

Owned equipment IList (Other))

No.	Company Name	Model	Manufacture Nname	Model	Material Shape	Main shaft rotaion speed		Number of axes	Stroke(X,Y,Z) etc			Maximum work size(X,Y,Z)etc			Target material	Number of facilities	Remarks	
1	Asahikinzoku Kogyo Inc. Gifu Anpachi Factr	5-axis machining center	MAKINO	MAG4	PLT	500	~	30,000	5	4000	2000	700	4000	2000	600	Aluminumu	1	
2	Asahikinzoku Kogyo Inc. Gifu Anpachi Factr	5-axis machining center	MAKINO	MAG3-EX	PLT	500	~	33,000	5	4000	1500	1000	4000	1500	500	Aluminumu	1	
3	Asahikinzoku Kogyo Inc. Gifu Anpachi Factr	5-axis machining center	MAKINO	MAG3-EX	PLT	500	~	33,000	5	4000	1500	1000	4000	1500	500	Aluminumu	1	October 2018 Introduction of one additional equipment.
4	Asahikinzoku Kogyo Inc. Gifu Anpachi Factr	5-axis machining center	MAKINO	a82-5XR	PLT	50	~	20,000	5	1100	820	1020	1030	SR530		Aluminumu	1	
5	Asahikinzoku Kogyo Inc. Gifu Anpachi Factr	Viertical machining center	OKUMA	MX55VB	PLT	50	~	10,000	3	1050	560	450	1050	560	450	Aluminumu	1	
6	Asahikinzoku Kogyo Inc. Kisyoin Factory	Boring machine	mitsui SEIKI	JB-6CM	PLT	45	~	2,000	3	1020	760	600	1020	760	600	Aluminumu/Steel	1	
7	Asahikinzoku Kogyo Inc. Gifu Anpachi Factr	5-axis machining center	TOSHIBA	BTD-200QF	PLT	50	~	1,500	5	1000	1000	700	1000	1000	700	Steel	1	
8	Asahikinzoku Kogyo Inc. Gifu Anpachi Factr	Machining center	MORI SEIKI	MH-500	PLT	130	~	13,000	4	800	650	750	700	600	500	Aluminumu	2	
9	Asahikinzoku Kogyo Inc. Kisyoin Factory	NC Milling machine	WASHINO MACINERY	CM-3ST	PLT	50	~	3,500	3	800	420	660	800	420	660	Aluminumu/Steel	1	
10	Asahikinzoku Kogyo Inc. Gifu Anpachi Factr	5-axis machining center	MAKINO	a61nx-5E	PLT	50	~	14,000	5	730	730	680	700	SR400		Aluminumu/Titanium	1	
11	Asahikinzoku Kogyo Inc. Kisyoin Factory	Boring machine	mitsui SEIKI	JB-4DN II	PLT	40	~	4,500	3	610	410	280	610	410	280	Aluminumu/Steel	1	
12	Asahikinzoku Kogyo Inc. Head Office Factory	NC Flat-Surface grinding machine	HITACHI KOKI	GHL-B406N	PLT				2	600		400	600		400	Aluminumu/Steel	1	
13	Asahikinzoku Kogyo Inc. Gifu Anpachi Factr	Cylindrical glindrical machine	mitsubishi HEAVY INDUSTRIES	RD32-B50A	BAR			1,880	2	300		500	300		500	Steel	1	
14	Asahikinzoku Kogyo Inc. Gifu Anpachi Factr	Cylindrical glindrical machine	mitsubishi HEAVY INDUSTRIES	RD32-B50B	BAR			1,880	2	300		500	300		500	Steel	1	
15	Asahikinzoku Kogyo Inc. Head Office Factory	CNC Cylindrical grinding machine	mitsubishi HEAVY INDUSTRIES	RB32-B50A	BAR				2	300		500	300		500	Aluminumu/Steel	1	
16	Asahikinzoku Kogyo Inc. Head Office Factory	CNC Cylindrical grinding machine	SHIBUYA SEIKI	GPH-30	BAR				2	300		400	300		400	Aluminumu/Steel	1	
17	Asahikinzoku Kogyo Inc. Head Office Factory	Cylindrical grinding machine	TOYOTA KOHKI	GUP-32x100	BAR				2	280		1000	280		1000	Aluminumu/Steel	1	
18	Asahikinzoku Kogyo Inc. Head Office Factory	NC Lathe	WASHINO MACINERY	LN32A II	BAR	30	~	1,800	2	125		600	250		600	Aluminumu/Steel	1	
19	Asahikinzoku Kogyo Inc. Head Office Factory	NC Cylindrical grinding machine	TSUGAMI PRECISION	G25N	BAR				2	80		250	80		250	Aluminumu/Steel	1	
20	Asahikinzoku Kogyo Inc. Head Office Factory	NC Internal grinding machine	TSUGAMI PRECISION	IG25N	BAR				2	45		55	45		55	Aluminumu/Steel	1	
21	Asahikinzoku Kogyo Inc. Head Office Factory	NC Internal grinding machine	TSUGAMI PRECISION	G18-II-58	BAR				2	45		55	45		55	Aluminumu/Steel	1	
1	Collaboration company	5-axis vertical machining center	MAZAK	V-100N	PLT	35	~	10,000	5	5000	3600	710	5000	3600	710	Aluminumu	1	
2	Collaboration company	5-axis machining center	MAKINO	MAG3.W	PLT	50	~	33,000	5	4000	1800	1000	4000	1800	1000	Aluminumu	2	
3	Collaboration company	Viertical machining center	MAZAK	FJV90/120	PLT	1		18,000	3	3200	2350	585	3200	2350	585	Aluminumu	1	
4	Collaboration company	Viertical machining center	MORI SEIKI	MV80	PLT	10		3,500	3	2600	814	750	2400	800	400	Aluminumu	1	
5	Collaboration company	Double column type machine center	TOSHIBA MACHINZ	MPF2614	PLT	40		10,000	3	2600	1400	715	2000	1400	350	Steel	1	
6	Collaboration company	Double column type machine center	TOSHIBA MACHINZ	MPF2114	PLT	40		8,000	3	2100	1400	715	2000	1400	350	Steel	1	
7	Collaboration company	Machining center	OKK	VM-900III	PLT			12,000	3	2060	940	820	2060	940	820	Aluminumu	1	
8	Collaboration company	Machining center	OKK	MCV-860	PLT			13,000	3	2000	800	700	2000	800	700	Aluminumu	1	
9	Collaboration company	Viertical machining center	MAKINO	FNC1710	PLT	10		3,500	3	1700	1000	850	1700	800	350	Steel	1	
10	Collaboration company	Viertical machining center	MAKINO	FDNC178	PLT	10		3,150	3	1700	800	700	1700	800	350	Steel	1	
11	Collaboration company	5-axis vertical machining center	DMG	DMU160P	PLT	100		12,000	5	1600	1250	1100	Φ1300		900	Aluminumu/Steel	1	
12	Collaboration company	Viertical machining center	MORI SEIKI	VS8000	PLT	50	~	12,000	3	1600	850	600	1300	600	300	Aluminumu/Steel	1	
13	Collaboration company	Machining center	OKK	VM-7III	PLT			20,000	3	1530	740	660	1530	740	660	Aluminumu	1	
14	Collaboration company	5-axis machining center	MAKINO	MAG1	PLT	500	~	33,000	5	1520	1100	1350	1520	1100	1350	Aluminumu	1	
15	Collaboration company	5-axis machining center	MAKINO	MAG1	PLT	500	~	33,000	5	1520	1100	1350	1520	1100	1350	Aluminumu	1	
16	Collaboration company	Portal type machining center	MAZAK	FJV-35/60 II	PLT			12,000	4	1500	800	600	1740	860	650	Aluminumu/Steel	1	
17	Collaboration company	Viertical machining center	OKUMA	MB-66VB	PLT				3	1500	660	660				Aluminumu/Steel	1	
18	Collaboration company	Viertical machining center	MAKINO	V77L	PLT	50		18,000	3	1500	700	650	1500	700	300	Steel	1	
19	Collaboration company	Viertical machining center	HEIAN CORPORATION	REX_II	PLT	11		10,000	3	1300	1300	300	1300	1300	150	Aluminumu	1	
20	Collaboration company	Viertical machining center	MORI SEIKI	MV65	PLT	10		4,000	3	1270	650	650	1200	600	300	Aluminumu	1	
21	Collaboration company	5-axis vertical machining center	DMG	DMU125P	PLT	100		12,000	5	1250	1250	1000	Φ900		700	Aluminumu/Steel	1	
22	Collaboration company	Viertical machining center	HITACHI SEIKI	VS60	PLT				3	1250	610	450				Aluminumu/Steel	1	
23	Collaboration company	Viertical machining center	HITACHI SEIKI	VK65	PLT	45		4,500	3	1250	670	670	1200	600	300	Steel	1	
24	Collaboration company	Viertical machining center	MAKINO	FNC128	PLT	20		6,000	3	1250	800	750	1200	800	350	Steel	1	
25	Collaboration company	5-axis machining center	MORI SEIKI	NMV8000 DCG/40	PLT	50	~	20,000	5	1200	920	610	800	800	550	Aluminumu/Steel	2	
26	Collaboration company	Viertical machining center	OKUMA	MB-56VA	PLT	50	~	15,000	3	1050	560	460	1050	560	460	Aluminumu/Steel	1	
27	Collaboration company	Machining center	MAZAK	FJV-250	PLT			12,000	3	1020	510	460	1020	510	460	Aluminumu	1	
28	Collaboration company	Machining center	OKK	VM-5 II	PLT			6,000	3	1020	510	510	1020	510	510	Aluminumu	1	
29	Collaboration company	Machining center	OKK	VM-5 III	PLT			8,000	3	1020	510	510	1020	510	510	Aluminumu	1	
30	Collaboration company	Viertical machining center	MORI SEIKI	NV5000 α	PLT				3	1020	510	510				Aluminumu/Steel	1	
31	Collaboration company	Viertical machining center	MORI SEIKI	NV5000 α	PLT				3	1020	510	510				Aluminumu/Steel	1	
32	Collaboration company	5-axis machining center	DMG MORI	DMC100U DUO BLOCK	PLT			18,000	5	1000	1000	850	800	800	850	Aluminumu	1	
33	Collaboration company	5-axis machining center	SAKURAI LTD.	SH5A2	PLT	50	~	15,000	5	1000	1000	1000	1000	1000	1000	Aluminumu/Inconel	1	
34	Collaboration company	Viertical machining center	HITACHI SEIKI	VS50	PLT	40		15,000	3	1000	510	450	1000	500	200	Steel	1	
35	Collaboration company	Viertical machining center	HITACHI SEIKI	VS50P	PLT	120		12,000	3	1000	510	450	1000	500	200	Steel	1	
36	Collaboration company	5-axis machining center	DMG MORI	DMU80	PLT	10		10,000	5	980	630	630	600	600	300	Aluminumu/Steel	1	
37	Collaboration company	5-axis vertical machining center	DMG MORI	DMC85monoBLOCK	PLT	100		24,000	5	935	850	650	Φ800		590	Aluminumu/Steel	1	
38	Collaboration company	5-axis machining center	OKUMA	MU-6300V	PLT				5	925	1050	600				Aluminumu/Steel	1	
39	Collaboration company	Viertical machining center	BROTHER	FV965S	PLT				3	900	650	600				Aluminumu/Steel	1	
40	Collaboration company	Viertical machining center	MAKINO	V55	PLT	25		17,000	3	900	500	450	900	500	200	Steel	1	

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41	Collaboration company	5-axis vertical machining center	DMG	DMU80monoBLOCK	PLT	100	18,000	5	880	630	630	Φ600	600	Aluminum/Steel	1		
42	Collaboration company	5-axis vertical machining center	DMG	DMU80monoBLOCK	PLT	100	18,000	5	880	630	630	Φ600	600	Aluminum/Steel	1		
43	Collaboration company	5-axis vertical machining center	DMG	DMU80monoBLOCK	PLT	100	18,000	5	880	630	630	Φ600	600	Aluminum/Steel	1		
44	Collaboration company	5-axis machining center	YASDA	H40i	PLT			5	875	740	685			Aluminum/Steel	1		
45	Collaboration company	Machining center	YASDA	YBM600N	PLT			4	850	650	700			Aluminum/Steel	1		
46	Collaboration company	5-axis machining center	DMG	DMU80P DUO BLOCK	PLT		18,000	5	800	800	800	500	500	800	Aluminum	1	
47	Collaboration company	5-axis machining center	DMG MORI	DMC80U DUO BLOCK	PLT		18,000	5	800	800	800	500	500	800	Aluminum	1	
48	Collaboration company	5-axis machining center	DMG MORI	DMC80U DUO BLOCK	PLT		18,000	5	800	800	800	500	500	800	Aluminum	1	
49	Collaboration company	Vertical machining center	MORI SEIKI	NV5000	PLT			3	800	510	510			Aluminum/Steel	1		
50	Collaboration company	Vertical machining center	MORI SEIKI	NV5000	PLT			3	800	510	510			Aluminum/Steel	1		
51	Collaboration company	Vertical machining center	MORI SEIKI	NV5000	PLT			3	800	510	510			Aluminum/Steel	1		
52	Collaboration company	Vertical machining center	MORI SEIKI	NV5000	PLT			3	800	510	510			Aluminum/Steel	1		
53	Collaboration company	Vertical machining center	MORI SEIKI	NV5000	PLT			3	800	510	510			Aluminum/Steel	1		
54	Collaboration company	Vertical machining center	MORI SEIKI	NV5000	PLT			3	800	510	510			Aluminum/Steel	1		
55	Collaboration company	Machining center	MORI SEIKI	NHX5500	PLT			4	800	800	880			Aluminum/Steel	1		
56	Collaboration company	Machining center	MORI SEIKI	NHX5500	PLT			4	800	800	880			Aluminum/Steel	1		
57	Collaboration company	Machining center	MAKINO	A77	PLT	20	18,000	4	800	750	770	800	750	770	Aluminum/Steel	1	
58	Collaboration company	Vertical machining center	MAKINO	V55	PLT			3	800	460	460			Aluminum/Steel	1		
59	Collaboration company	Vertical machining center		Super Plus MX	PLT			3	800	450	450	800	450	450	Aluminum/Steel	1	
60	Collaboration company	5-axis vertical machining center	DMG MORI	DMC60T	PLT	1	~ 18,000	5	780	560	560	780	560	560	Aluminum	1	
61	Collaboration company	Vertical machining center	OKUMA	MC-4VB	PLT			3	780	410	450	780	410	450	Aluminum/Steel	2	
62	Collaboration company	Vertical machining center	OKUMA	MX-45VAE	PLT		7,000	3	760	460	450	760	460	200	Aluminum/Steel	1	
63	Collaboration company	Vertical machining center	OKUMA	MX-45VAE	PLT		7,000	3	760	460	450	760	460	200	Aluminum/Steel	1	
64	Collaboration company	Vertical machining center	OKUMA	MX45VAE	PLT			3	760	460	450	760	460	450	Aluminum/Steel	1	
65	Collaboration company	Machining center	OKUMA	MX-40HA	PLT			4	760	460	450			Aluminum/Steel	1		
66	Collaboration company	Vertical machining center	MATSUURA MACHINERY	MC-760VX	PLT			3	760	440	485			Aluminum/Steel	1		
67	Collaboration company	Vertical machining center	MAZAK	NEXUS 410B- II	PLT			3	750	400	500	750	400	500	Aluminum/Steel	1	
68	Collaboration company	Machining center	JETECT	FH550SX	PLT			4	750	800	850			Aluminum/Steel	1		
69	Collaboration company	5-axis vertical machining center	DMG MORI	DMC65monoBLOCK	PLT	100	18,000	5	735	650	560	Φ630	500	Aluminum/Steel	1		
70	Collaboration company	5-axis machining center	MORI SEIKI	NMV5000 DCG/40	PLT	50	~ 20,000	5	730	510	510	500	500	400	Aluminum/Steel	2	
71	Collaboration company	Machining center	MAKINO	a61nx	PLT		14,000	4	730	730	800	400	400	200	Aluminum/Steel	1	
72	Collaboration company	Machining center	MAKINO	a61NX	PLT	50	14,000	4	730	650	730	730	650	730	Aluminum/Steel	1	
73	Collaboration company	Vertical machining center	MITSUBISHI HEAVY INDUSTRIES	M-H5B	PLT			3	730	650	900			Aluminum/Steel	1		
74	Collaboration company	Machining center	mitsui seiki	HU50A	PLT		12,000	4	720	700	650	600		800	Aluminum	1	
75	Collaboration company	Machining center	mitsui seiki	HU50A	PLT		12,000	4	720	700	650	600		800	Aluminum/Steel	1	
76	Collaboration company	Machining center	mitsui seiki	HU50T	PLT		12,000	4	720	700	650	600		800	Aluminum/Steel	1	
77	Collaboration company	Machining center	mitsui seiki	HU50A	PLT		12,000	4	720	700	650	600		800	Aluminum/Steel	1	
78	Collaboration company	5-axis machining center	SAKURAI LTD.	SH5A1	PLT	50	~ 20,000	5	700	500	700	700	500	700	Aluminum/Inconel	1	
79	Collaboration company	Vertical machining center	FANUC	T21IE	PLT	10	10,000	3	700	400	330	600	350	150	Aluminum	1	
80	Collaboration company	Machining center	MATSUURA MACHINERY	H.Plus-405	PLT		20,000	4	660	660	660	700		850	Aluminum	1	
81	Collaboration company	5-axis vertical machining center	MAZAK	VARIAXIS630-5XIII	PLT	35	~ 18,000	5	630	1100	600	630	1100	600	Aluminum	1	
82	Collaboration company	Machining center	OKK	VM-4III	PLT		20,000	3	630	410	460	630	410	460	Aluminum	2	
83	Collaboration company	Machining center	OKK	VM-4 II	PLT		8,000	3	630	410	460	630	410	460	Aluminum	1	
84	Collaboration company	Vertical machining center	MATSUURA MACHINERY	MX520	PLT			3	630	560	510			Aluminum/Steel	1		
85	Collaboration company	Vertical machining center	MAKINO	MSA40	PLT		6,000	3	600	400	400	600	400	170	Aluminum/Steel	1	
86	Collaboration company	Vertical machining center	YASDA	YBM640V	PLT		20,000	3	600	400	350	600	400	200	Aluminum/Steel	1	
87	Collaboration company	5-axis vertical machining center	YASDA	YBM Vi40	PLT		24,000	5	600	500	450	400	400	200	Aluminum/Steel	1	
88	Collaboration company	Vertical machining center		GiGA-650	PLT		12,000	3	600	500	400	600	500	400	Aluminum/Steel	1	
89	Collaboration company	Vertical machining center	MATSUURA MACHINERY	MC-600VF	PLT			3	600	410	470			Aluminum/Steel	2		
90	Collaboration company	Vertical machining center	MATSUURA MACHINERY	MC-600V	PLT			3	600	410	470			Aluminum/Steel	1		
91	Collaboration company	Vertical machining center		GR655	PLT	180	10,000	3	600	500	400	600	500	200	Aluminum	1	
92	Collaboration company	Machining center	OKK	PCV-40	PLT		6,000	3	560	410	410	560	410	410	Aluminum	1	
93	Collaboration company	Machining center	MAKINO	a51	PLT			4	560	560	600	600		700	Aluminum	1	
94	Collaboration company	Machining center	MAKINO	A%5	PLT			4	560	560	560	600		700	Aluminum	1	
95	Collaboration company	Vertical machining center	OKUMA	MC-30VA	PLT			3	510	330	400	510	330	400	Aluminum/Steel	1	
96	Collaboration company	Vertical machining center	MATSUURA MACHINERY	MC-510V	PLT			3	510	360	470			Aluminum/Steel	1		
97	Collaboration company	5-axis machining center	MAZAK	VARIAXIS i-500	PLT		25,000	5	500	500	350	300	300	350	Aluminum	1	
98	Collaboration company	5-axis machining center	MORI SEIKI	NMV3000 DCG/40	PLT	50	~ 20,000	5	500	350	510	300	300	300	Aluminum/Steel	3	
99	Collaboration company	Vertical machining center	FANUC	T14IF	PLT	10	24,000	3	500	400	330	450	350	150	Aluminum	1	
100	Collaboration company	Vertical machining center	FANUC	T21F	PLT	10	24,000	3	500	400	330	450	350	150	Aluminum	1	

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101	Collaboration company	5-axis machining center	MATSUURA MACHINERY	MAM72-35V(N)	PLT	100		20,000	5	300	440	580	Φ300		580	Aluminum/Steel	1	
102	Collaboration company	Viertical machining center	BROTHER	M140X1	PLT				3	200	440	305				Aluminum/Steel	1	
103	Collaboration company	NC Conbination lathe	MAZAK	INTEGREX 300-III	BAR			12,000	5	760		1500	760		1500	Aluminum/Steel	1	
104	Collaboration company	NC Conbination lathe	MORI SEIKI	NT4200/1500SZ	BAR			5,000	5	750		1500	230		1500	Aluminum/Steel	1	
105	Collaboration company	NC Conbination lathe	MAZAK	INTEGREX 200-III	BAR			12,000	5	660		1010	660		1010	Aluminum/Steel	1	
106	Collaboration company	Composite NC lathe	MAZAK	INTEGREX300-IV	BAR			4,000	5	630	230	1585	Φ760		1500	Aluminum/Steel	1	
107	Collaboration company	NC Lathe	OKUMA	LB25 II-C	BAR				2	620		650				Aluminum/Steel	1	
108	Collaboration company	NC Conbination lathe	MAZAK	INTEGREX e-410H	BAR			12,000	5	610		1530	610		1530	Aluminum/Steel	1	
109	Collaboration company	CNC Lathe	OKUMA	LS30N	BAR				2	580		800	580		800	Aluminum/Steel	2	
110	Collaboration company	CNC Lathe	OKUMA	LS30N	BAR				2	580		1280	580		1280	Aluminum/Steel	1	
111	Collaboration company	NC Lathe	HITACHI SEIKI	4NE III-600	BAR				2	580		600				Aluminum/Steel	1	
112	Collaboration company	NC Conbination lathe	MAZAK	INTEGREX 200Y	BAR				5	530		1065	530		1065	Aluminum/Steel	1	
113	Collaboration company	NC Conbination lathe	MORI SEIKI	NTX2000	BAR				5	495		1560				Aluminum/Steel	1	
114	Collaboration company	NC Conbination lathe	MAZAK	INTEGREX 100 II SY	BAR				5	470		720	470		720	Aluminum/Steel	1	
115	Collaboration company	NC Conbination lathe	MAZAK	INTEGREX 100 II	BAR				5	470		500	470		500	Aluminum/Steel	1	
116	Collaboration company	NC Lathe	HITACHI SEIKI	NK20	BAR				2	450		300				Aluminum/Steel	1	
117	Collaboration company	NC Lathe	MAZAK	NEXUS 300	BAR				2	420		1200	420		1200	Aluminum/Steel	1	
118	Collaboration company	NC Lathe	OKUMA	LB15-1SC	BAR				2	400		500				Aluminum/Steel	2	
119	Collaboration company	CNC Lathe	WASHINO MACINERY	LG-7F	BAR				2	400		100				Aluminum/Steel	1	
120	Collaboration company	CNC Lathe	WASHINO MACINERY	LG-6	BAR				2	400		60				Aluminum/Steel	1	
121	Collaboration company	NC Conbination lathe	MORI SEIKI	NT1000/SZ	BAR			6,000	5	380		460	150		400	Aluminum/Steel	1	
122	Collaboration company	NC Conbination lathe	MAZAK	NEXUS 250MY	BAR				5	380		757	380		757	Aluminum/Steel	1	
123	Collaboration company	NC Lathe	MORI SEIKI	NL3000	BAR				2	350		1250				Aluminum/Steel	1	
124	Collaboration company	NC Conbination lathe	MAZAK	INTEGREX 200Y	BAR				5	350		1018	350		1018	Aluminum/Steel	2	
125	Collaboration company	CNC Lathe	OKUMA	LB15 II	BAR			3,000	2	340		500	340		500	Aluminum/Steel	1	
126	Collaboration company	CNC Lathe	TAKISAWA MACHINE TOOL	TC30	BAR				2	330		510	330		510	Aluminum/Steel	2	
127	Collaboration company	CNC Cylindrical grinding machine	MITSUBISHI HEAVY INDUSTRIES	RD-32	BAR			500	2	320		500	320		500	Aluminum/Steel	1	
128	Collaboration company	CNC Lathe	OKUMA	LCS-25	BAR				2	310		520	310		520	Aluminum/Steel	2	
129	Collaboration company	Gear hobbing machine	KASHIFUJI	KL-451	BAR	75	~	350	1	300	450		450		300	Aluminum/Steel	1	
130	Collaboration company	NC Lathe	OKUMA	LCS-25	BAR				2	300		400				Aluminum/Steel	1	
131	Collaboration company	CNC Cylindrical grinding machine	TOYOTA FORMS	GOS32-50	BAR				2	300		500	300		500	Aluminum/Steel	1	
132	Collaboration company	CNC Lathe	MAZAK	NEXUS-100	BAR			5,000	2	280		310	280		310	Aluminum/Steel	1	
133	Collaboration company	CNC Lathe	OKUMA	GENOSL400H V8	BAR			3,000	2	280		500	280		500	Aluminum/Steel	1	
134	Collaboration company	Gear hobbing machine	NIPON KIKAI	NTM-1500	BAR	20	~	150	1	260	1590		300		1500	Aluminum/Steel	1	
135	Collaboration company	NC Conbination lathe	MORI SEIKI	NLX2000	BAR			5,000	4	260		590	180		300	Aluminum/Steel	1	
136	Collaboration company	NC Conbination lathe	MORI SEIKI	NL2000MC	BAR				5	260		590				Aluminum/Steel	1	
137	Collaboration company	NC Conbination lathe	MORI SEIKI	NL2000Y	BAR				5	260		590				Aluminum/Steel	1	
138	Collaboration company	CNC Lathe	TAKISAWA MACHINE TOOL	TC20	BAR				2	260		300	260		300	Aluminum/Steel	1	
139	Collaboration company	CNC Lathe	MITSUBISHI HEAVY INDUSTRIES	M-L10B-P	BAR				2	260		105	260		105	Aluminum/Steel	1	
140	Collaboration company	NC Conbination lathe	OKUMA	LB300M	BAR				5	250		250	250		250	Aluminum/Steel		
141	Collaboration company	NC Conbination lathe	OKUMA	LB300M	BAR				5	250		250	250		250	Aluminum/Steel		
142	Collaboration company	NC Lathe	OKUMA	LB300	BAR			4,500	2	250		450	180		300	Aluminum/Steel	1	
143	Collaboration company	NC Lathe	OKUMA	LB15 II	BAR			4,500	2	250		350	180		200	Aluminum/Steel	1	
144	Collaboration company	NC Lathe	MORI SEIKI	CL2000	BAR				2	250		400				Aluminum/Steel	1	
145	Collaboration company	NC Lathe	MORI SEIKI	CL2000	BAR				2	250		400				Aluminum/Steel	1	
146	Collaboration company	NC Lathe	MORI SEIKI	CL2000	BAR				2	250		400				Aluminum/Steel	1	
147	Collaboration company	NC Conbination lathe	MAZAK	INTEGREX200	BAR				5	250		300				Aluminum/Steel	1	
148	Collaboration company	NC Lathe	OKUMA	LB300M	BAR				2	250		1000				Aluminum/Steel	1	
149	Collaboration company	NC Lathe	TSUGAMI PERCISION	MO8J	BAR				2	250		400				Aluminum/Steel	2	
150	Collaboration company	NC Lathe	OKUMA	LB8-C	BAR				2	250		200				Aluminum/Steel	1	
151	Collaboration company	NC Lathe	OKUMA	LB8-T	BAR				2	250		100				Aluminum/Steel	1	
152	Collaboration company	NC Lathe	OKUMA	LB200	BAR				2	230		300				Aluminum/Steel	1	
153	Collaboration company	Turning center	NAKAMURA-TOME PRECISION INDUSTR	SC-300	BAR			3,500	3	222.5	±45	635	350		600	Aluminum/Steel	1	
154	Collaboration company	NC Lathe	HITACHI	NR20III	BAR			5,000	2	200		350	180		200	Aluminum/Steel	1	
155	Collaboration company	NC Lathe	HITACHI	NR20 II	BAR			4,000	2	200		350	180		200	Aluminum/Steel	1	
156	Collaboration company	NC Lathe	TSUGAMI PERCISION	MO6JC	BAR				2	200		350				Aluminum/Steel	2	
157	Collaboration company	CNC Gear hobbing machine	MITSUBISHI HEAVY INDUSTRIES	GB15CNC	BAR			1,000	2	200		150	200		150	Aluminum/Steel	1	
158	Collaboration company	NC Conbination lathe	OKUMA	MW-12	BAR				3	180		500	200			Steel	1	
159	Collaboration company	CNC Internal grinding machine	OKAMOTO	IGM-15NC	BAR				2	150		125	150		125	Aluminum/Steel	1	