

2013. Company Overview





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- 6) Crane
- 7) Purifier Production
- 8) Manufacture of Marine Spare Parts
- 9) Eco- friendly business



1. About Company



1) Company Profile

The responsibility, duty, and action towards the customers are the prides of POKO.

ESTABLISHMENT YEAR	November, 2002
CEO	GWJ-DONG, KIM
PERSONNEL	78Persons January, 2013 Currently
LOCATION	No.21, Gamcheonhang-ro 405-gil, Saha-gu, Busan, Korea.
BUILDING AREA	5,692.7m ²



1. About Company



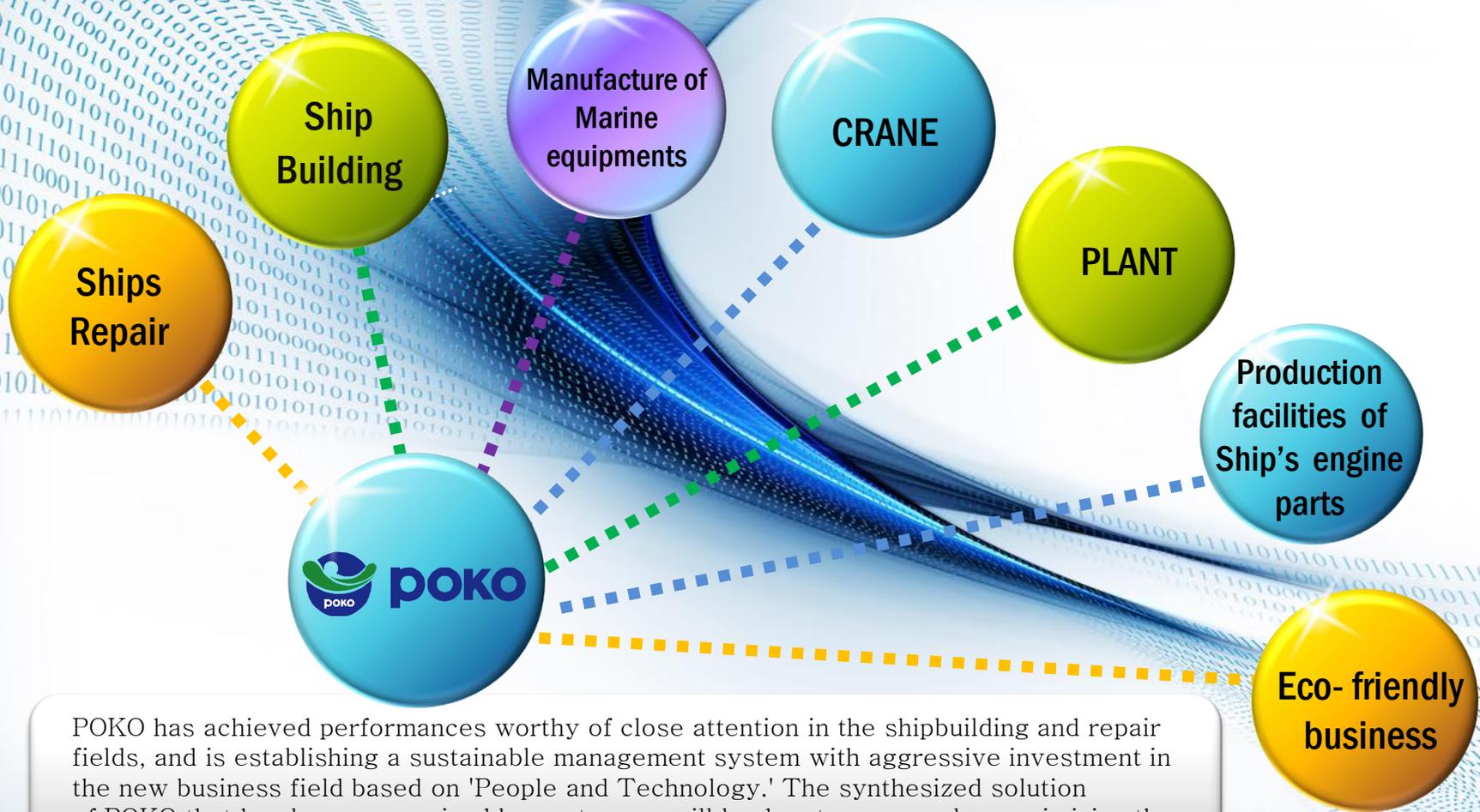
2) History

- 2002 Establishment of POKO ENGINEERING Corporation (Youngdo-gu Namhang-dong 3, 141-150)
- 2002 Registration of ship repair business (Busan customs, registration number; 030G413)
- 2003 Relocation of the place of business (Youngdo-gu Namhang-dong 3, 141-58)
- 2003 ISO 9001 Application (Norway classification)
- 2004 WPS (welding process) license acquisition (Korea classification)
- 2005 Selected as a top company (Busan Bank)
- 2007 Acquired venture enterprise certification (technology credit guarantee fund)
- 2007 Relocation of the company building (Youngdo-gu Chunghak-dong, 5-1)
- 2008 Contract with German firm(SIMS) regarding technology transfer and franchise
- 2010 Relocation of the factory to Saha-gu Gupyung-dong (business expansion)
- 2010 Establishment of POKO HEAVY INDUSTRIES
- 2011 Acquisition of certification of Innobiz company
- 2011 Acquisition of certificate of each classification WPS (DNV, ABS, GL, LR, KR)
- 2011 GL(Germanischer Lloyd) Application (Germany classification)
- 2011 Registration of STX Offshore & Shipbuilding cooperative firm
- 2011 Established of R&D Center
- 2011 Acquisition of Construction business license of Mechanical Work
- 2012 Win a contract - Dredge Gantry Crane(160ton) - KOJIMGUMI, JAPAN
- 2012 Win a contract - RDF(Refuse Derived Fuel) mechanical work - Suncheon City

1. About Company



3) BUSINESS AREA

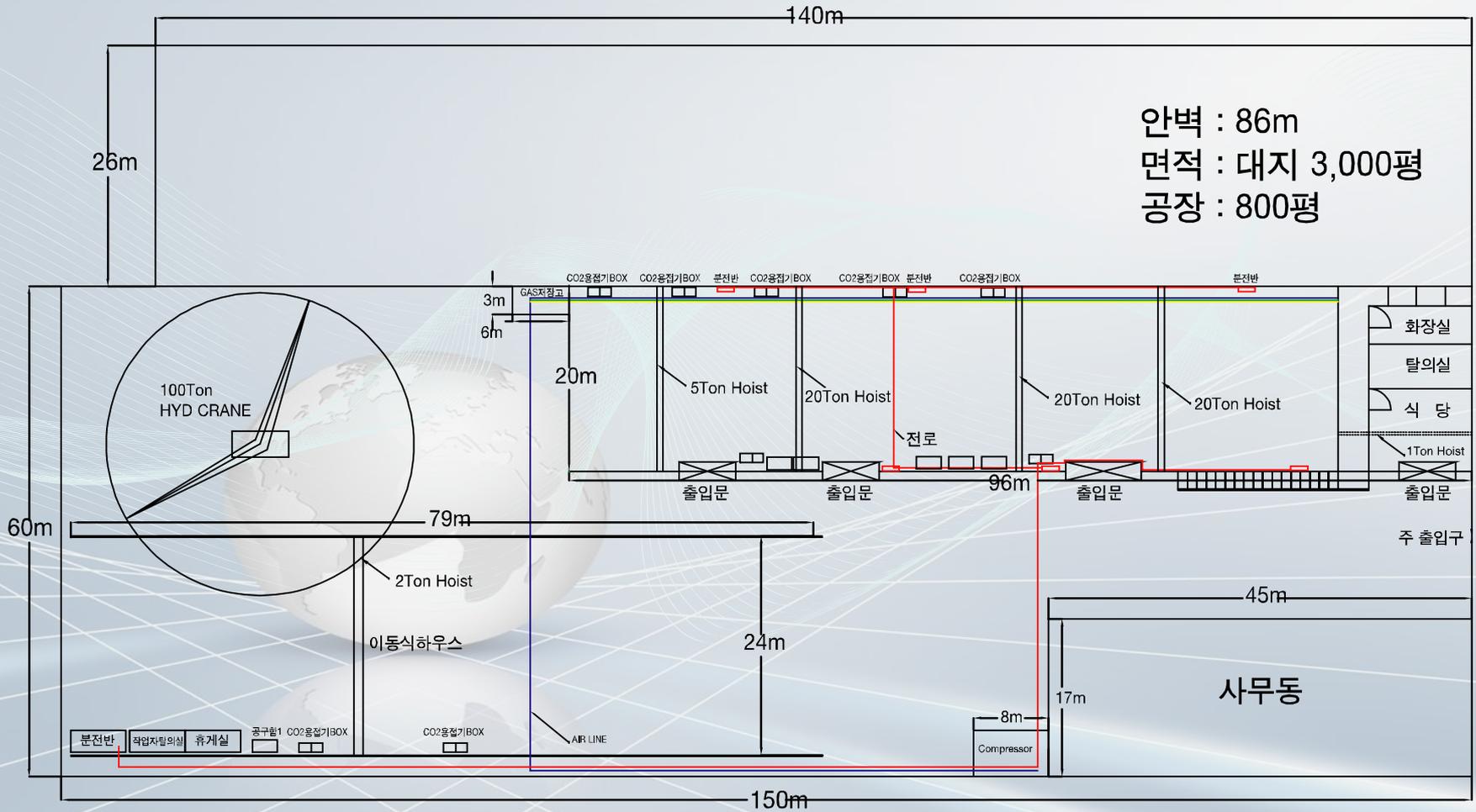


POKO has achieved performances worthy of close attention in the shipbuilding and repair fields, and is establishing a sustainable management system with aggressive investment in the new business field based on 'People and Technology.' The synthesized solution of POKO that has been recognized by customers will lead us to success by maximizing the benefit and value of customers.

1. About Company



4) Factory Layout



안벽 : 86m
 면적 : 대지 3,000평
 공장 : 800평

1. About Company



5) EQUIPMENTS-I

ITEM	CAPACITY	AMOUNT	ITEM	CAPACITY	AMOUNT
AIR COMPRESSOR	100 HP	1	CO2 Welding Machine	500 A	26
CRAWELER CRANE	100 Ton	1	ARC Welding Machine	15 KW	20
HYD CRANE	180 Ton	1	LATHE		5
HOIST CRANE	1 Ton	1	TIG Welding Machine	500A	5
HOIST CRANE	2 Ton	1	INVERTER TIG Welding Machine		1
HOIST CRANE	3 Ton	1	GOUGING MACHINE	1000A	2
HOIST CRANE	5 Ton	2	GAS CUTTING NACHINE		20
HOIST CRANE	20Ton	1	RE-MACHINE		2
CNC LATHE		4	FORKLIFT	7 Ton	2
NC CUTTING NACHINE		2	FORKLIFT	5 Ton	1
FEEDER		68	Abrasive cut-off machine	380V / 3	2
1Ton Truck	1Ton	4	Welding Machine BOX		14
SIGNAL LEVEL		3	APS		2

2. Business Area



5) EQUIPMENTS-II

Lathe 900*6000



Lathe 460*1500



CNC Lathe 10" 4set



Lathe 580*2000



Milling 5



Lathe 720*3000



RD-Machine 1600



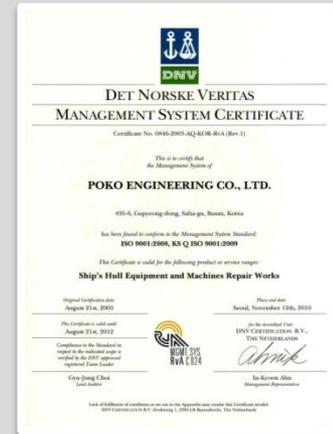
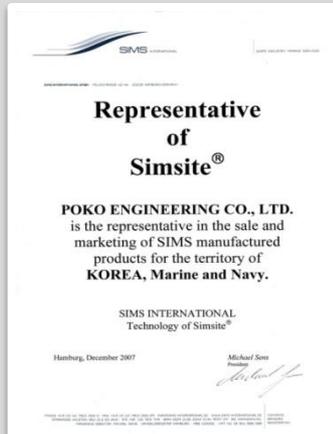
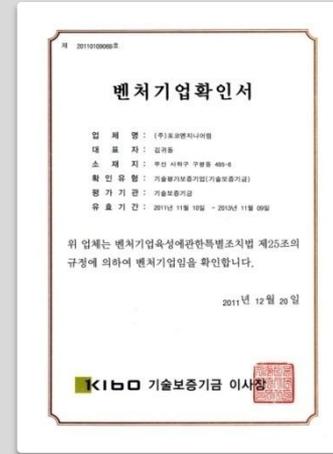
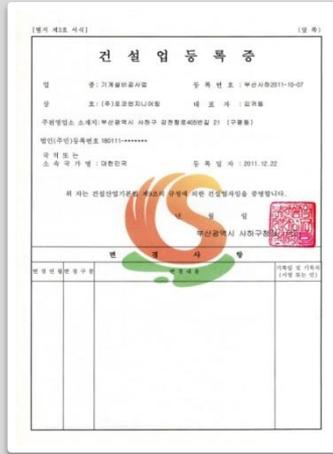
Drilling Machine 3Set



1. About Company



6) CERTIFICATION



1. About Company



7) WPS STATUS OF CERTIFICATION

Approval Range For WPS								Summary Of Qualification Test											Class	
No.	WPS No.	Process	B.M Grade	Dia (mm)	Thick (mm)	Joint	Position	PQ No.	B.M Grade	Joint Type	Dia (mm)	Thick (mm)	Position	NDT	Ten sile	Mar cro	Bend	Impact		Hard
1	FCAW-F-001	FCAW	KR-RA	Plate	5~18	Butt	1G	QFCAW-F-001	CLA	Single Bevel	Plate	9	1G	MT RT	2	2	4	7	1	KR
2	FCAW-H-002	FCAW	KR-RA	Plate	5~18	Butt	2G	QFCAW-F-002	CLA	Single Bevel	Plate	9	2G	MT RT	2	2	4	7	1	KR
3	FCAW-V-003	FCAW	KR-RA	Plate	5~18	Butt	3G	QFCAW-F-003	CLA	Single Bevel	Plate	9	3G	MT RT	2	2	4	7	1	KR
4	PK-FCAW-001	FCAW	A,AH32 AH36	Plate	7~28	Butt	1G	PK-PFCAW-001	AH36	Single Bevel	Plate	14	1G	MT RT	2	2	4	7	1	KR/ABS LR/GL
5	PK-FCAW-002	FCAW	A,AH32 AH36	Plate	7~28	Butt	2G	PK-PFCAW-002	AH36	Single Bevel	Plate	14	2G	MT RT	2	2	4	7	1	KR/ABS LR/GL
6	PK-FCAW-003	FCAW	A,AH32 AH36	Plate	7~28	Butt	3G	PK-PFCAW-003	AH36	Single Bevel	Plate	14	3G	MT RT	2	2	4	7	1	KR/ABS LR/GL
7	PK-GTAW-001	GTAW	SUS316L	21.35 ~ 85.4	3 ~ 7.2	Butt	6G	PK-PGTAW-001	SUS316L	Double Bevel	42.7	3.6	6G	RT PT	2	2	4	7	1	KR/ABS LR/GL
8	PK-GTAW-002	GTAW	SUS316L	82.6 ~ Over	3 ~ 14.2	Butt	6G	PK-PGTAW-002	SUS316L	Double Bevel	165.2	7.1	6G	RT PT	2	2	4	7	1	KR/ABS LR/GL
9	PK-GT.FC-001	GTAW + FCAW	STPG 370 STPT 370	Above 30.2~	2.7 ~ 11	Butt	1G	PK-PGR.FC-001	STPG 370 STPT 370	Double Bevel	60.5	5.5	1G	MT RT	2	2	4	7	1	KR/ABS LR/GL
10	PK-GT.FC-002	GTAW + FCAW	STPG 370 STPT 370	82.6 ~ 330	5.5 ~ 22	Butt	2G	PK-PGR.FC-002	STPG 370 STPT 370	Double Bevel	165.2	11	2G	MT RT	2	2	4	7	1	KR/ABS LR/GL
11	PK-GMAW-001	GMAW	A5083	Plate	3~16	Butt	1G	PK-PGMAW-001	A5083	SINGLE BEVEL	Plate	8	1G	RT PT	2	2	2	-	-	KR

1. About Company



7) WPS STATUS OF CERTIFICATION

Approval Range For WPS								Summary Of Qualification Test											Class	
No.	WPS No.	Process	B.M Grade	Dia (mm)	Thick (mm)	Joint	Position	PQ No.	B.M Grade	Joint Type	Dia (mm)	Thick (mm)	Position	NDT	Ten sile	Mar cro	Bend	Impact		Hard
12	PK-GMAW-002	GMAW	A5083	Plate	3~16	Butt	2G	PK-PGMAW-002	A5083	SINGLE BEVEL	Plate	8	2G	RT PT	2	2	2	-	-	KR
13	PK-GMAW-004	GMAW	A5083	Plate	10~40	Butt	1G	PK-PGMAW-004	A5083	SINGLE BEVEL	Plate	20	1G	RT PT	2	2	2	-	-	KR
14	PK-GMAW-005	GMAW	A5083	Plate	10~40	Butt	2G	PK-PGMAW-005	A5083	SINGLE BEVEL	Plate	20	2G	RT PT	2	2	2	-	-	KR



2. Business Area



1) Ship Repair-1

Hull / Engine / Piping / Outfitting



2. Business Area



1) Ship Repair-2

Reconstruction & Remodeling



2. Business Area



2) Ship Building-1

The Shipbuilding business is the core business sector for the sustainable management of POKO. POKO has so far provided Total Solution in ship construction with strong technical skills which has built in the shipbuilding and repairs. POKO is working on the performance improvement with the differentiated One-Stop Processing through ceaseless self-development to keep pace with the changing paradigm of new shipbuilding industry and is reducing costs.

Even at this time, all of executives and staff members have united together in order to jump up to be a leading company in the world.

Small Craft / Tug Boat / Purse Seiner (예속소형보트)



2. Business Area



2) Ship Building-2

Cruise Ship



2. Business Area



3) Manufacture of Marine equipments

Block



Block



MGO Tank



Deck Machinery



Winch



Boom



Boom



Radar Mast



2. Business Area

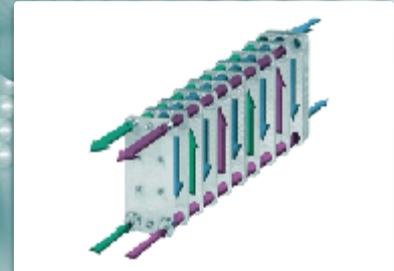


4) PLANT

The plant business is a part of the industries that attach importance to humans and environment.

POKO designs, produces and supplies the optimum products that conform to the international standards such as the ASME and the JIS in order to satisfy the quality level guaranteed by the producer with technological innovation.

POKO's executives and staff members have united together in their effort to reform POKO into a leading company in the world.



2. Business Area



5) Manufacture of Construction Equipment



New building of Gantry Crane with the world's first new engineering method by POKO.



2. Business Area



PRODUCTION PROCESS



2. Business Area



6) CRANE

PROVISION CRANE



This is installed an individual power pack unit.
Function- luffing crane (can carry out in a short/ long distance.)
Capacity- 2~20tons.
Advantage-High-capacity work in a short-distance.

HOSE DAVIT



This is a small crane which moves hoses that fuel all sorts of vessels. It is built on the engine room, at the stern. Driving up and down-Air motor& Electric& Hydraulic. Slewing-Auto&hand -operated

ENGINE ROOM



This is installed in the engine room of all sorts of ships to utilize and repair the main engine.

Lifting capacity-2~15tons
Span- 5~15M

RESCUE BOAT DAVIT



This is utilized as a rescue boat davit to salvage boats. It has a function - an emergency descent by hand power.

2. 주요 사업분야



7) Purifier Production

It has always been our effort to maintain condition and quality of our spare parts according to World Standards. Regular inspections are carried out by our specially trained staff with necessary testing equipment and manned by our technical team who are totally dedicated to inspection of our products.



2. Business Area



8) Manufacture of Marine Spare Parts

Products





9) Eco-friendly business

Engineering

생활 폐기물
고형 연료화
플랜트(RDF Plant)



폐플라스틱 고형연료화 플랜트(RPF Plant)

RDF / RPF
전용 보일러



Consignment management

원주시 생활 폐기물 연료화 시설 위탁운영

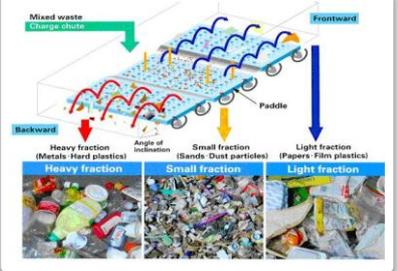
Agency

파쇄기
Lindner in Austria



분쇄기
Weima in Germany

폐기물 선별설비
(계획)

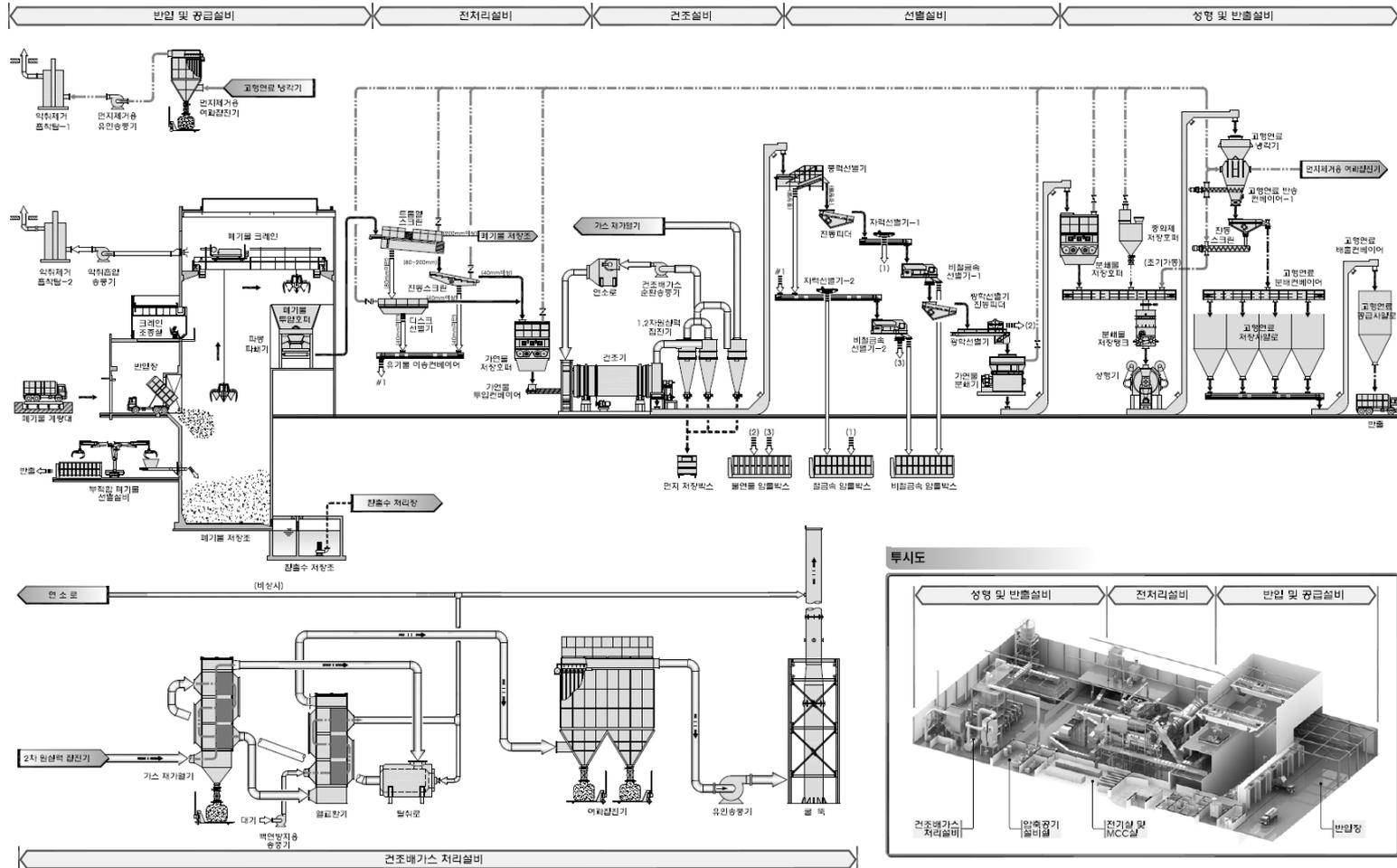


2. Business Area

RECYCLING & ENERGY MANAGEMENT



RDF Process

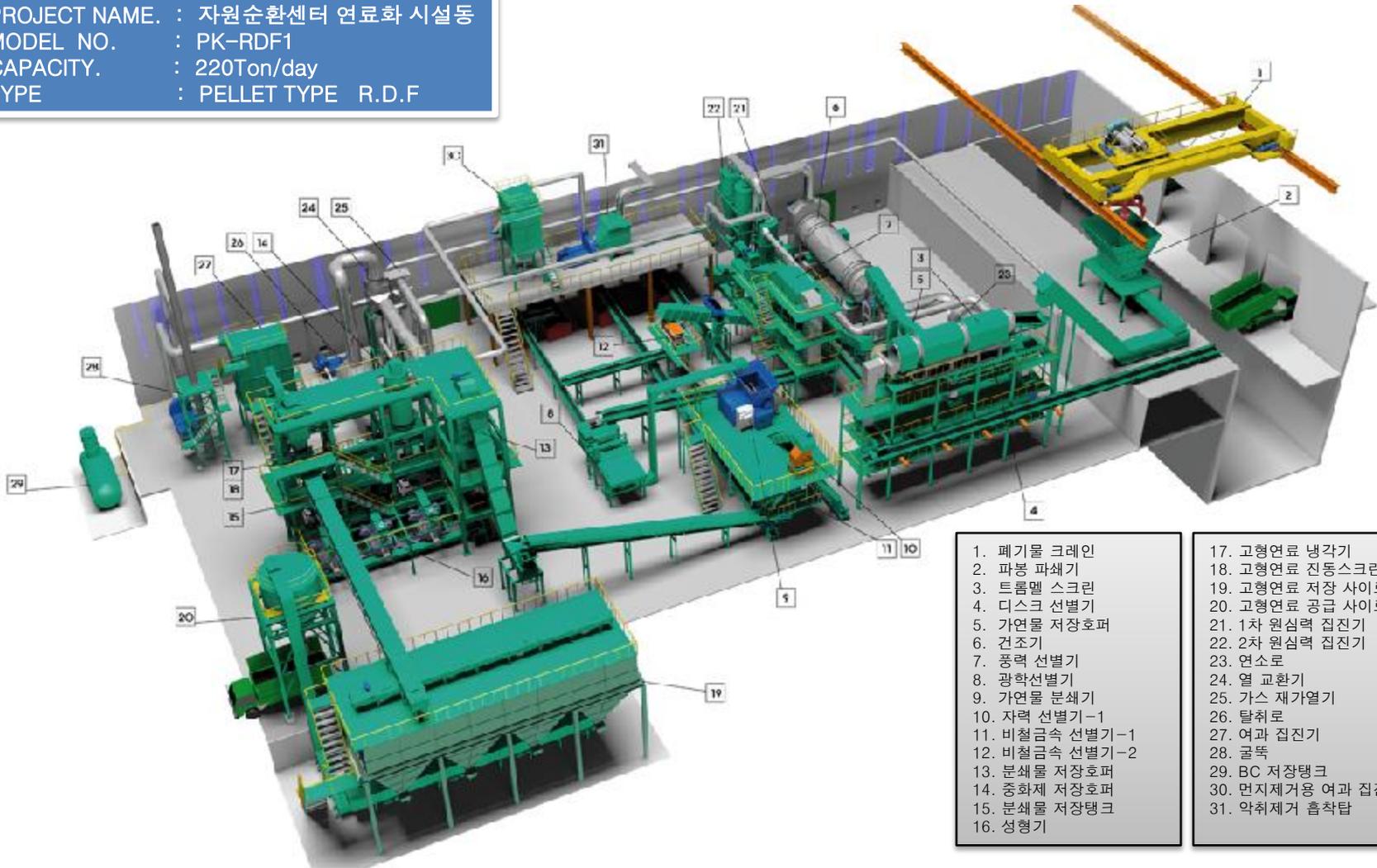


2. Business Area

RECYCLING & ENERGY MANAGEMENT



PROJECT NAME. : 자원순환센터 연료화 시설동
 MODEL NO. : PK-RDF1
 CAPACITY. : 220Ton/day
 TYPE : PELLET TYPE R.D.F



- | | |
|----------------|------------------|
| 1. 폐기물 크레인 | 17. 고형연료 냉각기 |
| 2. 파봉 파쇄기 | 18. 고형연료 진동스크린 |
| 3. 트롬멜 스크린 | 19. 고형연료 저장 사이로 |
| 4. 디스크 선별기 | 20. 고형연료 공급 사이로 |
| 5. 가연물 저장호퍼 | 21. 1차 원심력 집진기 |
| 6. 건조기 | 22. 2차 원심력 집진기 |
| 7. 풍력 선별기 | 23. 연소로 |
| 8. 광학선별기 | 24. 열 교환기 |
| 9. 가연물 분쇄기 | 25. 가스 재가열기 |
| 10. 자력 선별기-1 | 26. 탈취로 |
| 11. 비철금속 선별기-1 | 27. 여과 집진기 |
| 12. 비철금속 선별기-2 | 28. 굴뚝 |
| 13. 분쇄물 저장호퍼 | 29. BC 저장탱크 |
| 14. 중화제 저장호퍼 | 30. 먼지제거용 여과 집진기 |
| 15. 분쇄물 저장탱크 | 31. 악취제거 흡착탑 |
| 16. 성형기 | |

Gallery





***Thank You,
Always with you!***

