




Corporate Introduction



What makes Yoonil as your mold solution partner ideal?

We always find a way
instead of an excuse!



Injection mold solutions are used to mass-produce high quality components of consumer electronics and cars. Injection mold technology not only represents a country's design talents, but it also demonstrates manufacturing competencies. Injection mold industry is seldom known as 3D industry (dirty, difficult, and dangerous). However, Yoonil endeavors to redefine a meaning of 3D as dream, development, and delight.

Our employees persistently pursue their dreams and reinforce their talents within Yoonil. Employees seek co-prosperity and take pride in their products. Valuing our customers' products quality and success, we aim to produce top-tier injection mold solutions.

your mold making partner

Yoonil



Mission

Technology of Precision

Technology by
the Blue Collar Engineer Pride

Technology for our Customers

Vision

Confidence for Our Customers

Hope and Dream for
Our Employees

Mold Technology for Competition

History

Corporate Established (1997.11)
Established Tianjin Factory (2004.02)
Established Weihai Factory (2004.05)
Established R&D Center (2007.05)
Established Hanoi Factory (2013.02)
Grand Prix, Best SMEs in the Province
(2013.12)

1. PROFILE

Network



Name of Company | Yoonil Co., Ltd.

WEB | www.yoonil.net

CEO | Mr. OH, Eung Taek

E-mail | ceo@yoonil.net

Gumi, Korea | 2398-6, Gangbyeon-daero, Seokjeok-eup, Chilgok-gun,
Gyeongsangbuk-do

TEL | +82-54-975-8001,2

FAX | +82-54-975-8003

Director | Mr. SONG, Jae Kyung

Personnel | About 80

Tianjin, China | 15-A, Saida 6th Road, Xiqing Economic Development Area, Tianjin

TEL | +86-22-2388-9102,3

FAX | +86-22-2388-9104

Director | Mr. KIM, Yong Jin

Personnel | About 80

Weihai, China | 25 Shengde Road, Torch Hi-tech Industrial Park, Weihai, Shandong

TEL | +86-22-2388-9102,3

FAX | +86-22-2388-9104

Director | Mr. AHN, Chi Gab

Personnel | About 40

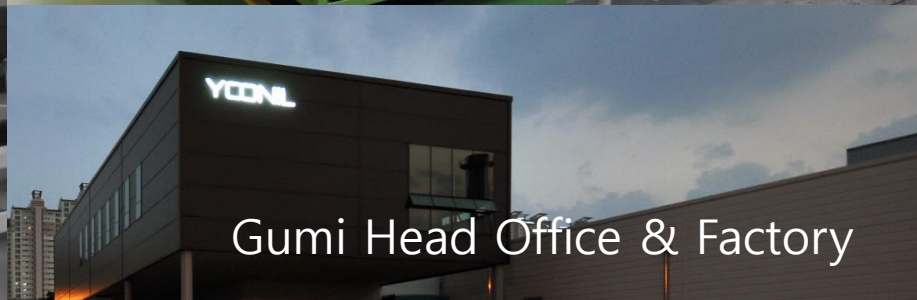
Hanoi, Vietnam | C8-2 Que Vo Industrial Park, Que Vo, Bac Ninh

TEL | +84-241-363-4830

FAX | +84-241-363-4831

Director | Mr. KWON, Young Cheol

Personnel | About 90



Gumi Head Office & Factory

1. PROFILE

Network



Hanoi Factory, Vietnam



Weihai Factory, China



Tianjin Factory, China

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YCONIL

1. PROFILE

Network

The suffix [-daum], in Korean language, means an identity of an individual or an organization. Also, in English, [-um] is used to refer a place for community activities.

Thus, Yoonil-daum is a communication space for our employees and partners to share the Yoonil's unique identity, which we have developed for the past 20 years, and which we will advance for the next 20 years together.

Address | 565-58, Jongdal-ri, Gujwa-eup, Jeju-si, Jeju-do

Vacation Facility in Jeju

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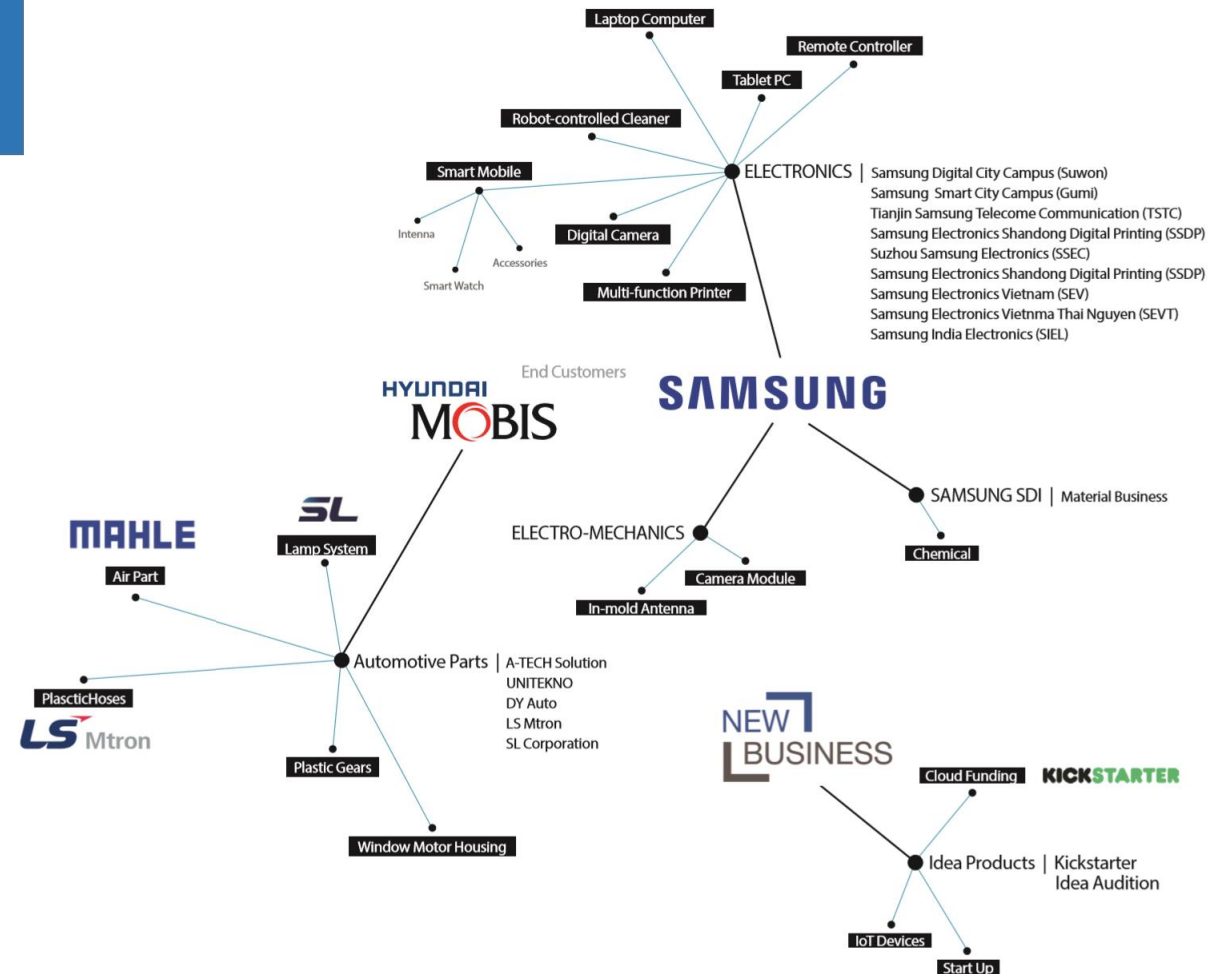
1. PROFILE

Customers

Samsung Electronics | Mobile communication division
TSTC, SIEL (India)
SEV (China), SEVT (Vietnam)

Samsung Electro-mechanics , Samsung SDI

HP, LS Mtron, Intops, SL Corporation etc.



1. PROFILE

Technology

Quick Delivery Mold | Quick Delivery Mold for product development (Galaxy accessories | VR, VR 360°etc.)

Injection Mold | Plastic Injection Mold for mass production (Samsung Mobile Devices, Hyundai Mobis Audio, & etc)

Double Injection Mold | Double Injection Mold for mixed materials and plastic
Certified Root-Technology Company with specialized core technology (ID#: 140302-0009)

Die-casting Mold | Magnesium Injection Mold (Mobile Device Bracket type)

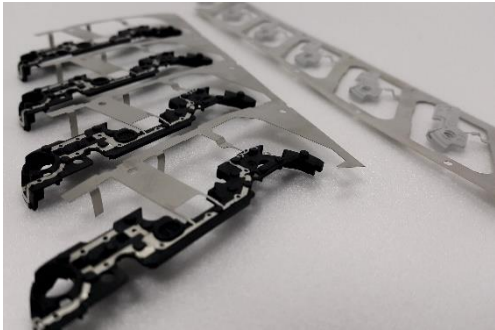
Blow Mold | Mold modification in response to mold troubles at mass production and in mechanical modifications

Metal Tooling for Parts | Precise metal parts and JIG production

1. PROFILE

Products

Mobile Phone Antenna | Metal Insert



Battery Pack for EV



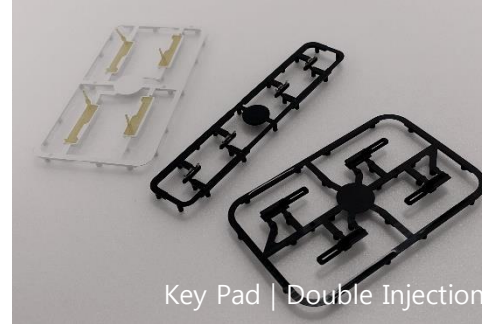
Camera Lens Tube Assy



VR | QDM



Key Pad | Double Injection



Navigation and Audio



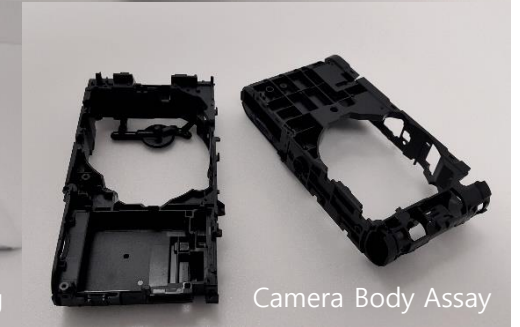
Mobile | Plastic Injection Mold



Tablet PC | Die-casting



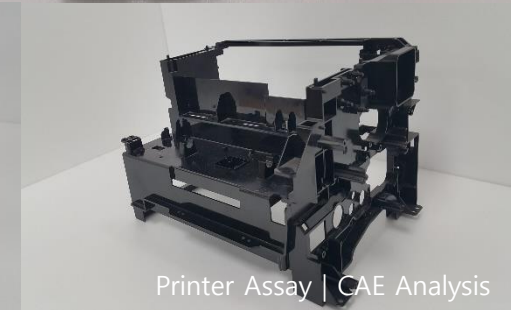
Camera Body Assy



Intake and Exhaust Tube



Printer Assy | CAE Analysis



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2. GUMI HQ

Profile

Established | November, 1997

Site Area | 4,950 m²

Built Area | 4,303 m²

Certification | ISO 9001, ISO 14001

Personnel | About 80 (Engineers : 50, Mold Designer : 15, Officer : 15)

Equipment | CNC Milling Machine : 21 EA

CNC EDM Machine : 17 EA , Measuring Machine : 8 EA

Plastic Injection Machine : 12EA (50 – 550 ton)

2. GUMI



Mold Assembly Workshop



Milling Workshop



Y HAUS



Office Building

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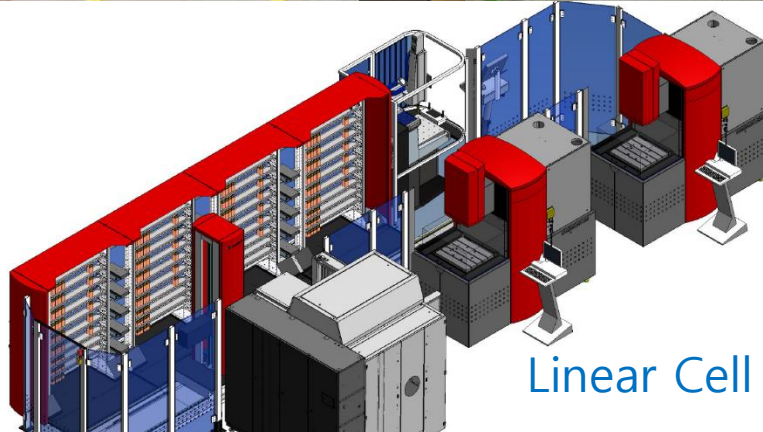
YCONIL

2. GUMI

Automation



Quad Cell



Linear Cell

As the product designs are getting more complex and diverse, the injection mold processing technique is becoming more important. To match this trend, YoonIl is continuously putting efforts to introduce the latest smart factory and its related processing technologies to develop the products that our clients need.

In injection mold process, minimizing the manual labor of the engineers is the most ideal thing to do. We have minimized the manual input error by automating the design data transmission to the equipment, and have enhanced production efficiency by implementing continuous process automation from CNC milling, discharging process, and all the way to measuring.

2. GUMI

Machining Specialty

Equipment | H/W : Röders RXU 1001 DSH , S/W : HyperMILL

Machining CAPA | Metal materials smaller than Ø 600 mm, 800 kg

Applied products | High value added components and high precise mold in aviation and automobiles industries.

The benefits of 5 Axis Precision Machining can be summarized as follows: lower cost, shorter machining time, and enhanced precision. Because, with a single setup, the 5 Axis Precision Machining can control the processing axis in multiple angles, it is capable of realizing various shapes more precisely. Moreover, by minimizing post-process such as electric discharge machining and polishing, it can satisfy the two goals, improving the quality and shortening the lead time, which the customers require.

2. GUMI

Equipment

CNC Milling Machine 21 EA (2018.12.01)

Origin	Maker	Model	EA	Purpose	Spec
Germany	RÖDERS	RXU 1001	1	Core Machining	24,000 rpm
Germany	RÖDERS	RXP 801	2	Core Machining	36,000 rpm
Germany	RÖDERS	RXP 500	1	Core Machining	42,000 rpm
Germany	RÖDERS	RXP 300	1	Core Machining	50,000 rpm
Japan	MORI	NV 40000	4	Core Machining	20,000 rpm
Japan	MAKINO	V 33	3	Core Machining	20,000 rpm
Japan	FANUC	RD a-14	4	Electrode Machining	24,000 rpm
USA	HAAS	VF 2	3	Electrode Machining	30,000 rpm
Korea	Doosan	NX 5000D	1	Mold Base Machining	20,000 rpm
Korea	Hwacheon	Cirius 650	1	Mold Base Machining	8,000 rpm

2. GUMI

Equipment

Origin	Maker	Model	EA	Purpose	Spec
Germany	ZK	Genius 700	5	Electrode EDM	Ra 0.01 μm
Japan	MAKINO	EDNC 10	2	Electrode EDM	Ra 0.01 μm
Japan	MAKINO	EDNC 65	2	Electrode EDM	Ra 0.01 μm
Japan	MAKINO	EDGE 3	2	Electrode EDM	Ra 0.01 μm
Japan	MITSUBISHI	VA 10	1	Electrode EDM	Ra 0.01 μm
Japan	SODICK	AL 600G	1	Wire EDM	0.05 μm
Japan	SODICK	AQ 600L	1	Wire EDM	0.05 μm
Japan	SODICK	AG 537L	1	Wire EDM	0.05 μm
Japan	SODICK	SL 400G	2	Wire EDM	0.05 μm

CNC EDM Machine 17 EA

2. GUMI

Equipment

Plastic Injection Machine 12 EA

Origin	Maker	Model	EA	Purpose	Spec
Japan	JSW	J550-EL	1	Test Injection	550 ton
Austria	ENGEL	Victory 400	1	Test Injection	400 ton
Austria	ENGEL	Victory 280	1	Test Injection	280 ton
Austria	ENGEL	Victory 160	1	Test Injection	160 ton
Korea	Dongshin	PRP-130	1	Test Injection	130 ton
Austria	ENGEL	Victory 120	1	Test Injection	120 ton
Korea	Dongshin	PRP-120	1	Test Injection	120 ton
Japan	FANUC	S-2000i 100	1	Test Injection	100 ton
Japan	FANUC	S-2000i 100	1	Test Injection	50 ton
Korea	Dongshin	PRP-50	1	Test Injection	50 ton
Korea	Dongshin	PRP-130	2	Double Injection	130 ton

2. GUMI

Equipment

Origin	Maker	Model	EA	Purpose
Germany	ZEISS	Duramax	1	3D Measuring
USA	HEXAGON	Global 575S	1	3D Measuring
Korea	DUKIN	Sigma 785N	1	3D Measuring
Korea	DUKIN	Champ 564C	1	3D Measuring
Japan	NIKON	VMZ-R655	1	3D Measuring
Swiss	EROWA	Preset	1	2D Presetting
USA	WILSON	M-295	1	Hardness Measure
Japan	MITSUTOYO	CV-3200	1	Contour Measure

Measuring Machine 8 EA

3. HANOI Factory

Profile

Name of Company | Yoonil Vietnam Co., Ltd.

Established | February, 2013

Site Area | 4,000 m²

Built Area | 3,500 m²

Certification | ISO 9001, ISO 14001

Personnel | About 90 (Engineer : 80, Mold Designer : 15, Officer : 15)

Equipment | CNC Milling Machine : 15 EA, CNC EDM Machine : 13 EA
Plastic Injection Machine : 4 EA (130 – 500 ton)
Measuring Machine : 4 EA

3. HANOI



Mold Assembly Workshop



Panorama of Company

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3. HANOI

Equipment

Origin	Maker	Model	EA	Purpose	Spec
Germany	RÖDERS	RXP 500	3	Core Machining	42,000 rpm
Japan	MORI	NV 40000	1	Core Machining	20,000 rpm
Japan	MAKINO	F 5	1	Core Machining	20,000 rpm
Japan	MAKINO	V 22	1	Electrode Machining	20,000 rpm
Japan	MAKINO	SNC 64	2	Electrode Machining	10,000 rpm
USA	HAAS	VF-2	4	Electrode Machining	20,000 rpm

CNC Milling Machine 12 EA (2018.12.01)

3. HANOI

Equipment

Origin	Maker	Model	EA	Purpose	Spec
Japan	MAKINO	EDNC 65	3	Electrode EDM	Ra 0.01 μm
Japan	MAKINO	EDGE 3	2	Electrode EDM	Ra 0.01 μm
Japan	MAKINO	AG 40L	1	Electrode EDM	Ra 0.01 μm
Japan	MAKINO	EDAF 3	2	Electrode EDM	Ra 0.01 μm
Taiwan	NEUAR	ZNC-75G	2	Electrode EDM	Ra 0.18 μm
Japan	MAKINO	DUO 43	3	Wire EDM	0.03 μm
Japan	SODICK	AG 400L	1	Wire EDM	0.05 μm
Japan	SODICK	SL 600G	1	Wire EDM	0.05 μm
Korea	DAEHAN	400 um	5	General EDM	-
Korea	SAEWOON	SE-75G	2	General EDM	-

CNC EDM Machine 15 EA , General EDM Machine 7 EA

3. HANOI

Equipment

Origin	Maker	Model	EA	Purpose	Spec
Korea	Dongshin	WD 500	1	Test Injection	500 ton
Austria	ENGEL	Victory 350	1	Test Injection	350 ton
Austria	ENGEL	Victory 160	1	Test Injection	220 ton
Korea	Woojin	TH 130S	1	Test Injection	130 ton
Korea	DUKIN	Champ 54C	1	3D Measuring	
Japan	MITSUTOYO	CV-3000	1	Contour Measure	
Japan	MITSUTOYO	MF	1	Illumination Measuring	
Swiss	EROWA	Preset	1	2D Measuring	

Plastic Injection Machine 4 EA , Measuring Machine 4 EA

4. TIANJIN Factory

Profile

Name of Company | Tianjin Yoonil Precision Mould Co., Ltd.

Established | February, 2004

Site Area | 8,600 m²

Built Area | 4,600 m²

Certification | ISO 9001, ISO 14001, ISO 18001

Personnel | About 80 (Engineer : 60, Mold Designer : 10, Officer : 10)

Equipment | CNC Milling Machine : 8 EA, CNC EDM Machine : 7 EA

Plastic Injection Machine : 4 EA (100 – 300 ton)

Measuring Machine : 7 EA

4. TIANJIN



Mold Assembly Workshop



Mold Design Office

your mold making partner

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4. TIANJIN

Equipment

Origin	Maker	Model	EA	Purpose	Spec
Germany	RÖDERS	RXP 500	1	Core Machining	42,000 rpm
Japan	MAKINO	V 33	1	Core Machining	20,000 rpm
Japan	MAKINO	F 3	1	Core Machining	20,000 rpm
Japan	FANUC	a-T 14	1	Electrode Machining	10,000 rpm
USA	HAAS	VF-2	2	Electrode Machining	20,000 rpm
Japan	MAKINO	E 33	2	Electrode Machining	20,000 rpm

CNC Milling Machine 9 EA (2018.12.01)

4. TIANJIN

Equipment

Origin	Maker	Model	EA	Purpose	Spec
Japan	MAKINO	EDGE 3	3	Electrode EDM	Ra 0.01 μm
Japan	MITSUBISHI	EDGE 2	3	Electrode EDM	Ra 0.01 μm
Japan	SODICK	AQ 360	1	Wire EDM	0.03 μm
Austria	ENGEL	Victory 350	1	Test Injection	350 ton
Austria	ENGEL	Victory 220	1	Test Injection	220 ton
Japan	JSW	J 110AD	1	Test Injection	110 ton
Korea	Dongshin	PRP-100	1	Test Injection	100 ton

CNC EDM Machine 7 EA , Plastic Injection Machine 4 EA

4. TIANJIN

Equipment

Origin	Maker	Model	EA	Purpose
Korea	DUKIN	HIT-500	1	3D Measuring
Korea	DUKIN	Champ 564C	1	3D Measuring
Japan	MITSUTOYO	QVM 3020	1	Non-contact Measuring
Japan	MITSUTOYO	SJ-410	1	Non-contact Measuring
Japan	MITSUTOYO	M-295	1	Illumination Measuring
Japan	MITSUTOYO	CV-3200	1	Contour Measure
Swiss	EROWA	Preset	1	2D Presetting

Measuring Machine 7 EA

5. WEIHAI Factory

Profile



Name of Company | Weihai Yoonil Precision Mould Co., Ltd.

Established | May, 2004

Site Area | 4,100 m²

Built Area | 2,090 m²

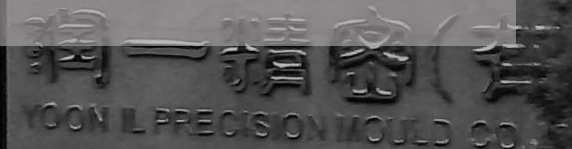
Certification | ISO 9001, ISO 14001

Personnel | About 40 (Engineer : 25, Mold Designer : 10, Officer : 5)

Equipment | CNC Milling Machine : 6 EA, CNC EDM Machine : 6 EA

Plastic Injection Machine : 2 EA (220 – 450 ton)

Measuring Machine : 2 EA



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5. WEIHAI

Equipment

Origin	Maker	Model	EA	Purpose	Spec
Japan	MAKINO	F3	1	Core Machining	20,000 rpm
Japan	MORI	NVD 5000	1	Core Machining	20,000 rpm
Korea	DOOSAN	NX 5000D	1	Mold Base Machining	20,000 rpm
Korea	HWACHEON	Cirius 650	2	Mold Base Machining	8,000 rpm
Korea	HWACHEON	Vesta 1050B	1	Mold Base Machining	8,000 rpm
Swiss	GF	Act Spark	1	Electrode EDM	Ra 0.05 μm
Taiwan	WINTOP	MFD-400	2	Electrode EDM	Ra 0.20 μm
China	HSP	HP 45	2	Electrode EDM	Ra 0.18 μm
Japan	SODICK	AQ 600L	1	Wire EDM	0.05 μm

CNC Milling Machine 6 EA, CNC EDM Machine 6EA (2018.12.01)

5. WEIHAI

Equipment

Origin	Maker	Model	EA	Purpose	Spec
Korea	LG	LGH450M	1	Test Injection	450 ton
Korea	LG	LGH220M	1	Test Injection	220 ton
Korea	DUKIN	Sigma 785N	1	3D Measuring	
Japan	MITSUTOYO	SJ-410	1	Illumination Measuring	

Plastic Injection Machine 2 EA, Measuring Machine 2EA



Thank you very much!