



Tuson Key Factory Equipment Listing Revision 14 June 2021

<u>Machine Category</u>	<u>Picture On Tuson Website Examples Page?</u>	<u>Location</u>	<u>Machine Description</u>	<u>Manufacturer</u>	<u>Country</u>	<u>Model</u>	<u>Number of Machines</u>	<u>Processing Size Capabilities in mm (inches)</u>	<u>Precision in mm (inches)</u>	<u>Other Characteristics</u>
CNC Lathes	No	Tuson / Jiaxing	CNC Automatic Lathe	Tsugami	Japan	BO205	1	Diameter = 20 (.79) Length = 210 (8.27)	X-Axis Positioning Accuracy: 0.003 (0.0001) Z-Axis Positioning Accuracy: 0.003 (0.0001) Inner and Outer Diameter: 0.012 (0.0004) Length: 0.012 (0.0004) Roundness: 0.01 (0.0004)	Dual input with automatic feeder; Can process continuously without interruption
CNC Lathes	No	Tuson / Jiaxing	CNC Automatic Lathe	Tsugami	Japan	BO206	1	Diameter = 20 (.79) Length = 210 (8.27)	X-Axis Positioning Accuracy: 0.003 (0.0001) Z-Axis Positioning Accuracy: 0.003 (0.0001) Inner and Outer Diameter: 0.012 (0.0004) Length: 0.012 (0.0004) Roundness: 0.01 (0.0004)	Dual input with automatic feeder; Can process continuously without interruption
CNC Lathes	Yes	Tuson / Jiaxing	CNC Automatic Lathe	Tsugami	Japan	BO265	1	Diameter = 26 (1.02) Length = 180 (7.09)	X-Axis Positioning Accuracy: 0.003 (0.0001) Z-Axis Positioning Accuracy: 0.003 (0.0001) Inner and Outer Diameter: 0.012 (0.0004) Length: 0.012 (0.0004) Roundness: 0.01 (0.0004)	Dual input with automatic feeder; Can process continuously without interruption
CNC Lathes	No	Tuson / Jiaxing	CNC Turret Lathe	Wu Jiang	Taiwan	VT-17L	3	Diameter = 200 (7.87) Length = 370 (14.57)	X-Axis Positioning Accuracy: 0.005 (0.0002) Z-Axis Positioning Accuracy: 0.005 (0.0002) Inner and Outer Diameter: 0.015 (0.0006) Length: 0.015 (0.0006) Roundness: 0.01 (0.0004)	Equipped with a tailstock
CNC Lathes	No	Tuson / Jiaxing	CNC Turret Lathe	Wu Jiang	Taiwan	VT-17LMC	1	Diameter = 200 (7.87) Length = 370 (14.57)	X-Axis Positioning Accuracy: 0.005 (0.0002) Z-Axis Positioning Accuracy: 0.005 (0.0002) Inner and Outer Diameter: 0.015 (0.0006) Length: 0.015 (0.0006) Roundness: 0.01 (0.0004)	Equipped with a tailstock
CNC Lathes	No	Tuson / Jiaxing	CNC Turret Lathe	Wu Jiang	Taiwan	VT-18LMC	1	Diameter = 200 (7.87) Length = 500 (19.69)	X-Axis Positioning Accuracy: 0.005 (0.0002) Z-Axis Positioning Accuracy: 0.005 (0.0002) Inner and Outer Diameter: 0.015 (0.0006) Length: 0.015 (0.0006) Roundness: 0.01 (0.0004)	Equipped with a tailstock
CNC Lathes	No	Tuson / Jiaxing	CNC Turret Lathe	Takisawa / Long Ze	Taiwan	EX-308	1	Diameter = 260 (10.24) Length = 530 (20.87)	X-Axis Positioning Accuracy: 0.005 (0.0002) Z-Axis Positioning Accuracy: 0.005 (0.0002) Inner and Outer Diameter: 0.015 (0.0006) Length: 0.015 (0.0006) Roundness: 0.01 (0.0004)	Equipped with a tailstock

CNC Lathes	No	Tuson / Jiaying	CNC Turret Lathe	Takisawa / Long Ze	Taiwan	CX15	1	Diameter = 150 (5.91) Length = 240 (9.45)	X-Axis Positioning Accuracy: 0.003 (0.0001) Y-Axis Positioning Accuracy: 0.003 (0.0001) Z-Axis Positioning Accuracy: 0.003 (0.0001) Inner and Outer Diameter: 0.012 (0.0005) Length: 0.012 (0.0005) Roundness: 0.01 (0.0004)	Linear rail design
CNC Lathes	No	Tuson / Jiaying	CNC Double Spindle Double Turret Lathe	Nakamura-Tome	Japan	WY100	1	Diameter = 42 (1.65) Length = 175 (6.89)	X-Axis Positioning Accuracy: 0.003 (0.0001) Y-Axis Positioning Accuracy: 0.003 (0.0001) Z-Axis Positioning Accuracy: 0.003 (0.0001) Inner and Outer Diameter: 0.012 (0.0005) Length: 0.012 (0.0005) Roundness: 0.01 (0.0004)	Compound processing machine; Spindles and turrets can work simultaneously
CNC Lathes	Yes	Tuson / Jiaying	CNC Y-Axis Turret Lathe	Nakamura	Japan	AS200	3	Diameter = 300 (11.81) Length = 340 (13.39)	X-Axis Positioning Accuracy: 0.003 (0.0001) Y-Axis Positioning Accuracy: 0.003 (0.0001) Z-Axis Positioning Accuracy: 0.003 (0.0001) Inner and Outer Diameter: 0.012 (0.0005) Length: 0.012 (0.0005) Roundness: 0.01 (0.0004)	Compound processing machine; Can do milling and turning simultaneously; Also equipped with a tailstock
CNC Lathes	No	Tuson / Jiaying	CNC Y-Axis Row Lathe	Yang Mu	China	CNC46C-IV	2	Diameter = 45 (1.77) Length = 300 (11.81)	X-Axis Positioning Accuracy: 0.003 (0.0001) Y-Axis Positioning Accuracy: 0.003 (0.0001) Z-Axis Positioning Accuracy: 0.003 (0.0001) Inner and Outer Diameter: 0.012 (0.0005) Length: 0.012 (0.0005) Roundness: 0.01 (0.0004)	Compound processing machine; Can do milling and turning simultaneously; Linear rail design
CNC Lathes	No	Tuson / Jiaying	CNC Row Lathe	Yang Mu	China	CNC46-C	6	Diameter = 45 (1.77) Length = 300 (11.81)	X-Axis Positioning Accuracy: 0.003 (0.0001) Y-Axis Positioning Accuracy: 0.003 (0.0001) Z-Axis Positioning Accuracy: 0.003 (0.0001) Inner and Outer Diameter: 0.012 (0.0005) Length: 0.012 (0.0005) Roundness: 0.01 (0.0004)	Linear rail design
Grinding, Honing, and Polishing Equipment & Machinery	Yes	Tuson / Jiaying	CNC Four-Axis Centerless Grinder	HuxinC / Xie Hong	China	FX-18CNC	1	Diameter = 60 (2.36) Length = 150 (5.91)	X-Axis Positioning Accuracy: 0.002 (0.0001) Inner and Outer Diameter: 0.002 (0.0001) Roundness: 0.005 (0.0002)	
Grinding, Honing, and Polishing Equipment & Machinery	Yes	Tuson / Jiaying	Centerless Grinder	Paragon	Taiwan	RC-18	2	Diameter = 60 (2.36) Length = 150 (5.91)	X-Axis Positioning Accuracy: 0.002 (0.0001) Inner and outer diameter: 0.005 (0.0002) Roundness: 0.005 (0.0002)	Automatic feeding mechanism
Grinding, Honing, and Polishing Equipment & Machinery	Yes	Tuson / Jiaying	Top-Center Grinder	Shigiya	Japan	GPS-30B	2	Diameter = 100 (3.94) Length = 500 (19.69)	X-Axis Positioning Accuracy: 0.002 (0.0001) Inner and Outer Diameter: 0.002 (0.0001) Roundness: 0.005 (0.0002)	

Grinding, Honing, and Polishing Equipment & Machinery	No	Tuson / Jiaxing	Top-Center Grinder	Da Guang / Palmary	China	GU20x40NC	1	Diameter = 200 (7.87) Length = 400 (15.75)	X-Axis Positioning Accuracy: 0.002 (0.0001) Inner and outer diameter: 0.005 (0.0002) Roundness: 0.005 (0.0002)	
Grinding, Honing, and Polishing Equipment & Machinery	No	Tuson / Jiaxing	Top-Center Grinder	HuxinC	China	FX20P-50CNC	1	Diameter = 200 (7.87) Length = 500 (19.69)	X-Axis Positioning Accuracy: 0.002 (0.0001) Inner and outer diameter: 0.005 (0.0002) Roundness: 0.005 (0.0002)	
Grinding, Honing, and Polishing Equipment & Machinery	No	Tuson / Jiaxing	Top-Center Grinder	Hotman	China	FX27-55CNC	2	Diameter = 270 (10.63) Length = 550 (21.65)	X-Axis Positioning Accuracy: 0.002 (0.0001) Inner and outer diameter: 0.005 (0.0002) Roundness: 0.005 (0.0002)	
CNC Machining Centers	Yes	Tuson / Jiaxing	CNC Machining Center	Xie Hong	Taiwan	HCMC1270	3	X-Axis Travel = 1270 (50) Y-Axis Travel = 650 (25.6) Z-Axis Travel = 630 (24.8)	X-Axis Positioning Accuracy: 0.005 (0.0002) Y-Axis Positioning Accuracy: 0.005 (0.0002) Z-Axis Positioning Accuracy: 0.005 (0.0002) Length: 0.015 (0.0006) Roundness: 0.01 (0.0004)	40 tool magazine; Equipped with a fourth (rotating) axis & tailstock function; Has a clamping function; Multiple surfaces processing capability
CNC Machining Centers	No	Tuson / Jiaxing	CNC Machining Center	Xie Hong	Taiwan	PRO-1000	1	X-Axis Travel = 1000 (39.4) Y-Axis Travel = 630 (24.8) Z-Axis Travel = 630 (24.8)	X-Axis Positioning Accuracy: 0.005 (0.0002) Y-Axis Positioning Accuracy: 0.005 (0.0002) Z-Axis Positioning Accuracy: 0.005 (0.0002) Length: 0.015 (0.0006) Roundness: 0.01 (0.0004)	30 tool magazine; Equipped with a fourth (rotating) axis function; Has a clamping function; Multiple surfaces processing capability
CNC Machining Centers	No	Tuson / Jiaxing	CNC Machining Center	Xie Hong	Taiwan	PRO-800	1	X-Axis Travel = 800 (31.5) Y-Axis Travel = 510 (20.1) Z-Axis Travel = 630 (24.8)	X-Axis Positioning Accuracy: 0.005 (0.0002) Y-Axis Positioning Accuracy: 0.005 (0.0002) Z-Axis Positioning Accuracy: 0.005 (0.0002) Length: 0.015 (0.0006) Roundness: 0.01 (0.0004)	24 tools; Equipped with a fourth (rotating) axis function; Has a clamping function; Multiple surfaces processing capability
CNC Machining Centers	No	Tuson / Jiaxing	CNC Machining Center	Kiwa	China	V211-R	3	X-Axis Travel = 610 (24) Y-Axis Travel = 410 (16.1) Z-Axis Travel = 510 (20.1)	X-Axis Positioning Accuracy: 0.005 (0.0002) Y-Axis Positioning Accuracy: 0.005 (0.0002) Z-Axis Positioning Accuracy: 0.005 (0.0002) Length: 0.015 (0.0006) Roundness: 0.01 (0.0004)	Two tables each machine; Equipped with a fourth (rotating) axis & tailstock function; Has a clamping function; Multiple surfaces processing capability
CNC Machining Centers	No	Tuson / Jiaxing	CNC Machining Center	Wu Jiang	Taiwan	TP-50E	1	X-Axis Travel = 500 (19.7) Y-Axis Travel = 300 (11.8) Z-Axis Travel = 460 (18.1)	X-Axis Positioning Accuracy: 0.005 (0.0002) Y-Axis Positioning Accuracy: 0.005 (0.0002) Z-Axis Positioning Accuracy: 0.005 (0.0002) Length: 0.015 (0.0006) Roundness: 0.01 (0.0004)	14 tools; Equipped with a fourth (rotating) axis & tailstock function; Has a clamping function; Multiple surfaces processing capability

CNC Machining Centers	No	Tuson / Jiaxing	CNC Machining Center	Xin You	Taiwan	V4XP	1	X-Axis Travel = 610 (24) Y-Axis Travel = 520 (20.5) Z-Axis Travel = 560 (22)	X-Axis Positioning Accuracy: 0.005 (0.0002) Y-Axis Positioning Accuracy: 0.005 (0.0002) Z-Axis Positioning Accuracy: 0.005 (0.0002) Length: 0.015 (0.0006) Roundness: 0.01 (0.0004)	40 tools; Equipped with a fourth (rotating) axis & tailstock function; Has a clamping function; Multiple surfaces processing capability
CNC Machining Centers	No	Tuson / Jiaxing	CNC Machining Center	Xin You	Taiwan	V4.5XP	1	X-Axis Travel = 800 (31.5) Y-Axis Travel = 520 (20.5) Z-Axis Travel = 600 (23.6)	X-Axis Positioning Accuracy: 0.005 (0.0002) Y-Axis Positioning Accuracy: 0.005 (0.0002) Z-Axis Positioning Accuracy: 0.005 (0.0002) Length: 0.015 (0.0006) Roundness: 0.01 (0.0004)	60 tools; Equipped with a fourth (rotating) axis & tailstock function; Has a clamping function; Multiple surfaces processing capability
CNC Machining Centers	No	Tuson / Jiaxing	CNC Machining Center	Gromax	China	GRM-850V	1	X-Axis Travel = 800 (31.5) Y-Axis Travel = 520 (20.5) Z-Axis Travel = 560 (22)	X-Axis Positioning Accuracy: 0.005 (0.0002) Y-Axis Positioning Accuracy: 0.005 (0.0002) Z-Axis Positioning Accuracy: 0.005 (0.0002) Length: 0.015 (0.0006) Roundness: 0.01 (0.0004)	24 tools; Three axis rail
CNC Machining Centers	Yes	Tuson / Jiaxing	CNC Gear Hobbing Machine	Ning Jiang	China	YK3610IV	1	Diameter = 40 (1.6) Length = 300 (11.8)	Precision: 0.01 (0.0004)	
Grinding, Honing, and Polishing Equipment & Machinery	Yes	Tuson / Jiaxing	Horizontal Honing Machine	Sunnen	USA	SSH-1680	1	Diameter = 40 (1.6) Length = 100 (3.9)	Aperture: 0.005 (0.0002) Roundness: 0.002 (0.0001)	Speed inverter control; Can be adjusted according to material being processed for improved accuracy
Grinding, Honing, and Polishing Equipment & Machinery	No	Tuson / Jiaxing	Horizontal Honing Machine	Xin Neng	China	HM2000	1	Diameter = 40 (1.6) Length = 100 (3.9)	Aperture: 0.005 (0.0002) Roundness: 0.002 (0.0001)	Speed inverter control; Can be adjusted according to material being processed for improved accuracy
Grinding, Honing, and Polishing Equipment & Machinery	Yes	Tuson / Jiaxing	Vertical Honing Machine	Duo Bang	China	6AXIL	2	Diameter = 30 (1.2)	Aperture: 0.005 (0.0002) Roundness: 0.002 (0.0001)	6 workstations
Boring, Cutting, Cleaning, Testing and Other Machinery & Equipment	No	Tuson / Jiaxing	Liquid High Pressure Washing Machine	Dr. Fei	China	PHMF-100	1	Size = 300 (11.8) x 200 (7.9) x 100 (3.9)		2 workstations; Includes automatic device deactivation
Grinding, Honing, and Polishing Equipment & Machinery	No	Tuson / Jiaxing	Grinding Mill	Dr. Fei	China	PHAWJD-150	3	Diameter = 100 (3.9) Length = 150 (5.9)		3 workstations; Includes automatic device deactivation
Boring, Cutting, Cleaning, Testing and Other Machinery & Equipment	Yes	Tuson / Jiaxing	Hydrocarbon Tank Cleaning Machine	Qi Teng	China	50KGS	1	Size = 250 (9.8) x 250 (9.8) x 200 (7.9)		7 sealed tanks; environmental hydrocarbon and ultrasonic cleaning; includes automatic device deactivation

Boring, Cutting, Cleaning, Testing and Other Machinery & Equipment	Yes	Tuson / Jiaxing	Oil Flushing / Washing Machine	Tuson	China	QT-AC05091	1	5 Sealed Cleaning Tanks		Cleans by oil filtration cycle
Boring, Cutting, Cleaning, Testing and Other Machinery & Equipment	Yes	Tuson / Jiaxing	Automatic Disc Sawing Machine	Eversing	Taiwan	P70B	1	Diameter = 70 (2.8) Length = 6000 (236)	Flatness: 0.06 (.002)	Automatic feeding mechanism; Able to process material continuously
CNC Lathes	Yes	Tuson / Jiaxing	CNC Automatic Lathe	Star	Japan	SR-20J	2	Diameter = 22 (.9) Length = 250 (9.8)	X-Axis Positioning Accuracy: 0.003 (0.0001) Z-Axis Positioning Accuracy: 0.003 (0.0001) Inner and Outer Diameter: 0.015 (0.0006) Length: 0.012 (0.0005) Roundness: 0.01 (0.0004)	2 spindles; Has automatic feeder and receiving mechanism; Able to process material continuously
CNC Machining Centers	No	Tuson / Jiaxing	CNC Machining Center	Brother	Japan	S700X1	1	X-Axis Travel = 700 (27.6) Y-Axis Travel = 400 (15.7) Z-Axis Travel = 300 (11.8)	X-Axis Positioning Accuracy: 0.005 (0.0002) Y-Axis Positioning Accuracy: 0.005 (0.0002) Z-Axis Positioning Accuracy: 0.005 (0.0002) Length: 0.015 (0.0006) Roundness: 0.01 (0.0004)	Equipped with a fourth-axis (rotation) function; Has a clamping function; Multiple surfaces processing capability
CNC Machining Centers	No	Tuson / Jiaxing	CNC Machining Center	Li Chang	Taiwan	A-90	1	X-Axis Travel = 900 (35.4) Y-Axis Travel = 540 (21.3) Z-Axis Travel = 600 (23.6)	X-Axis Positioning Accuracy: 0.005 (0.0002) Y-Axis Positioning Accuracy: 0.005 (0.0002) Z-Axis Positioning Accuracy: 0.005 (0.0002) Length: 0.015 (0.0006) Roundness: 0.01 (0.0004)	Equipped with a fourth-axis (rotation) function; Has a clamping function; Multiple surfaces processing capability
Boring, Cutting, Cleaning, Testing and Other Machinery & Equipment	No	Tuson / Jiaxing	Band Sawing Machine	Jia Te	China	4232	1	Diameter = 60 (2.4) Length = 4000 (157)	Precision: 0.2 (.008)	Ability to cut multiple pieces simultaneously
CNC Machining Centers	No	Tuson / Jiaxing	CNC Machining Center	Xie Hong	Taiwan	HCMC-1370	4	X-Axis Travel = 1300 (51) Y-Axis Travel = 700 (27.6) Z-Axis Travel = 660 (26)	X-Axis Positioning Accuracy: 0.005 (0.0002) Y-Axis Positioning Accuracy: 0.005 (0.0002) Z-Axis Positioning Accuracy: 0.005 (0.0002) Length: 0.015 (0.0006) Roundness: 0.01 (0.0004)	Triaxle hard track; 40 tool magazine; Equipped with a fourth axis (rotation) function; Has a clamping function; Multiple surfaces processing capability
CNC Machining Centers	No	Tuson / Jiaxing	CNC Horizontal Machining Center	Mazak	Japan	HORIZONTAL 5000-II	2	Z-Axis Travel = 730 (28.7) Y-Axis Travel = 730 (28.7) Z-Axis Travel = 740 (29.1)	X-Axis Positioning Accuracy: 0.003 (0.0001) Y-Axis Positioning Accuracy: 0.003 (0.0001) Z-Axis Positioning Accuracy: 0.003 (0.0001)	Pallet size 50 x 50 cm (19.7" x 19.7"); 40 tool magazine; Maximum pallet load 700 kg (1,540 lbs.); Maximum workpiece Size 800 x 1000 mm (31.5" x 39.4")

Grinding, Honing, and Polishing Equipment & Machinery	No	Tuson / Jiaxing	Vertical Honing Machine	Duo Bang	China	DSV64H	1		Aperture: 0.005 (0.0002) Roundness: 0.002 (0.0001)	Spindle power 5.5 kW (7.4 hp); Spindle speed 0 - 2000 RPM
Grinding, Honing, and Polishing Equipment & Machinery	Yes	Tuson / Jiaxing	Vertical Honing Machine	Engis	USA	LPW-6000	1		Aperture: 0.001 (0.00004) Roundness: 0.002 (0.0001)	6 axis; 8 stations
Boring, Cutting, Cleaning, Testing and Other Machinery & Equipment	Yes	Tuson / Jiaxing	High Pressure Cleaning/Washing Machine	Feng He	China	I-MOVAC MA	1	Tree-Axis FNUC System Four High Pressure Cleaning Knives Pressure: 0-50 mPa (0-7250 psi)		Adjustable pressure; Customizable fixtures.
CNC Lathes	No	Tuson / Dongguan	CNC Single Spindle Automatic Lathe	Miyano	Japan	BNC-42C3	6	Diameter = 42 (1.65) Length = 150 (5.9)	0.01 (0.0004)	8 tool magazine
CNC Lathes	No	Tuson / Dongguan	CNC Single Spindle Automatic Lathe	Miyano	Japan	BNC-42C5	1	Diameter = 42 (1.65) Length = 150 (5.9)	0.01 (0.0004)	8 tool magazine
CNC Lathes	No	Tuson / Dongguan	CNC Single Spindle Automatic Lathe	Alex-Tech	Taiwan	VT-10	4	Diameter = 120 (4.72) Length = 120 (4.72)	0.01 (0.0004)	6 tool magazine
CNC Lathes	No	Tuson / Dongguan	CNC Single Spindle Automatic Lathe	Yang Mu	China	CNC46C-IV	2	Diameter = 230 (9.06) Length = 300 (11.81)	0.01 (0.0004)	6 tool magazine
CNC Lathes	No	Tuson / Dongguan	CNC Single Spindle Automatic Lathe	Yang Mu	China	CNC46C-IVD	1	Diameter = 230 (9.06) Length = 300 (11.81)	0.01 (0.0004)	12 tool magazine
CNC Lathes	Yes	Tuson / Dongguan	CNC Single Spindle Automatic Lathe	Hardinge	USA	GS200 PLUS	1	Diameter = 284 (11.31) Length = 406 (15.98)	0.005 (0.0002)	12 tool magazine
CNC Lathes	No	Tuson / Dongguan	CNC Single Spindle Automatic Lathe	Takisawa	Taiwan	EX-106	3	Diameter = 240 (9.45) Length = 350 (13.78)	0.005 (0.0002)	12 tool magazine
CNC Lathes	Yes	Tuson / Dongguan	CNC Single Spindle Automatic Lathe	Takisawa	Taiwan	EX-106K	3	Diameter = 240 (9.45) Length = 350 (13.78)	0.005 (0.0002)	12 tool magazine
CNC Lathes	No	Tuson / Dongguan	CNC Single Spindle Automatic Lathe	Takisawa	Taiwan	EX-108	2	Diameter = 320 (12.6) Length = 481 (18.94)	0.01 (0.0004)	12 tool magazine
CNC Lathes	No	Tuson / Dongguan	CNC Single Spindle Automatic Lathe	Takisawa	Taiwan	EX-308	1	Diameter = 260 (10.24) Length = 530 (20.87)	0.01 (0.0004)	12 tool magazine & drilling tip
CNC Lathes	No	Tuson / Dongguan	CNC Automatic Lathe	Tsugami	Japan	B018	2	Diameter = 3 (.12) Length = 18 (.71)	0.01 (0.0004)	8 tool magazine
CNC Lathes	No	Tuson / Dongguan	CNC Automatic Lathe	Star	Japan	SR32-JM	1	Diameter = 3 (.12) Length = 32 (1.26)	0.01 (0.0004)	21 tool magazine
CNC Machining Centers	Yes	Tuson / Dongguan	CNC Machining Center	Haas	USA	VF-4-V	1	1270 x 508 (50 x 20)	0.01 (0.0004)	32 tool magazine
CNC Machining Centers	No	Tuson / Dongguan	CNC Machining Center	YCM	Taiwan	FV85A	2	800 x 500 (31.5 x 19.7)	0.01 (0.0004)	24 tool magazine
CNC Machining Centers	Yes	Tuson / Dongguan	CNC Machining Center	Chi-Fa / Twinhorn	Taiwan	VH850L3	1	1020 x 600 (40.16 X 23.62)	0.01 (0.0004)	24 tool magazine
CNC Machining Centers	No	Tuson / Dongguan	CNC Machining Center	Ares-Seiki	Taiwan	R510	1	600 X 500 (23.62 X 19.69)	0.01 (0.0004)	12 tool magazine
CNC Machining Centers	No	Tuson / Dongguan	CNC Machining Center	Ares-Seiki	Taiwan	RM-600	2	600 X 500 (23.62 X 19.69)	0.01 (0.0004)	24 tool magazine
CNC Machining Centers	No	Tuson / Dongguan	CNC Machining Center	Ares-Seiki	Taiwan	A 600	1	600 X 500 (23.62 X 19.69)	0.01 (0.0004)	24 tool magazine

Boring, Cutting, Cleaning, Testing and Other Machinery & Equipment	Yes	Tuson / Dongguan	Axis CNC Deep Hole Drilling Machine	Zonjet	Taiwan	DHD-450	1	Diameter = 2.5 - 30 (.1 - 1.18) Length = 0 - 1000 (0 - 39.37)	0.08 (0.003)	1 tool magazine
CNC Machining Centers	No	Tuson / Dongguan	CNC Gear Hobbing Machine	Ning Jing	China	YK3610IV	1	Modulus Maximum = 3 (.118) O.D. Maximum = 100 (3.94)	0.01 (0.0004)	1 tool magazine
Grinding, Honing, and Polishing Equipment & Machinery	No	Tuson / Dongguan	Centerless Grinding Machine	Paragon	Taiwan	RC-12	3	Diameter = 1 - 30 (.04 - 1.18)	0.002 (0.0001)	1 tool magazine
Grinding, Honing, and Polishing Equipment & Machinery	No	Tuson / Dongguan	Centerless Grinding Machine	Paragon	Taiwan	RC-18	3	Diameter = 2 - 50 (.08 - 1.97)	0.002 (0.0001)	1 tool magazine
Grinding, Honing, and Polishing Equipment & Machinery	No	Tuson / Dongguan	CNC Cylindrical Grinding Machine	Hattman	China	FX20P-50CNC	1	270 x 550 (10.63 x 21.65)	0.0015 (0.00006)	1 tool magazine
Grinding, Honing, and Polishing Equipment & Machinery	Yes	Tuson / Dongguan	CNC Cylindrical Grinding Machine	Hattman	China	FX27P-60CNC	1	270 x 600 (10.63 x 23.62)	0.0015 (0.00006)	1 tool magazine
Grinding, Honing, and Polishing Equipment & Machinery	No	Tuson / Dongguan	Cylindrical Grinding Machine	Paragon	Taiwan	GU3250NC	1	280 x 500 (11.02 x 19.69)	0.002 (0.0001)	1 tool magazine
Grinding, Honing, and Polishing Equipment & Machinery	No	Tuson / Dongguan	CNC Cylindrical Grinding Machine	Shigiya	Japan	GPS-30B-75	1	300 x 750 (11.81 x 29.53)	0.001 (0.00004)	1 tool magazine
Grinding, Honing, and Polishing Equipment & Machinery	Yes	Tuson / Dongguan	Single Axis Vertical Honing Machine	Toyo	Japan	SL-5	1	Diameter = 3 - 30 (.118 - 1.181) Length = 0 - 250 (0 - 9.84)	0.001 (0.00004)	1 tool magazine
CNC Lathes	No	Tuson / Dongguan	Automatic Lathe with Accessories	Chiah Chyun	Taiwan	C-93160	1	Diameter = 32 - 150 (1.26 - 5.91)	0.02 (0.0008)	8 tool magazine
CNC Lathes	No	Tuson / Dongguan	Automatic Lathe with Accessories	Senday	Taiwan	SDH-32A	1	Diameter = 1.5 - 16 (.06 - .63)	0.02 (0.0008)	2 tool machine
CNC Lathes	No	Tuson / Dongguan	Automatic Lathe with Accessories	Senday	Taiwan	SDH-32B	1	Diameter = 1.5 - 16 (.06 - .63)	0.02 (0.0008)	2 tool machine
Boring, Cutting, Cleaning, Testing and Other Machinery & Equipment	No	Tuson / Dongguan	Bench Drilling Machine	Xi Hu	China	ZQ4132	2	Diameter = 3 - 12.7 (.12 - .5)	0.05 (0.002)	1 tool magazine

Boring, Cutting, Cleaning, Testing and Other Machinery & Equipment	No	Tuson / Dongguan	Bench Drilling Machine	Xi Hu	China	ZS4120C	1	Diameter = 3 - 12.7 (.12 - .5)	0.05 (0.002)	1 tool magazine
Boring, Cutting, Cleaning, Testing and Other Machinery & Equipment	No	Tuson / Dongguan	Bench Drilling Machine	Xi Hu	China	Z512B-1	2	Diameter = 3 - 12.7 (.12 - .5)	0.05 (0.002)	1 tool magazine
Boring, Cutting, Cleaning, Testing and Other Machinery & Equipment	No	Tuson / Dongguan	High-Speed Bench Drilling Machine	Liang Li	Taiwan	ZWG-4B	1	Diameter = .2 - 5 (.008 - .197)	0.05 (0.002)	1 tool magazine
Boring, Cutting, Cleaning, Testing and Other Machinery & Equipment	Yes	Tuson / Dongguan	Servo Tapping Machine	Xi Ling	China	BH-GSJ	1	M2 to M16 Threads	0.10 (0.004)	1 tool magazine
Boring, Cutting, Cleaning, Testing and Other Machinery & Equipment	Yes	Tuson / Dongguan	Laser Marking Machine	Da He	China	HPJG	1	120 x 120 (4.72 x 4.72)	0.10 (0.004)	1 tool magazine
Grinding, Honing, and Polishing Equipment & Machinery	No	Tuson / Dongguan	Polishing Machine	Yin Gong	China	JM-216	2	Diameter = 10 - 120 (.39 - 4.72)	0.10 (0.004)	2 tool machine
Boring, Cutting, Cleaning, Testing and Other Machinery & Equipment	Yes	Tuson / Dongguan	Sand Blasting Machine	Yin Gong	China	6050	1	Diameter = 3 - 120 (.12 - 4.72)	0.10 (0.004)	1 tool magazine
Boring, Cutting, Cleaning, Testing and Other Machinery & Equipment	Yes	Tuson / Dongguan	Cleaning Line	Rui Feng	China	MP3040	1	800 (31.5)	0.02 (0.008)	1 tool magazine
Boring, Cutting, Cleaning, Testing and Other Machinery & Equipment	Yes	Tuson / Dongguan	Automatic Sawing Machine	Everising	Taiwan	S-300HB	1	Diameter Maximum = 300 (12)	0.06 (0.002)	1 tool magazine

Boring, Cutting, Cleaning, Testing and Other Machinery & Equipment	No	Tuson / Dongguan	Precision Circular Sawing Machine	Eversing	Taiwan	P-65B	1	Diameter Maximum = 65 (2.56)	0.04 (0.0016)	1 tool magazine
Boring, Cutting, Cleaning, Testing and Other Machinery & Equipment	Yes	Tuson / Dongguan	Hydraulic Test Stands	Tuson	China	Custom-Built	3	0 - 310 bar (0 - 4,500 psi) 0 - 38 lpm (0 - 10 gpm)	0.5 to 1.0%	1 tool magazine
Inspection and Measurement Equipment	Yes	Tuson / Jiaxing	CMM Machine	Mitutoyo	Japan	CRYSTA-Apex S544	1	X-Axis Travel = 0 - 500 (0 - 19.69) Y-Axis Travel = 0 - 400 (0 - 15.75) Z-Axis Travel = 0 - 400 (0 - 15.75)	Resolution: 0.0001 (0.000004) Accuracy: (1.7 + 3L)/1000 (per ISO 10360-2:2009)	Maximum Workpiece Weight: 300 kg (660 lbs.)
Inspection and Measurement Equipment	Yes	Tuson / Jiaxing	CMM Machine	Hexagon	Sweden	Explorer 06.08.06	1	X-Axis Travel = 0 - 600 (0 - 23.62) Y-Axis Travel = 0 - 800 (0 - 31.50) Z-Axis Travel = 0 - 600 (0 - 23.62)	Resolution: 0.000078 (0.000003) Accuracy: (2.5 + 3.3L)/1000 (per ISO 10360-1:2009)	Maximum Workpiece Weight: 300 kg (660 lbs.)
Inspection and Measurement Equipment	Yes	Tuson / Jiaxing	Optical Measuring Machine	Vicivision	Italy	MTL 600 Evo (60)	1	Diameter = 0 - 60 (0 - 2.36) Length = 0 - 500 (0 - 19.69)	Resolution (Diameter) = 0.0001 (0.000004) Resolution (Length) = 0.0001 (0.000004) Resolution (Rotation) = 0.001 Degrees Accuracy (Diameter) = 2 + D[(mm)/100] Micrometers Accuracy (Length) = 5 + L[(mm)/100] Micrometers	
Inspection and Measurement Equipment	Yes	Tuson / Dongguan	Roundness Measurement Machine	Mitutoyo	Japan	RA-2200AH	1	Vertical Travel = 0 - 500 (0 - 19.69) Maximum Workpiece Diameter = 580 (22.83)	Straightness = 0.00025 per 150 (0.000001 per 5.91) Parallelism with Rotation Center = 0.0012 per 500 (0.00005 per 19.69) Perpendicularity to Rotation Center = 0.001 per 150 (0.00004 per 5.91)	
Inspection and Measurement Equipment	Yes	Tuson / Jiaxing	Roundness Measurement Machine	Mitutoyo	Japan	RA-1500	1	Vertical Travel = 0 - 150 (0 - 5.91) Maximum Workpiece Diameter = 400 (15.75)	Radial Rotational Accuracy = (0.02+6H)/10000 Micrometers, Where H is Probing Height in mm Axial Rotational Accuracy = (0.02+6R)/10000, Where R is Probing Radius in mm Straightness = .3 Micrometers per 150 mm (12 Microinches per 5.91)	Maximum Workpiece Weight: 10 kg (22 lbs.)
Inspection and Measurement Equipment	Yes	Tuson / Jiaxing	Form Tracer	Mitutoyo	Japan	SV-C3200S4	1	Surface Roughness Measurement Range X-Axis (Drive Unit) = 0 - 100 (0 - 3.94) Contour Measurement Range X-Axis (Drive Unit) = 0 - 100 (0 - 3.94)	Surface Roughness Straightness = (0.05+0.001L), Where L is Drive Length in mm Contour Measurement Straightness (with X-Axis Horizontal) = 0.8 Micrometers per 100 mm	

Inspection and Measurement Equipment	Yes	Tuson / Jiaxing	Metallurgical Microscore	Olympus	Japan	BX41M	1	20 to 1000 Optical Power	Reflected Light LED Illuminator	Binocular Microscope Used for Examination and Inspection of Material for Analysis
Inspection and Measurement Equipment	Yes	Tuson / Jiaxing	Air Gauges	Western Gauge	USA	AEQ-42-11-60	14	Used for Diameter Measurement	0.001 (0.00004)	Precise Diameter Measurement by use of Differential Air Pressure
Inspection and Measurement Equipment	Yes	Tuson / Jiaxing	Spectroscope	SpectroMaxx	Germany	MAXX-LMF06	1	(N/A)	(N/A)	Used for Spectroscopic Examination of Material
Inspection and Measurement Equipment	Yes	Tuson / Jiaxing	Endoscope	Schoelly	Germany	TPA485-121-104	1	(N/A)	30 Optical Power	Used for Optical Inspection of Bores, Holes, Passageways, etc.
Inspection and Measurement Equipment	Yes	Tuson / Jiaxing	Roundness Measurement Machine	Mahr	Germany	MahrForm MMQ-400	1	Z-Axis = 0 - 500 (0 - 19.69) X-Axis = 0 - 280 (0 - 11.02)	Roundness = 0.00002 (0.0000008) Straightness = 0.00015 (0.000006)	Used for Checking Roundness, Straightness, Taper, Runout, etc.
Inspection and Measurement Equipment	Yes	Tuson / Jiaxing	Shaft-Lead Testing Machine	Shanghai Shenwei Laser Technology	China	Custom-Built	1	Used for Shaft-Lead Testing	0.01 (0.0004)	