

Machinery

We are equipped with various state-of-the-art machinery and equipment such as the machining centers and NC lathes.

Main facilities

● Horizontal machining center

Manufacturer	Model	Amount of axis movement (mm)	Maximum spindle rotation speed	Pallet magazine	Number of units
MAKINO	a61nx	X730*Y650*Z800	14000 min-1	8 pallets	8 units
MAKINO	a51nx	X560*Y640*Z640	15000 min-1	7 pallets	3 units
MAKINO	a81nx	X900*Y900*Z1020	15000 min-1	7 pallets	2 units
DMG MORI	NHX5000	X730*Y730*Z880	20000 min-1	Standard	1 unit

8 other units, Total 22 units

● Vertical machining center

Manufacturer	Model	Amount of axis movement (mm)	Maximum spindle rotation speed	Number of units
MAKINO	V56i	X900*Y550*Z450	20000 min-1	2 units
DMG MORI	NVX5100/40 (Simultaneous 4-axis support)	X1050*Y530*Z510	15000 min-1	2 units
DMG MORI	NVX5100/40	X1050*Y530*Z510	15000 min-1	2 units
DMG MORI	NVX7000/40	X1540*Y760*Z660	14000 min-1	2 units
brother	S500Xd1	X500*Y400*Z300	10000 min-1	1 unit
brother	S700Xd1	X700*Y400*Z300	10000 min-1	1 unit

10 other units, Total 19 units

● CNC lathes

Manufacturer	Model	Maximum machining diameter	Number of units
DMG MORI	NLX2500	φ460 mm	4 units
DMG MORI	NLX2500Y	φ356 mm	1 unit
DMG MORI	NLX3000	φ420 mm	3 units
DMG MORI	NLX4000	φ600 mm	17 units
DMG MORI	NLX6000	φ900 mm	2 units
DMG MORI	ALX1500	φ440 mm	1 unit
DMG MORI	CL1500	φ420 mm	2 units

15 other units, Total 45 units

● 5-axis/multitasking machine

Manufacturer	Model	Amount of axis movement (mm)	Maximum spindle rotation speed	Number of units
Matsuura	MX-520	X630*Y560*Z510	12000 min-1	2 units
OKUMA	MU-6300V	X925*Y1050*Z600	15000 min-1	1 unit
OKUMA	MU-8000V	X925*Y1050*Z600	15000 min-1	1 unit
brother	U500Xd1	X500*Y400*Z300	10000 min-1	2 units

Total 6 units

Manufacturer	Model	Maximum machining diameter	Number of units
DMG MORI	NT4300DCG	φ660 mm	1 unit

Total 1 unit

● Other machine tools

Equipment name	Manufacturer	Model	Basic specifications	Number of units
Wire-cut electric discharge machine	FANUC	α-C600iC	XY Amount of axis movement X600*Y400 mm	1 unit
Vertical milling machine				4 units
Horizontal milling machine	Hitachi Seiki	MS-P	XY Amount of axis movement X550*Y220 mm	1 unit
General lathe				3 units
Rotary surface grinder	Washino	SS-501	φ430*H150 mm	1 unit
NC precision surface grinder	Okamoto	PSG66CA-iQ	600*600*H500 mm	2 units
Surface grinder	MITSUI SEIKI	MSG-250H	125*250*H150 mm	1 unit

● Welding equipment

Equipment name	Manufacturer	Model	Number of units
Micro TIG welding machine	DAIHEN	2P10489	1 unit
TIG welding machine			4 units
CO2/MAG automatic welding machine	DAIHEN	DIGITAL AUTO DM350	1 unit

● Measuring equipment

Equipment name	Manufacturer	Model	Basic specifications	Number of units
CNC CMM	ACCURETECH	AXCEL PH 9/10/6	Measuring range X850*Y1000*Z600 mm	1 unit
CNC CMM	ACCURETECH	SVF 6/5/3 S2	Measuring range X600*Y500*Z300 mm	1 unit
CNC CMM	ACCURETECH	AXCEL 9/15/6 PH C6	Measuring range X850*Y1500*Z600 mm	1 unit

3 other units, Total 8 units

● CAD/CAM

Equipment name	Manufacturer	Model	Number of units
CAD/CAM	ANDOR	CAMCORE EX	1 unit
CAD/CAM	CAMTUS	Speedy mill NEXT	1 unit
CAD/CAM	Matsuura	Gibbs CAM	1 unit
CAD/CAM	JBM	MasterCAM	1 unit

● Other

Equipment name	Manufacturer	Model	Basic specifications	Number of units
Leak detector	ANELVA	M-222LD-H	10-12~10-3 Pa·m ³ /s	1 unit
Leak detector	ANELVA	M-222LD-D	10-12~10-3 Pa·m ³ /s	1 unit
Precision medium temperature heat treatment furnace	Thermal	RBH60T/G	Internal dimensions: 600*600*600 (60°C~560°C)	1 unit
Laser cleaning	TOSEI ELECTROBEAM	TEF II-70	Laser maximum output 70W	1 unit

To the world

Suntec spreads its wings from Tsuruoka City to the world.

We pride ourselves on being a group of skilled technicians, and we promote the acquisition of technical certifications

We support our employees in acquiring national certifications in order to improve their technical skills as technicians. Many of our employees who are active in the company have obtained multiple national certifications, with approximately 70% of our employees working as national technicians after their third year with the company.



Qualified National Skilled Worker	
Numerically controlled lathe work Class 1	1
Numerically controlled lathe work Class 2	9
Numerically controlled milling machine work Class 1	6
Numerically controlled milling machine work Class 2	19
Machine maintenance Class 1	1
Machine maintenance Class 2	3
milling machine work Class 1	3
General lathe work Class 2	3
Machine assembly and finishing work Class 2	4
Jig and tool finishing work Class 2	3
Machining center work Class 2	3



Including duplicate acquisitions *As of November 1, 2024

Company overview

Trade name	Suntec Co., Ltd.	
Location	<p>Main Plant 3-6-1 Takarada, Tsuruoka-shi, Yamagata Prefecture 997-0011 (Tsuruoka East Industrial Complex)</p> <p>No. 2 Plant 3-5-21 Takarada, Tsuruoka-shi, Yamagata Prefecture (Tsuruoka East Industrial Complex)</p> <p>Kushibiki Plant 310-1 Maruoka Aza Machinouchi, Tsuruoka-shi, Yamagata Prefecture (Kushibiki West Industrial Complex)</p> <p>Shonan Plant 50-1 Shimo Yamazoe Aza Shonan, Tsuruoka-shi, Yamagata Prefecture (Shonai South Industrial Complex)</p>	
Establishment	7 / 1988	
Capital	30 million yen	
Representative	Jujiro Sashida	
Number of employees	148 employees	*As of November 2024 (126 full-time employees, 22 part-time/contract employees)
Business activities	<p>100% consignment production</p> <p>Our main business activities include machining of various metal parts and assembly of units using machine tools (machining centers, NC lathes, NC milling machines, general-purpose lathes, drilling machines, etc.) and welding operations.</p>	

