI MILLS (2) LM 5200 LM 6000 (4) PM 3000	Face mills up to 8", X travel = 168", Y travel = 30", Z travel = 8"	110V, 480V, 25 HP HPU, 90 PSI	
<b>Gantry Mill</b>			
	Face mill up to 10", X travel = 480", Y travel = 156, Z travel = 8"	110V, 480V, 25 HP HPU, 90 PSI	X travel is unlimited
<b>Linear Grinding Machines</b>			
Grinding Attachment	Wheels up to 8", X travel = 144", Y travel = 32"	110V, 480V, 25 HP HPU, 90 PSI	Custom modification available
<b>Circular Milling Machines</b>			
CM 6200 CM 6195-S1	79" to 200" diameter range	110V, 480V, 25 HP HPU, 90 PSI	240" with custom modification
<b>CNC Milling Machines</b>			
CNC 1000	Up to 7" I.D. and Up to 4" O.D. threads, Travel: X 9", Y 9", Z 12"	110V, 480V, 25 HP HPU, 90 PSI	Footprint: 30" X, 36" Y, 42" Z
<b>Drills</b>			
D 30	Z 3.5" – 16.38' tall – 1/2" twist drill, 1 3/16" annular	110V	3/4" Welden
MAB 485 (2)	Z 6.375" – 23.54" tall – 7/8" twist drill, 2" annular	110V	Morse taper 2
MAB 525	Z 6.375" – 25.08" tall – 1" twist drill, 2 1/2" annular	110V	Morse taper 3
MAB 825 (2)	Z 10" – 28.54" tall – 1 1/4" twist drill, 2" annular	110V	Morse taper 3
MAB 1300 (6)	Z 12" – 34.45" tall – 1 3/4" twist drill, 5 1/8" annular	110V	Morse taper 4
Lamina 4 & 5	Z 25" – 41 3/4" tall – 2 1/2" drill – 2 1/2" tap	110V & 480V, 90 PSI	Morse taper 5
Atlas High Torque	Z 24" – 55" tall – 5" drill – 5" tap	110V & 480V, 90 PSI	Cat 50
<b>Flange Facers</b>			
FF 1000 FF 3000 (OD MOUNT) FF 5000 FF 5300 FF 62 00 Single Point FF 72 00 Single Point FF 8200 Single Point	Set up and facing ranging from 1.5" up to 120" diameter	PNEUMATIC 90 PSI  110V, 480V, 25 HP HPU, 90 PSI	OD Mount up to 12"  OD Mounts available up to 120"

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<b>Boring Drive Unit</b>			
<b>Boring Bars</b>			
<b>BB 3000</b>			
24" BAR	Range is 1.5" to 5" boring and facing	110V	1 1/4" Bar size
48" BAR			
72" BAR			
96" BAR			
<b>BB 5000 (3)</b>			
24" BAR	Range is 2.5" to 24" boring and facing	110V or 480V	2 1/4" Bar size
48" BAR			
72" BAR			
96" BAR			
<b>BB 6100 (3)</b>			
72" BAR	Range is 9" to 38" boring and facing	110V, 480V, 25 HP HPU, 90 PSI	3 1/2" Bar size
108" BAR			
120" BAR			
132" BAR			
144" BAR			
168" BAR			
<b>BB 7100 (2)</b>			
96" BAR (2)	Range is 10.5" to 57" boring and facing	110V, 480V, 25 HP HPU, 90 PSI	5" Bar size
144" BAR			
<b>BB 8100 (2)</b>			
96" BAR (2)	Range is 18" to 98" boring and facing	110V, 480V, 25 HP HPU, 90 PSI	Custom modifications available 8" Bar size
120" BAR (2)			
144" BAR			
168" BAR			
240" BAR			
<b>Portable Lathes</b>			
PL 2000	Shaft size: 1.5" to 9" O.D., 12.5" length	110V	Custom modification O.D. & length
PL 3000	Shaft size: 4" to 11.5" O.D., 22" length	Pneumatic 90 PSI @ 30 ft 3/min	Custom modification O.D. & length
PL 4000 (Available)	Shaft size: 8" to 24" O.D., 24" length*	Pneumatic 90 PSI @ 48 ft 3/min	Custom modification O.D. & length
<b>Laser Trackers</b>			
FARO ION (3)	180' with .003" tolerance in controlled environment	110V	Tracker can be moved using a coordinate system
Leica			
<b>Coupling Alignment</b>			
SKF	.8" to 11.8' shaft diameter	16-hour battery	Longer chain available
<b>Portable Welder</b>			
500 AMP	12" to 120" bore weld	Diesel/Gas	
250 AMP		480 volts	
Suitcase Welder (4)		Power source	
BW 5000		Power source	