



아주스틸소개

생활 속 철의 가치
세상의 모든 색을 담아 드립니다

Human's life with creative thinking and innovative technologies

CONTENTS

1. 경영현황
2. 사업현황
3. 제조현황
4. 관계사현황

생활 속 철의 가치

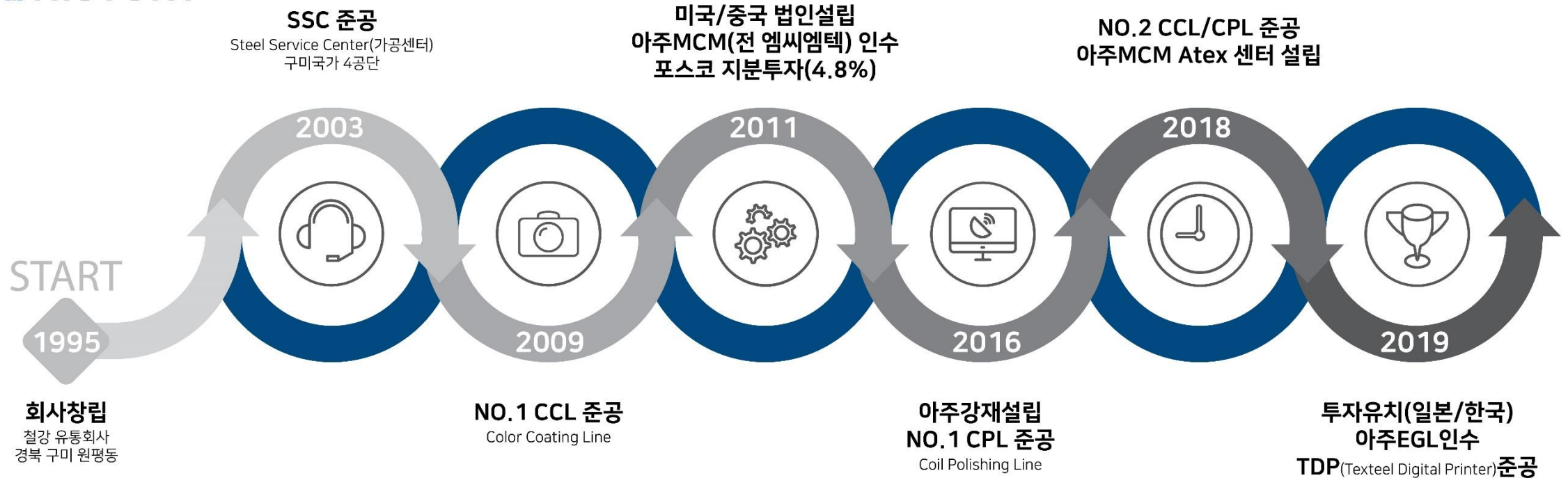
세상의 모든 색을 담아 드립니다

Human's life with creative thinking and innovative technologies

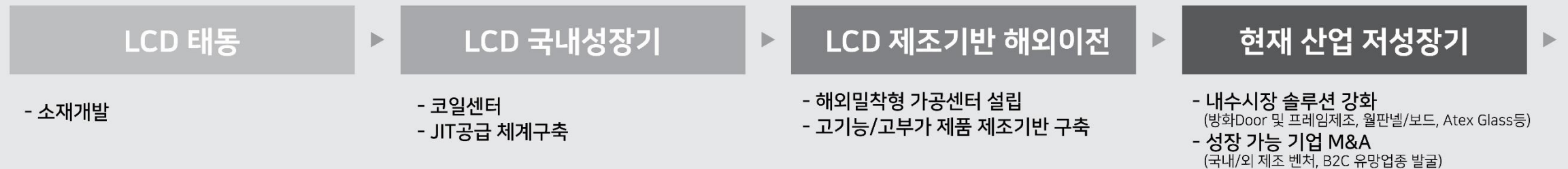


1. 경영현황

III HISTORY



III 산업 변화 단계별 AJU 성장 전략



VISION 및 경영현황

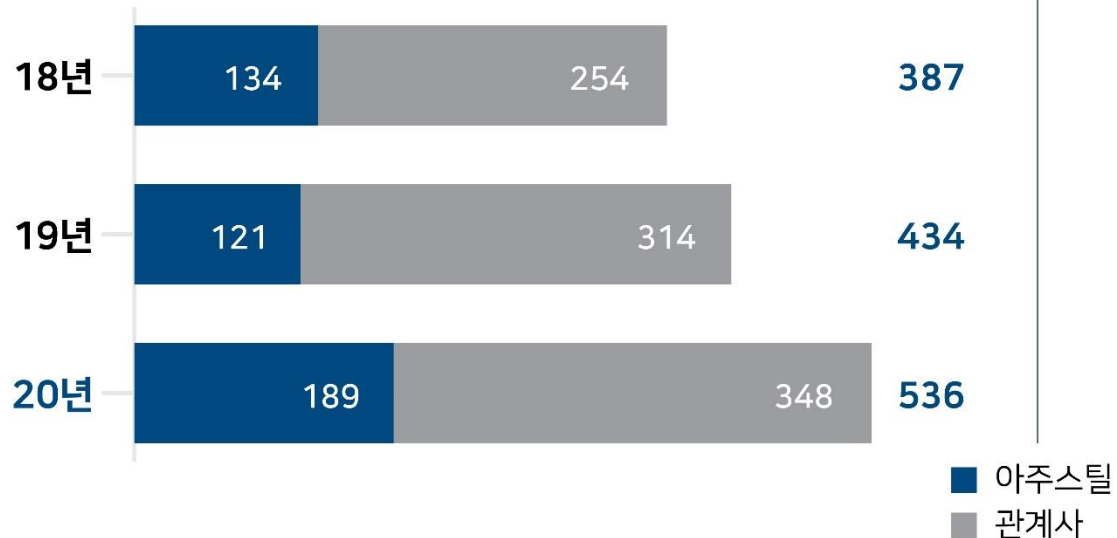
GLOBAL 선도로 영속기업 토대 구축 / 직원이 행복한 기업

1. 선진국형 기업으로 변화
2010~2019
기술고도화
인력전문화
자본안정화

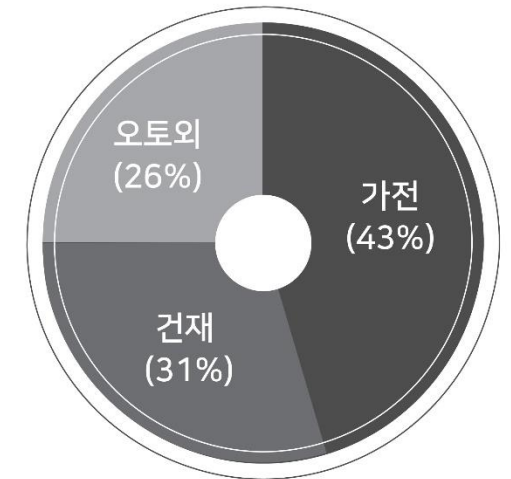
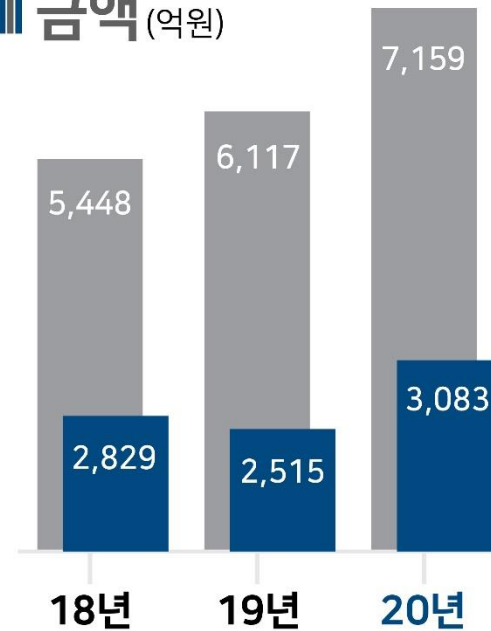
2. 대체 불가능 기업 구축
2020~2029
인적자원 육성
설비 딥체인지
블루오션 확보

3. 영속가능 기업도약
2030~
매출1조
신기술 신산업 개발

중량



금액 (억원)



20년 매출 Mix 전망

GLOBAL 회사현황



아주스틸 본사 & 엠씨엠 구미공장



에이제이스틸



AJU MX



아주스틸 3공장



아주엠씨엠



AJU HZ



아주이지엘



아주강재



AJU ML

현재 총 **700명** / 아주스틸 **300명**

2. 사업현황

III 사업군

가전



영상가전/생활가전

- LCD TV 내/외장재
- OLED TV 내외장재
- 냉장고, 세탁기, 오븐 등 외장재
(Premium 제품군 적용)
- 삼성가전 Built-in 외장재
(가전사 설비투자)

건자재솔루션



빌딩 내외장재/방화문/엘리베이터

- 방화Door 및 프레임 제조
- 월판넬 및 보드 제조
- 글래스 접합 강판 제조
- 질감 및 재질 사실적 표현

고내식강건재



태양광/스마트팜

- 고내식 Pipe/Pad
- 고내식 부품
- 태양광 Assy 구조물
- 산업용
(물탱크, 케이블트레이, 가드레일 등)

자동차전장/자동차



배터리/전장부품/고장력 포밍

- 전기자동차 Cell Cover
- 차량 전장/전조등용 MCCL
- 일반조명/BLU용 MCCL
- HEV/EV용 특수코팅 제품

III 아주그룹사 sole brand



Texteel [텍스틸]

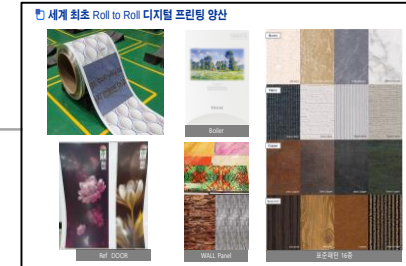
- Textile(직물)과 Steel(철판)의 합성어로 차가운 철판에 따뜻한 섬유의 감촉과 화려한 디자인이 표현된 강판을 의미

Texteel hybrid
[텍스틸 하이브리드]

- Texteel소재에 Silk를 더해 질감을 극대화한 제품

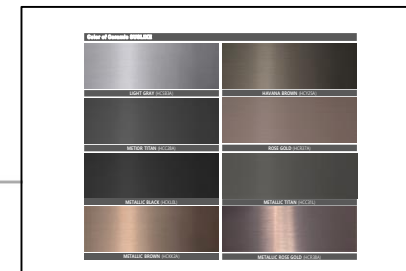
Texteel vcm
[텍스틸 브이씨엠]

- Texteel소재에 PET필름을 라미네이팅한 제품



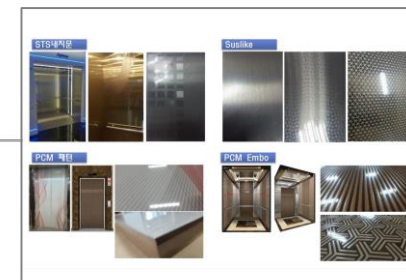
Suslike [서스라이크]

- Stainless(스테인레스)와 Like(유사한)의 합성어로
도금 표면을 연마 코팅하여 스테인레스 질감을 표현한 제품



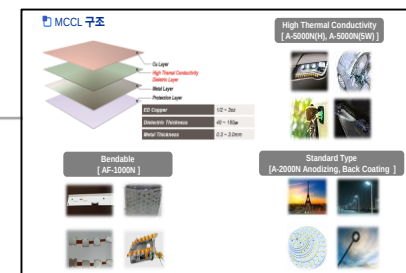
Silk [실크]

- Silk screen 방식으로 철판 표면에
화려한 디자인과 질감을 프린팅 한 제품

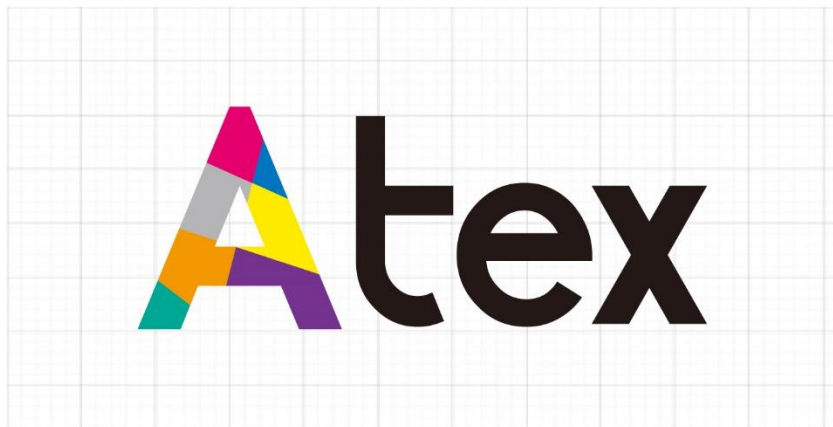


pMCCL [피엠씨씨엘]

- 동박적층메탈기판(MCCL)의 성능을 독보적 기술로 향상(Plus)한 제품
- 양면 Anodizing, Bendable, Back Coating, 고 신뢰성 절연층



III Atex BI



Atex_는

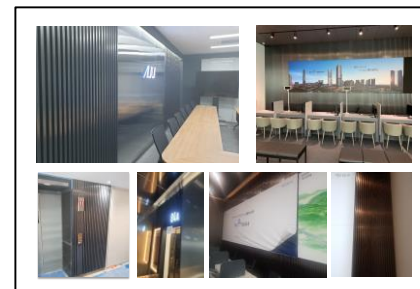
AJU와 Texture(질감)의 합성어로
천, 목재, 대리석, 글라스, 스테인레스 등의
질감과 감촉을 철판에 표현한
아주 그룹사의 소재로 만든
프리미엄 건축용 완제품을
통칭하는 브랜드 입니다.

III Atex 제품군

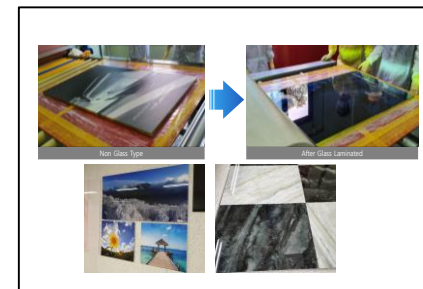
Atex door [아텍스 도어]



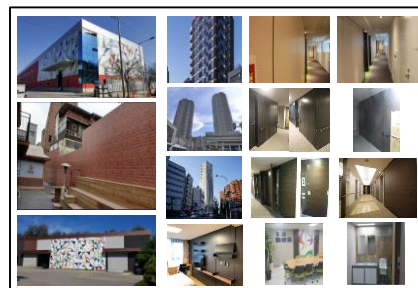
Atex louver [아텍스 루버]



Atex glass [아텍스 글라스]



Atex board [아텍스 보드]



Atex frame [아텍스 프레임]



Atex partition [아텍스 파티션]



3. 제조현황

EGL
Electro-Galvanized Line

CPL
Coil Polishing Line

CCL
continuous Color Coating Line

SSC
Steel Service Center

Blaking
Blaking 가공

SPS
Sheet Polishing System

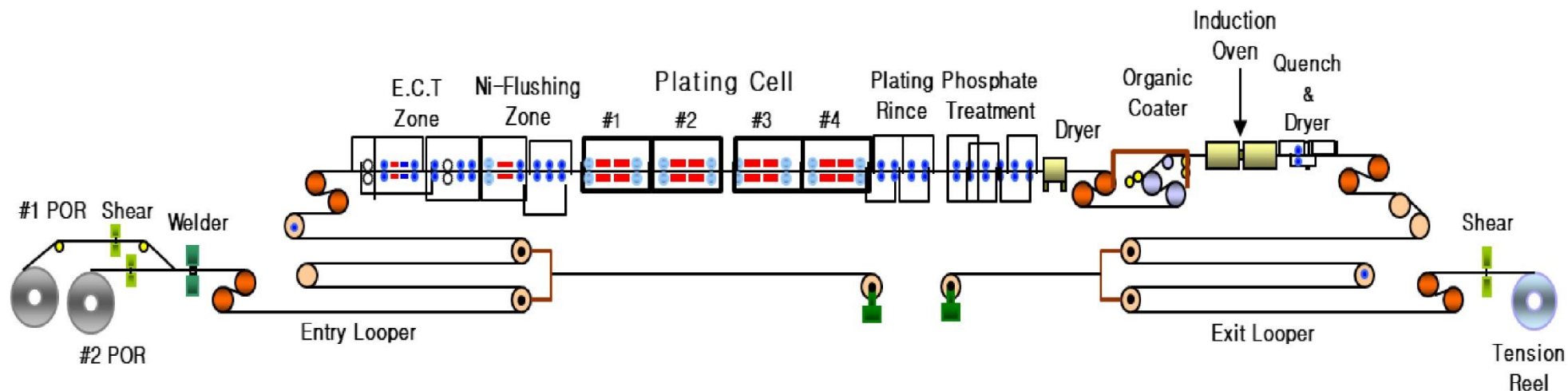
MCCL
Metal based Copper
Clad Laminate for MPCB

Atex center
DP+Silk screen coating

PIPE/C SHAPE
고내식강 Pipe/C형강

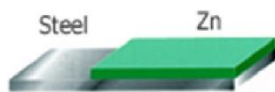
III EGL (Electro-Galvanized Line) : 아주스틸

Line	Capacity (ton/y)	Specification(mm)		Line Speed	Coating Weight	Product Size	Materials
		Thickness	Width				
No. 1	12K	0.2~3.0	760~1,300	40mpm	Max 30g/30g/m2	외경 2,100mm 중량 22,000kg	CR, PO Phosphated, AFP, Cr-Free



Non-Treatment

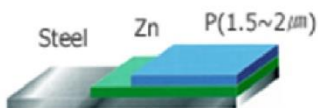
무처리 : M



PCM소재용

Phosphate Treatment

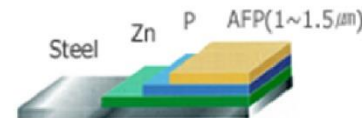
인산염처리 : P



도장성, 용접성

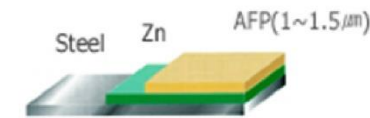
Anti-Finger Printing

일반내지문 : P+AFP



내식성, 내지문성

전도성내지문 : M+AFP



내지문성, 전도성, 내식성

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Steel Service Center

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Blaking 가공

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Sheet Polishing System

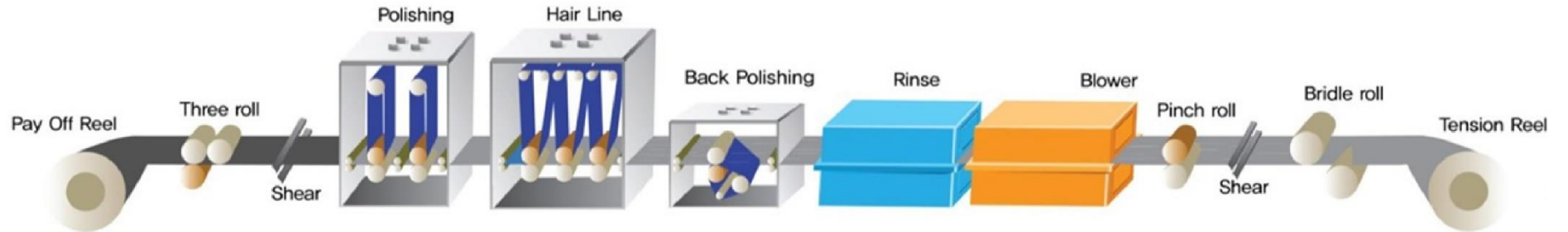
MCCL
Metal based Copper
Clad Laminate for MPCB

Atex center
DP+Silk screen coating

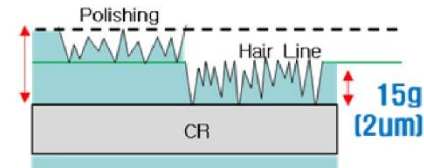
PIPE/C SHAPE
고내식강 Pipe/C형강

■ CPL (Coil Polishing Line) : 아주스틸

Line	Capacity (ton/y)	Maker	Specification(mm)		Line Speed	Product Size	Materials
			Thickness	Width			
No.1	15K	IMEAS'97년	0.4~3.0	700~1,580	25mpm	외경 2,100mm 중량 20,000kg	STS / AL 도금재 (Zn-ni, POSMAC, GI 등)
No.2	15K	IMEAS'17년	0.3~3.0	700~1,580			



Zn-Ni 30g 도금
(4um)



* 도금재 Polishing 개념도



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Steel Service Center

Blaking
Blaking 가공

SPS
Sheet Polishing System

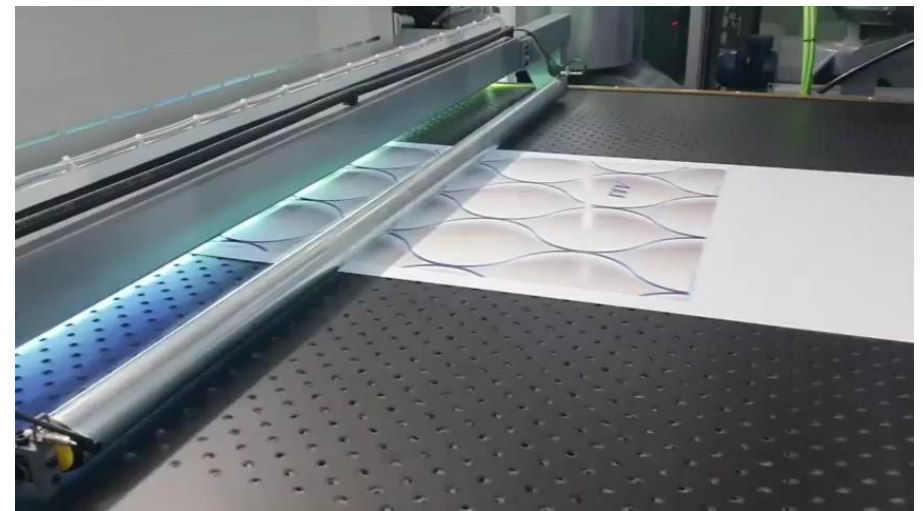
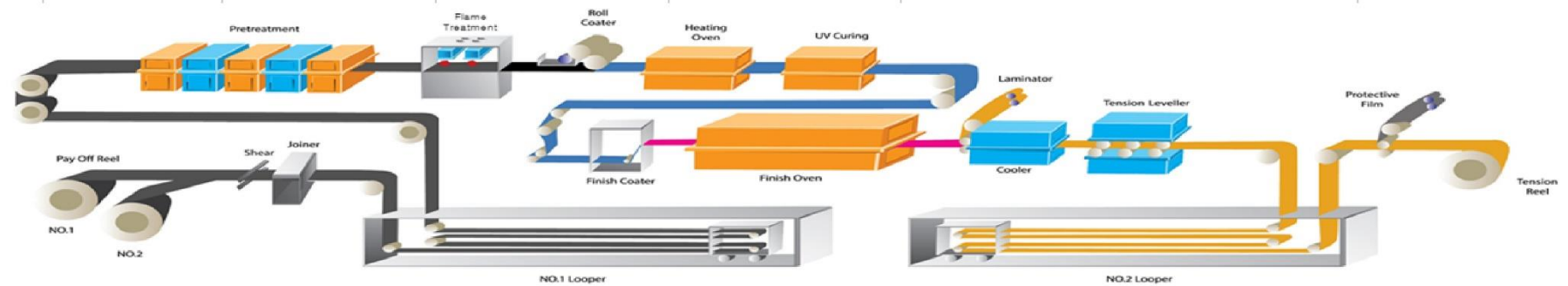
MCCL
Metal based Copper
Clad Laminate for MPCB

Atex center
DP+Silk screen coating

PIPE/C SHAPE
고내식강 Pipe/C형강

■ CCL (continuous Color Coating Line) : 아주스틸

Line	Capacity (ton/y)	Coating Type	Specification(mm)		Product	Materials
			Thickness	Width		
No.1	60K	2C 2B	0.15~1.6(AI 2.0)	600~1,524	PCM, VCM, Clear 코팅	EG, GI, AL, STS 등
No.2	30K	1C 1B	0.15~1.6(AI 2.0)	500~1,300	Smart Coating, 고기능성 VCM	



EGL
Electro-Galvanized Line

CPL
Coil Polishing Line

CCL
continuous Color Coating Line

SSC
Steel Service Center

Blaking
Blaking 가공

SPS
Sheet Polishing System

MCCL
Metal based Copper
Clad Laminate for MPCB

Atex center
DP+Silk screen coating

PIPE/C SHAPE
고내식강 Pipe/C형강

SSC (Steel Service Center) : 아주스틸

		STL	SHL
Line		8	9
Capacity _(ton/y)		300K	200K
Specification _(mm)	Thickness	0.15~4.0	0.15~4.0
	Width	8~1,550	100~1,550
	Length	Coil	300~6,000

- Coil to Coil EMBO 겸용 Line
- Sheet to Sheet 절단 / 날장 전수검사 서비스
- 초 정밀 협폭 Slitting (Camber 0.2mm/1.5M 이하 기준)



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Blaking 가공

SPS
Sheet Polishing System

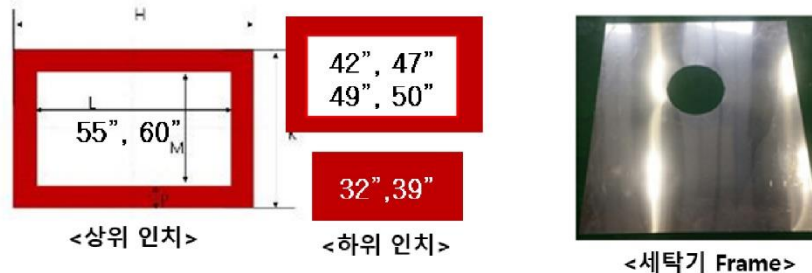
MCCL
Metal based Copper
Clad Laminate for MPCB

Atex center
DP+Silk screen coating

PIPE/C SHAPE
고내식강 Pipe/C형강

Blaking (Blanking 가공) : 아주스틸

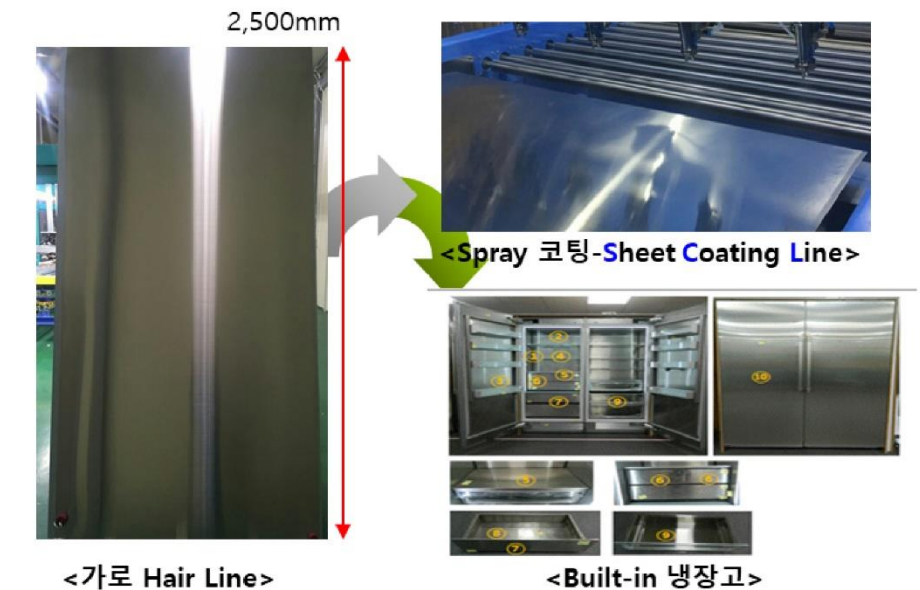
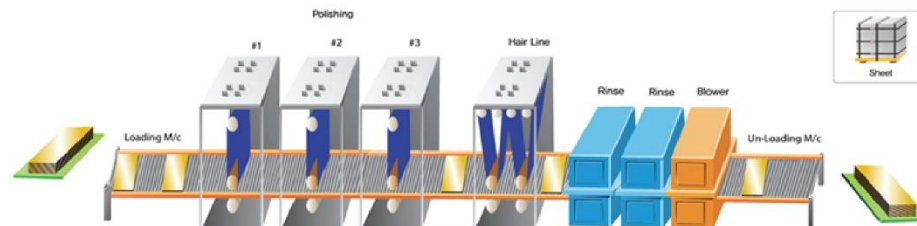
	P1	P2	P3
Ton	350	350	350
Maker	SIMPAC		



SPS (Sheet Polishing System) : 아주스틸

Specification(mm)			Speed (mpm)	비고
Thickness	Width	Length		
0.5~1.2	1500~2500	650~1500	Max 8	설비투자 :삼성/AJU

-국내 최초 폭 2500mm STS를 가로 H/L하는 설비



EGL
Electro-Galvanized Line

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SSC
Steel Service Center

Blaking
Blaking 가공

SPS
Sheet Polishing System

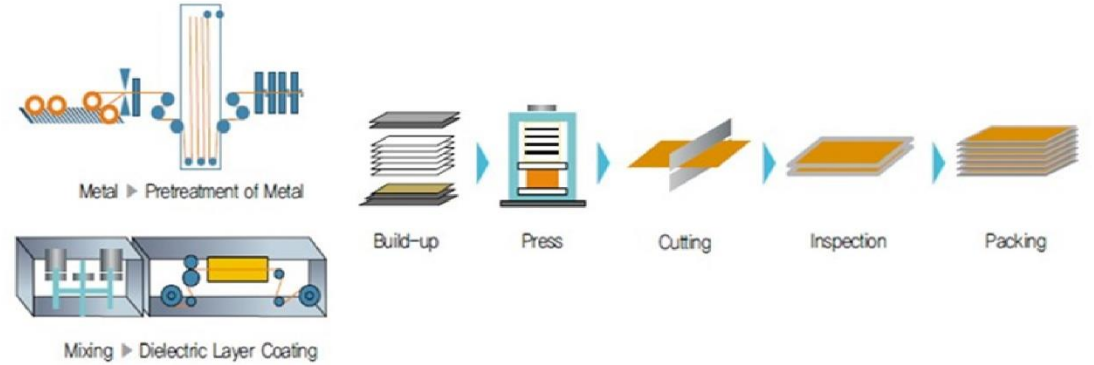
MCCL
Metal based Copper
Clad Laminate for MPCB

Atex center
DP+Silk screen coating

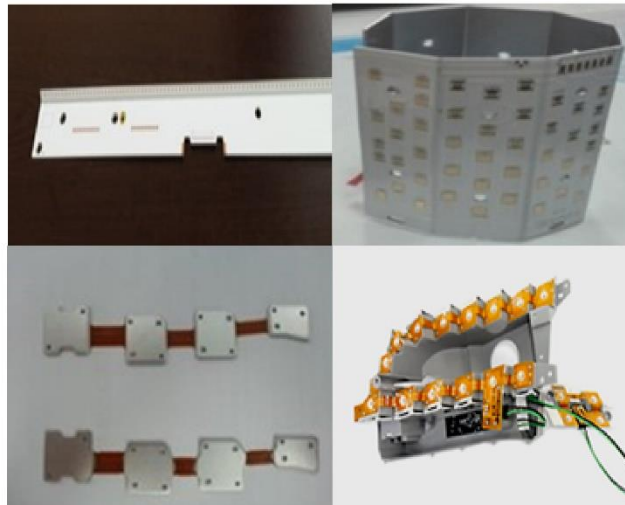
PIPE/C SHAPE
고내식강 Pipe/C형강

MCCL (Metal based Copper Clad Laminate for MPCB) : 아주스틸

Capacity		1.2 millions
Specification	Thickness	Copper : 0.5~3 Dielectric Layer : 75~150 Al : 0.3~3.0mm
	Main Size	520x405mm, 520x620mm 520x640mm, 520x800mm
Note	Plate size	1,270x2,200mm



Bendable
(AF-1000 MLS)



High Reliability
(A-5000N(H), A-5000N(5W))



Standard
(A-2000N Anodizing, Back Coating)



EGL
Electro-Galvanized Line

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CCL
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SSC
Steel Service Center

Blaking
Blaking 가공

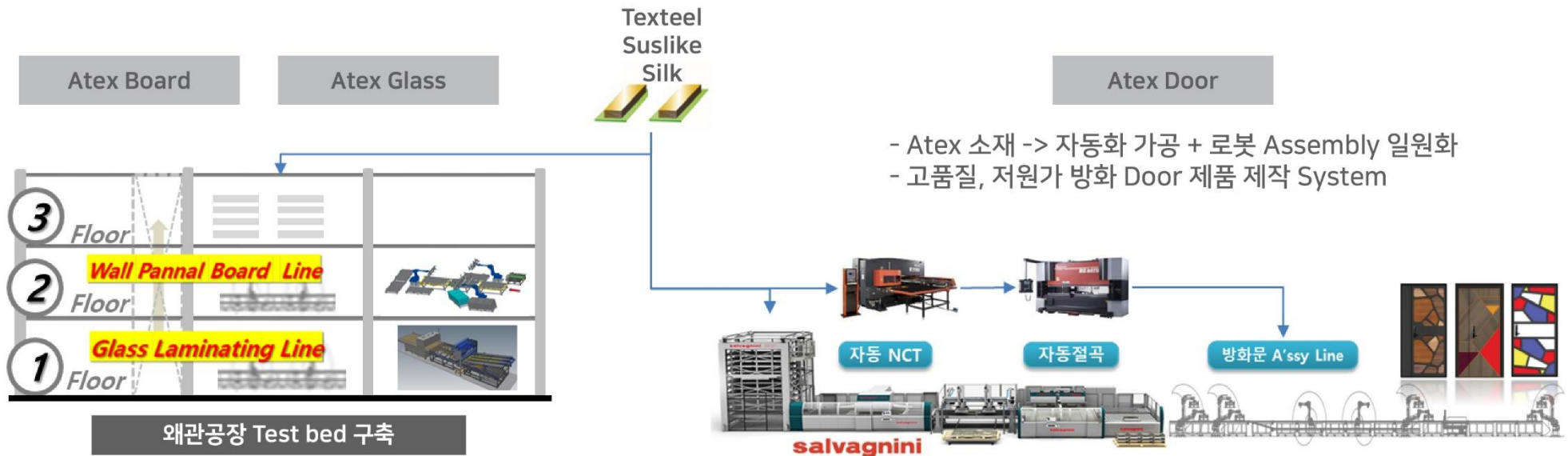
SPS
Sheet Polishing System

MCCL
Metal based Copper
Clad Laminate for MPCB

Atex center
DP+Silk screen coating

PIPE/C SHAPE
고내식강 Pipe/C형강

Atex center (DP+Silk screen coating) : 아주엠씨엠



Silk Screen Printing



Multi Assembly Line

EGL
Electro-Galvanized Line

CPL
Coil Polishing Line

CCL
continuous Color Coating Line

SSC
Steel Service Center

Blaking
Blaking 가공

SPS
Sheet Polishing System

MCCL
Metal based Copper
Clad Laminate for MPCB

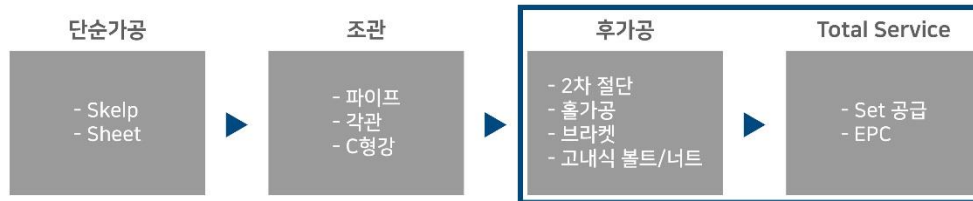
Atex center
DP+Silk screen coating

PIPE/C SHAPE
고내식강 Pipe/C형강

PIPE/C SHAPE (고내식강 Pipe/C형강) : 아주강재

	Thickness	Length	Spec
Pipe/각관	1.2~3.2T	6,000~15,000mm	21.7~63.5(Pipe) ~50R(각관)
C형강 (#1,#2,#3)	1.5~3.2T	~1200mm	100x50, 75x45

- 태양광/농원용 : 용융도금강판 -> 포스맥 전환
- 태양광/제주도 농원용 광: 포스코와 전략적 MOU 체결
- 스마트팜 : 농어촌공사/포스코와 전략적 MOU 체결



태양광 ASSY 구조물



하우스 시공

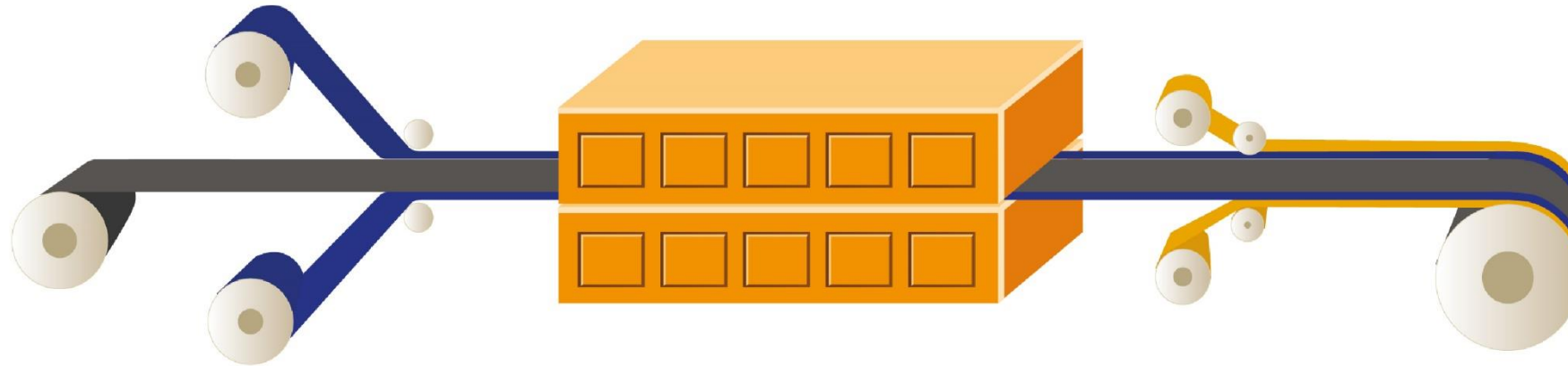
태양광

스마트팜

4. 관계사현황

III 다중강판 합착설비(협력사)

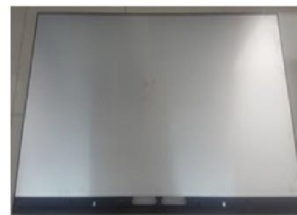
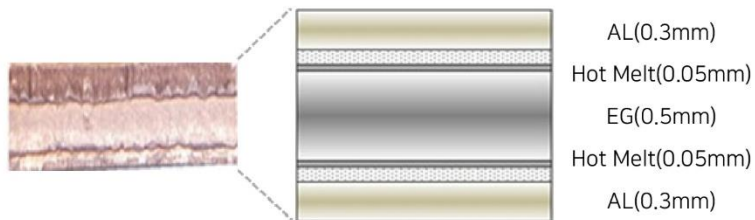
Capacity (ton/y)	Materials	Specification	Product (Coil)	Line Speed
43,000m	STS, AL, 도금재, 0.2~2mm	두께 0.6~75mm 폭 600~1,575mm	10,000kg(MAX)	0.5(Min)~3.5mpm(Max)



흡음
(Sound absorption)
진동흡수
(Vibration absorption)
단열
(Insulation)

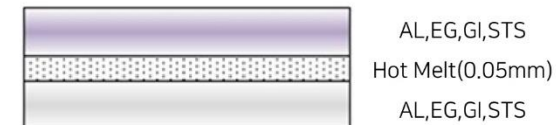
3중강판

AL/EG/GI/STS등의 소재를
Hot Melt로 3Layer로 합착한 제품



2중강판

AL/EG/GI/STS등의 소재를
Hot Melt로 2Layer로 합착한 제품



Forming Line

- 6Line



특수강 연마/가공

- 특수강(금형,공구강) 절단 및 연마, 열처리 제품 생산



Bend Saw

Two-Head Side Milling

Flat Milling

Grinding



Q&A

감사합니다 :)

생활 속 철의 가치

세상의 모든 색을 담아 드립니다

Human's life with creative thinking and innovative technologies

