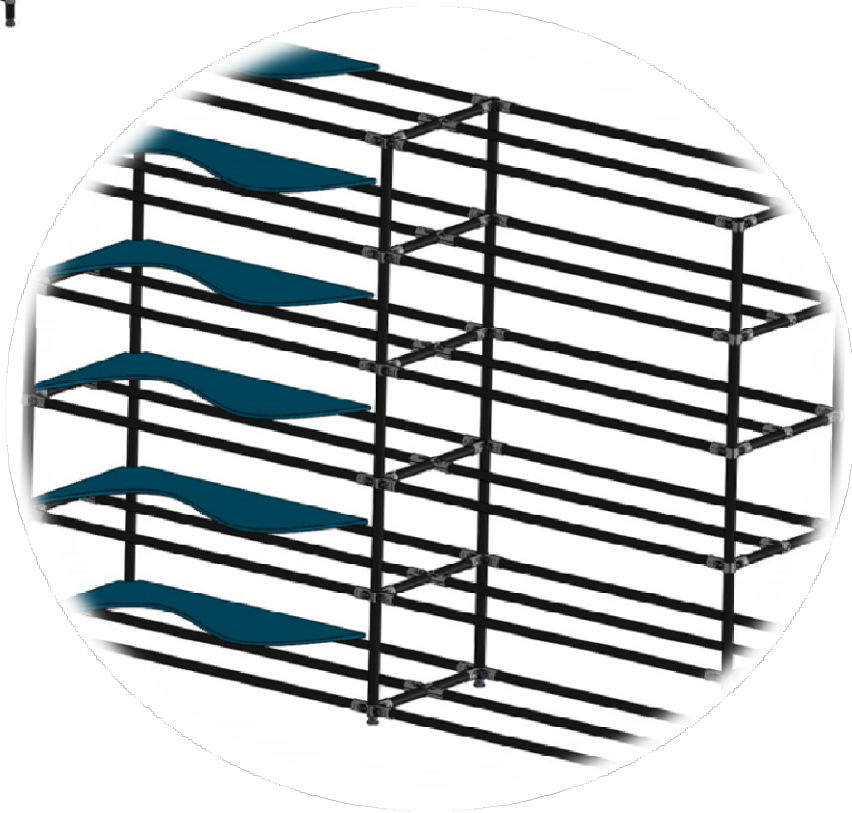
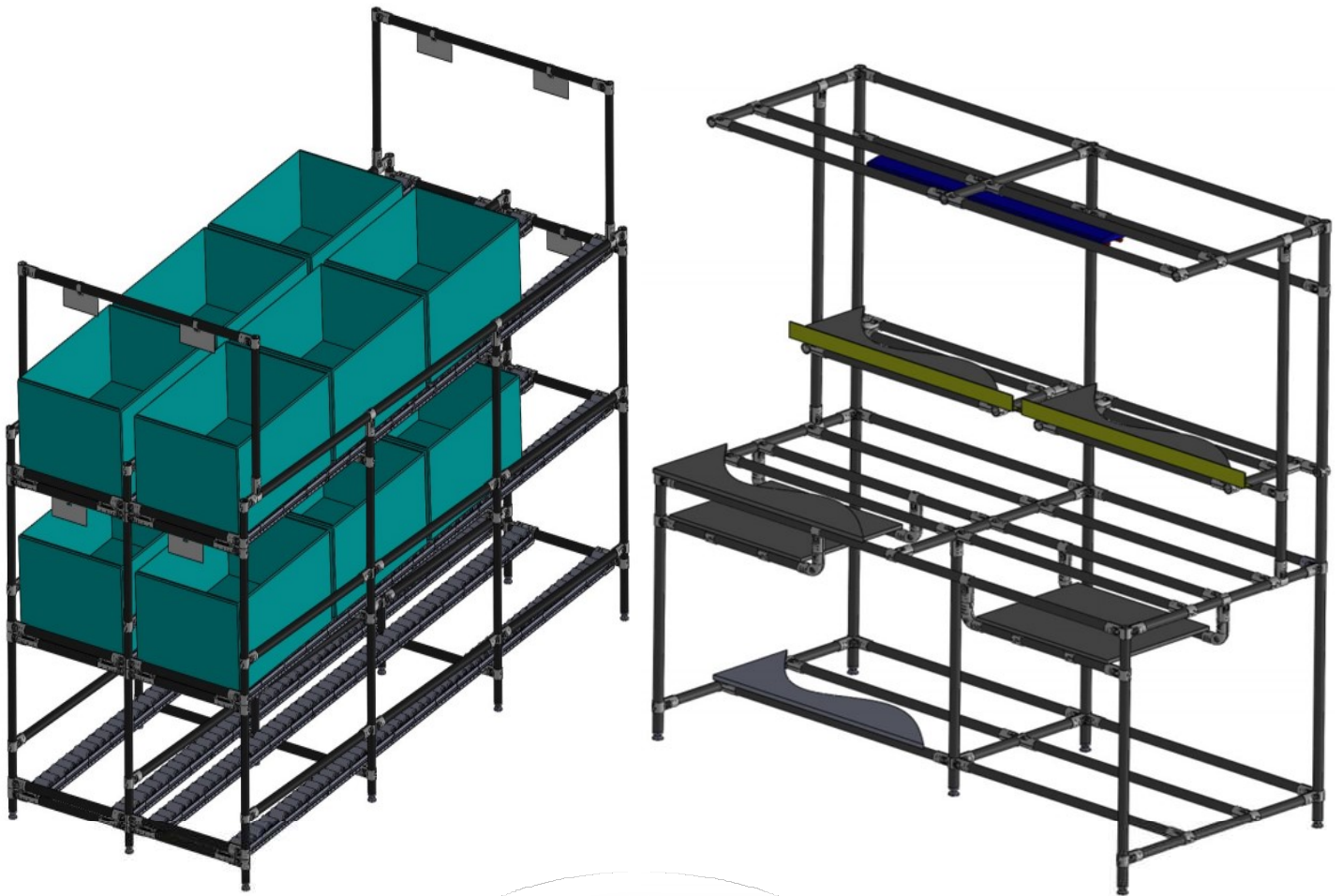


# LOGIFORM



**LOGIFORM**

(주)피제이시스템

## - Company Introduction -

“ 끊임없는 도전과 창의로  
미래의 성장 기회를 만들어가는 (주)피제이시스템이 있습니다. ”

안녕하십니까 !  
고객의 발전이 당사와 국가발전의 초석임을 깊이 새겨  
항상 고객과 함께 하겠습니다.

항상 저희 (주)피제이시스템의 제품을 구매 사용해주시고 관심 어린  
격려와 충고를 아끼지 않으시는 고객 여러분께 깊은 감사 드립니다.

(주)피제이시스템은 고객 여러분의 다양하고도 세심한 요구까지  
완벽히 수용해 내기 위해 끊임없는 연구개발과 노력으로  
고객의 사전 / 사후 서비스 업무에도 최선을 다할 것입니다.

앞으로도 많은 관심과 성원 부탁드립니다.  
감사합니다.

## - Company System-

회사내부시스템은 고객의 의뢰를 받아 설계자가 직접 미팅을  
통해 사전 검토 후, 진행을 하고 있습니다.

또한, 고객 여러분의 신뢰를 위해 설계자 및 현장 작업자들은  
기술자격증을 통해 배치되어있습니다.

긴 글 읽어주셔서 감사합니다.

대표이사

박종걸



## - What is a prefabricated pipe rack system?

- 1) 조립식 구조물을 사용하는 본 제품은 용접식 구조물에 비해 가볍고 조립 및 분해 후 구조변경이 쉽고, 견고하다.

This product uses prefabricated structures and is lighter than welded structures

It is easy to change the structure after assembly and disassembly. and it is robust.

- 2) 모든 분야에 적용이 가능하며 각 공정에 맞도록 제작하여 효율을 높일 수 있으며, 비용절감의 효과 및 생산라인 증가를 찾아볼수 있습니다.

It can be applied to all fields, and it is manufactured according to each process to be efficient

Increase, reduce costs and increase production lines  
I have it.

- 3) 제작 후 사용 중에도 파이프와 조인트, 볼트, 너트를 이용하여 조립하면 변경 하고자 하는 형태로 사용할 수 있다.

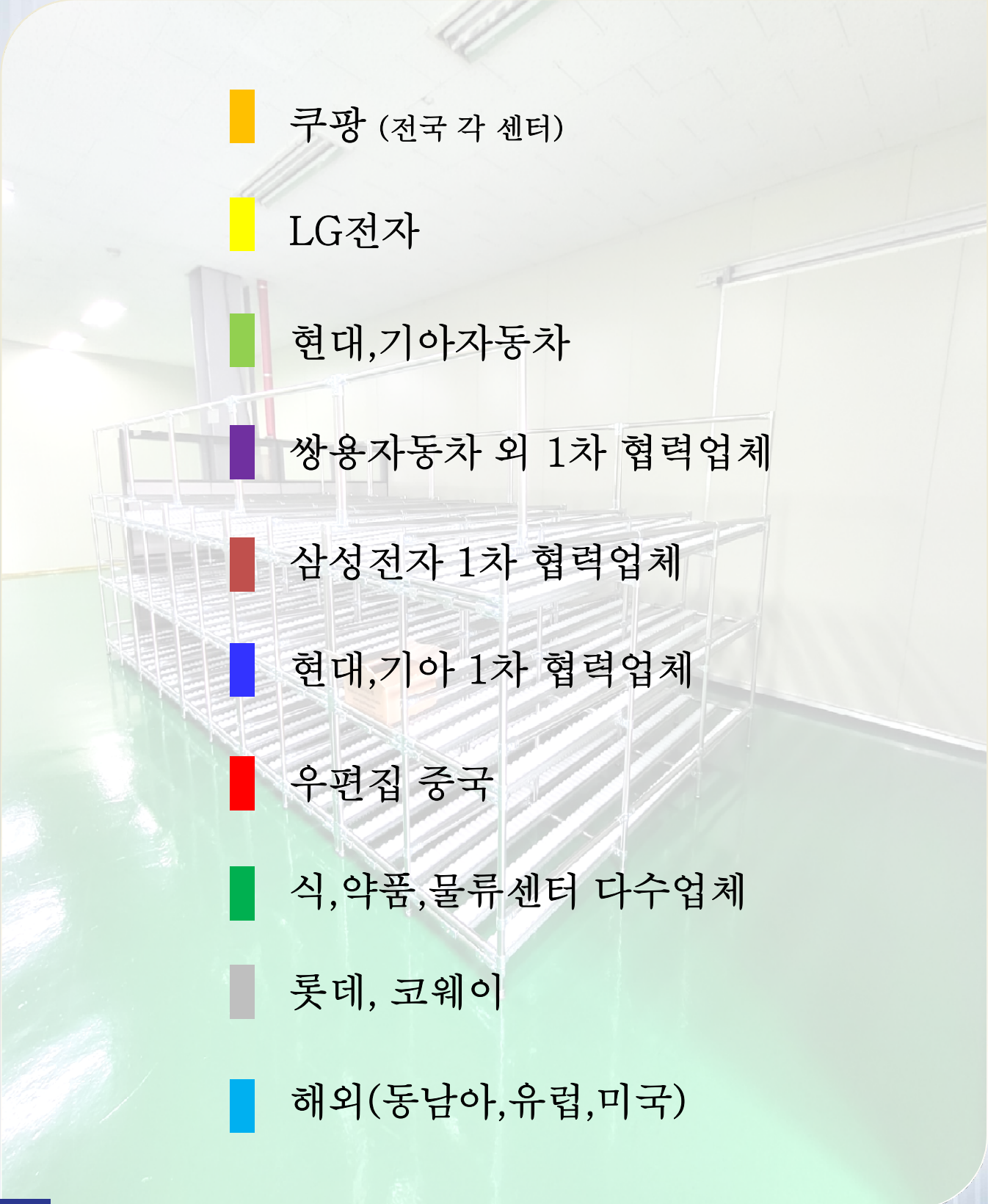
Use pipes, joints, bolts,  
and nuts during use after manufacturing

When assembled, it can be used in the form to be changed.

- 4) 복잡한 기계나, 설비 없이 간단한 공구와 아이디어로 바로 제작이 가능하다.

Without complicated machines or equipment,  
simple tools and ideas  
can be made right away, It is possible.

# 주요거래선

- 
- 쿠팡 (전국 각 센터)
  - LG전자
  - 현대,기아자동차
  - 쌍용자동차 외 1차 협력업체
  - 삼성전자 1차 협력업체
  - 현대,기아 1차 협력업체
  - 우편집 중국
  - 식,약품,물류센터 다수업체
  - 롯데, 코웨이
  - 해외(동남아,유럽,미국)





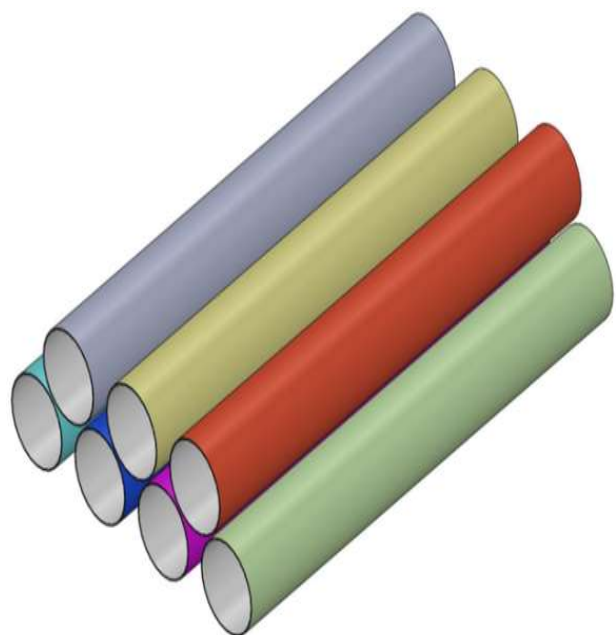
# CONTENTS

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| - - - 06 ~ 08                                |       |
| 2). METAL JOINTS                             | ----- |
| - - - 09 ~ 14                                |       |
| 3). PLASTIC JOINTS                           | ----- |
| - - - 13 ~ 16                                |       |
| 4). ROLLER TRACKS (PLACONS)                  | ----- |
| - - - 17 ~ 19                                |       |
| 5). ROLLER TRACKS CONNECTORS (PLACON MOUNTS) | ----- |
| - - - 20 ~ 25                                |       |
| 6). ACCESSORIES                              | ----- |
| - - - 26 ~ 37                                |       |
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# 01 PIPES

- ESD PIPE
- STANDARD PIPE
- STAINLESS PIPE





## ➤ PIPES (LOGIFORM PIPE COLORS)

| DESCRIPTION    | COLOR |      |  | THICKNESS |      |      |      |      |      |
|----------------|-------|------|--|-----------|------|------|------|------|------|
|                |       |      |  | 0.7T      | 0.9T | 1.0T | 1.1T | 1.4T | 2.0T |
| COATED PIPE    | IVORY | (IV) |  |           | ○    | ○    |      | ○    | ○    |
|                | WHITE | (WH) |  |           | ○    | ○    |      | ○    | ○    |
|                | GRAY  | (GR) |  |           | ○    | ○    |      | ○    | ○    |
|                | BLUE  | (BL) |  |           | ○    | ○    |      | ○    | ○    |
|                | BLACK | (BK) |  |           | ○    | ○    |      | ○    | ○    |
| SLIDE PIPE     | IVORY | (IV) |  |           | ○    | ○    |      | ○    | ○    |
|                | STELL | (SL) |  |           | ○    | ○    |      |      |      |
| STAINLESS PIPE | 439   |      |  | ○         | ○    | ○    | ○    |      | ○    |



# PIPES $\Phi 28$

## 파이프



COATED PIPE

| Colors     | GN     | BK        | GR      | BL | IV |
|------------|--------|-----------|---------|----|----|
|            |        |           |         |    |    |
| COLOR CODE | $\Phi$ | THICKNESS | WEIGHT  |    |    |
| IV         | 28     | 0,9T      | 660g/m  |    |    |
| BK         |        |           |         |    |    |
| GN         |        | 1,0T      | 680g/m  |    |    |
| GR         |        | 2,0T      | 1280g/m |    |    |
| BL         |        |           |         |    |    |



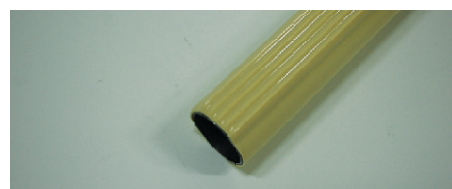
STAINLESS PIPE

|            |        |           |        |
|------------|--------|-----------|--------|
| Colors     | SILVER |           |        |
| COLOR CODE | Ø      | THICKNESS | WEIGHT |
| SILVER     | 28     | 0.7T      | 470g/m |
|            |        | 0.9T      |        |
|            |        | 1.1T      | 730g/m |



ESD PIPE

| Colors     | GR                                                                                  | BK        |        |
|------------|-------------------------------------------------------------------------------------|-----------|--------|
|            |  | v         |        |
| COLOR CODE | Φ                                                                                   | THICKNESS | WEIGHT |
| GR         | 28                                                                                  | 0,9T      | 660g/m |
| BL         |                                                                                     |           |        |



SLIDE PIPE

|            |    |           |        |
|------------|----|-----------|--------|
| Colors     | IV |           |        |
| COLOR CODE | Ø  | THICKNESS | WEIGHT |
| IV         | 28 | 0.9T      | 770g/m |

# 02

## METAL JOINTS

- METAL JOINTS
- METAL JOINTS SET
- METAL JOINT 적용사례





# METAL JOINTS

## 원형 메탈 조인트



**P-1** ◆150pcs/Box ◆64g/pcs



**P-2** ◆200pcs/Box ◆96g/pcs



**P-3** ◆100pcs/Box ◆122g/pcs



**P-4** ◆200pcs/Box ◆112g/pcs



**P-6** ◆200pcs/Box ◆50g/pcs



**P-6A** ◆100pcs/Box ◆122g/pcs



**P-7A** ◆300pcs/Box ◆44g/pcs



**P-7B** ◆300pcs/Box ◆54g/pcs



**P-8** ◆200pcs/Box ◆48g/pcs



**P-9** ◆150pcs/Box ◆60g/pcs



**P-10A** ◆150pcs/Box ◆60g/pcs



**P-10B** ◆150pcs/Box ◆60g/pcs



**P-12** ◆80pcs/Box ◆92g/pcs



**P-13A** ◆250pcs/Box ◆44g/pcs



**P-13B** ◆250pcs/Box ◆38g/pcs



**P-14** ◆200pcs/Box ◆67g/pcs



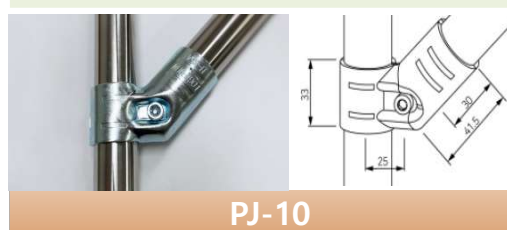
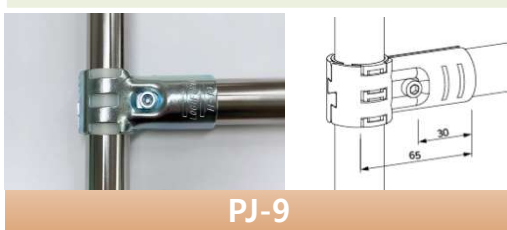
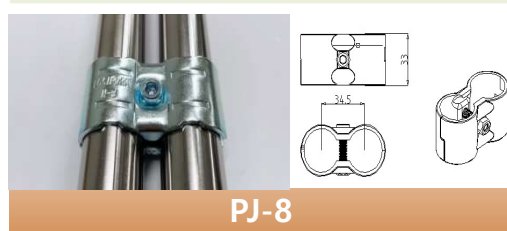
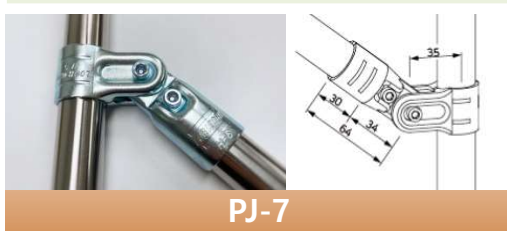
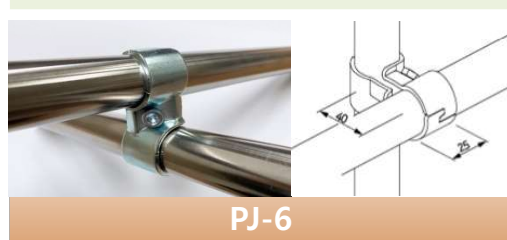
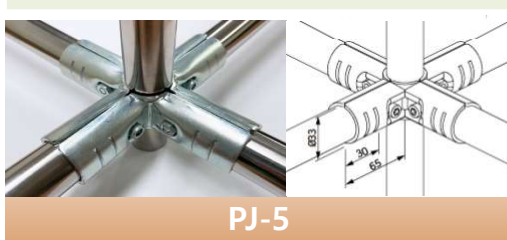
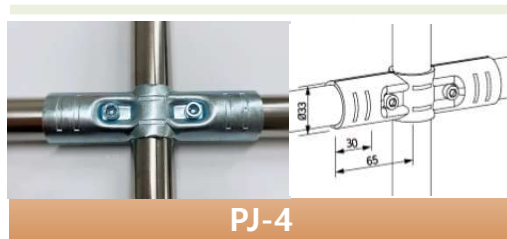
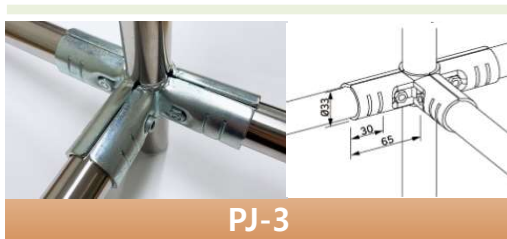
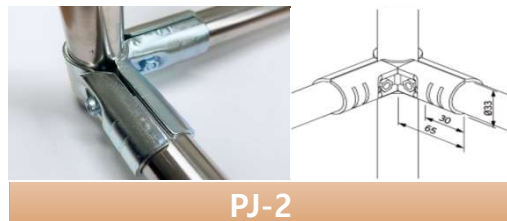
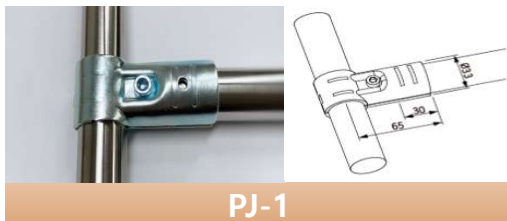
**P-15** ◆300pcs/Box ◆54g/pcs



**P-16** ◆240pcs/Box ◆69g/pcs

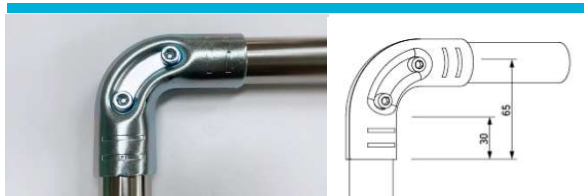
# METAL JOINTS SET

원형 메탈 조인트 세트

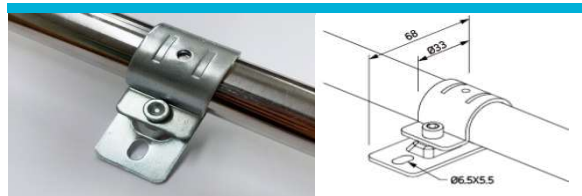


# METAL JOINTS SET

원형 메탈 조인트 세트



PJ-12



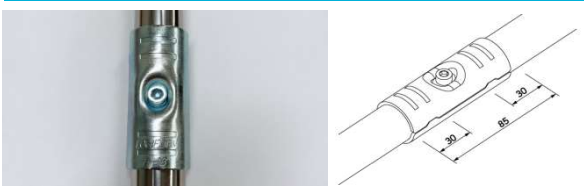
PJ-13



PJ-14



PJ-15



PJ-16

## 적용사례





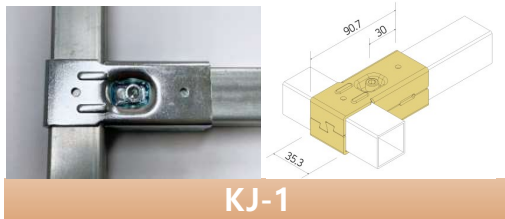
# METAL JOINTS

## 각파이프 메탈 조인트 (단품)

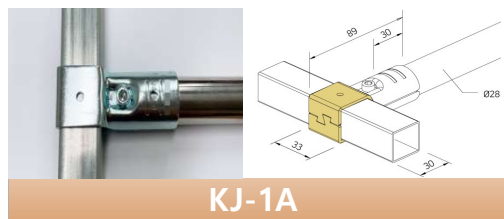


# METAL JOINTS SET

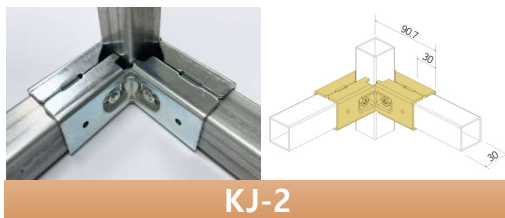
## 각파이프 메탈 조인트 세트



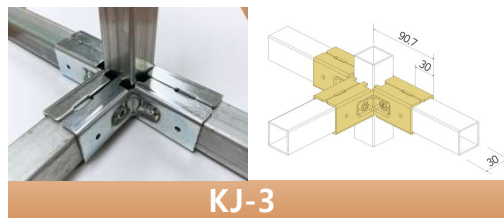
KJ-1



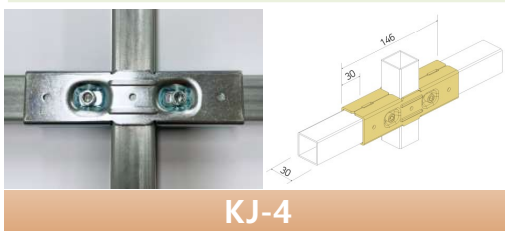
KJ-1A



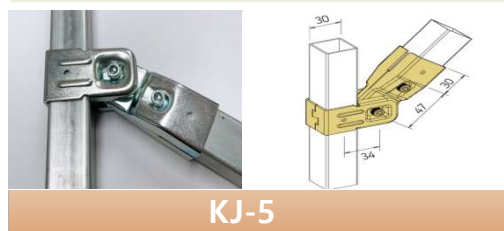
KJ-2



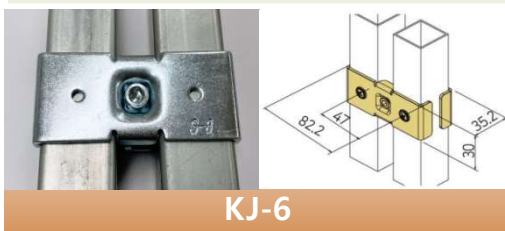
KJ-3



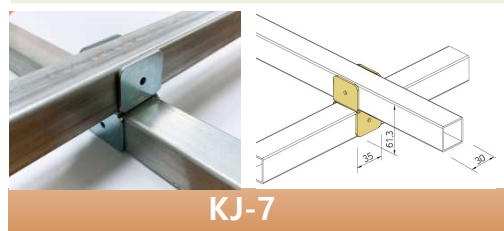
KJ-4



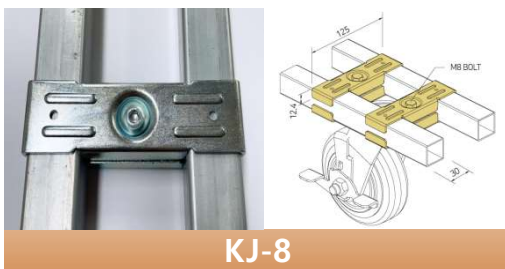
KJ-5



KJ-6



KJ-7



KJ-8



# 03

## PLASTIC JOINTS

- PLASTIC JOINTS
- PLASTIC JOINTS 적용사례





# PLASTIC JOINTS

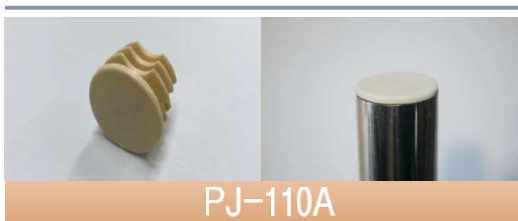
플라스틱 조인트



PJ-104C



PJ-104D



PJ-110A



PJ-111(공구꽃이)



PJ-112(수평홀더)



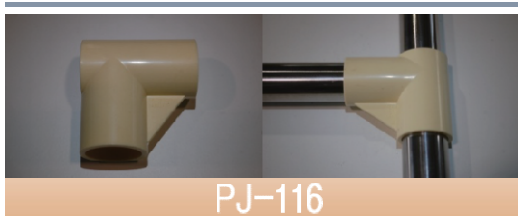
PJ-113(명판홀더)



PJ-114(조인트홀더)



PJ-115



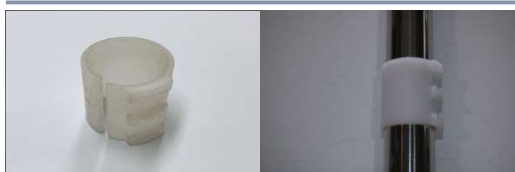
PJ-116



PJ-117

# PLASTIC JOINTS

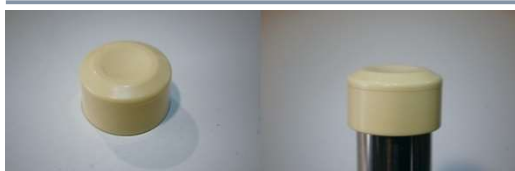
플라스틱 조인트



PJ-9H



PJ-38S



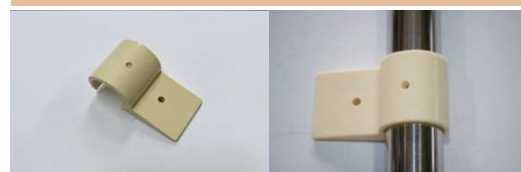
PJ-149



PJ-159



PJ-201



PJ-202



PJ-210



PJP-5



밴드걸이금구 (신규)

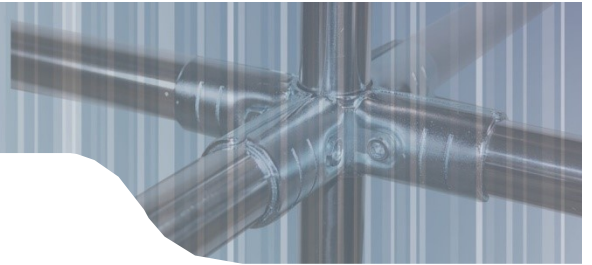


메쉬망고정걸이 (신규)



적용 사례





# PLASTIC JOINTS

플라스틱 조인트 (적용사례)

적용사례(PJ-202, PJ110A, PJ-113명판홀더, 플라스틱 적용사례 사진)

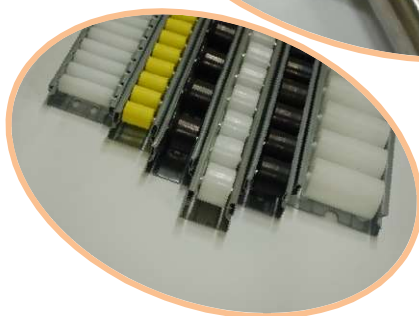




# 04

## ROLLER TRACK [PLACONS]

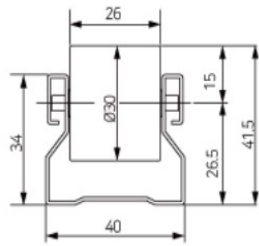
- 40 SERIES (PLACON)
- 60 SERIES (PLACON)
- 80 SERIES (PLACON)



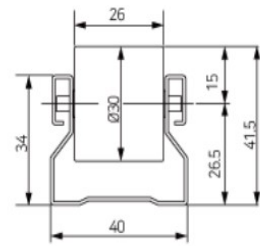
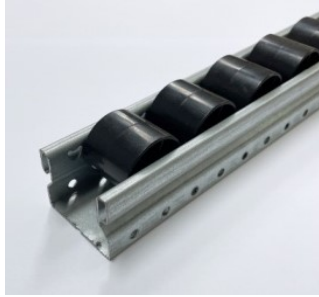


# PLACONS 플라콘(롤러)

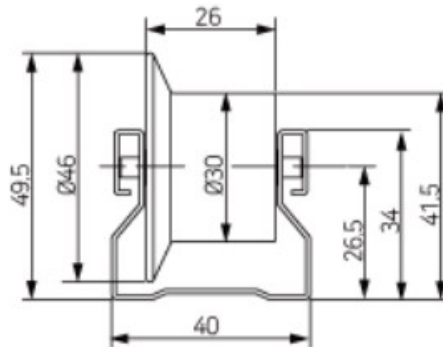
PLC-4001S [평형,40 SERIES] WHITE(일반)



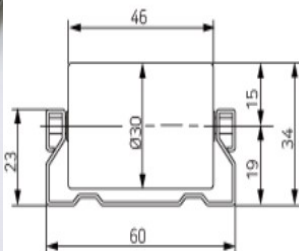
PLC-4002S [40 SERIES] ESD(제전용)



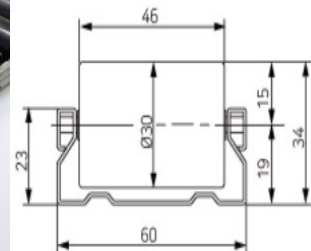
PLC-4003S [평형,40 SERIES] WHITE(일반)



PLC-6001S [평형,60 SERIES] WHITE(일반)



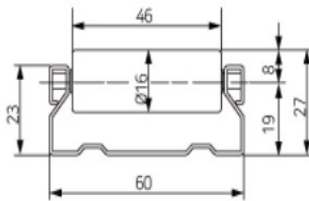
PLC-6002S [60 SERIES] ESD(제전용)



# PLACONS 플라콘(롤러)

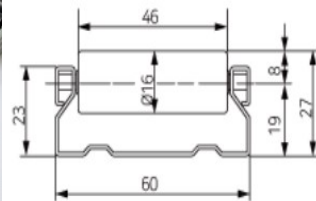
PLC-6003S [평형,60 SERIES]

WHITE(일반)



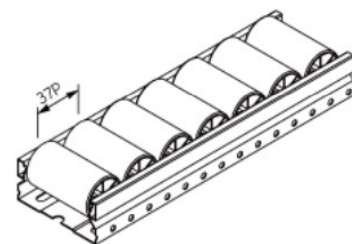
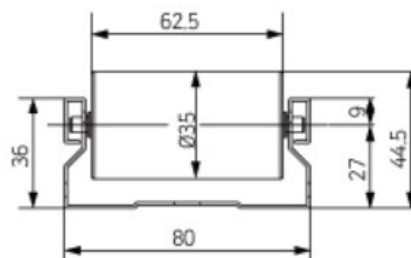
PLC-6004S [60 SERIES]

ESD(제전용)



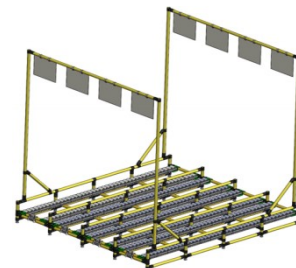
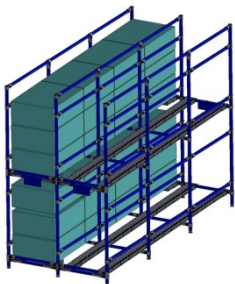
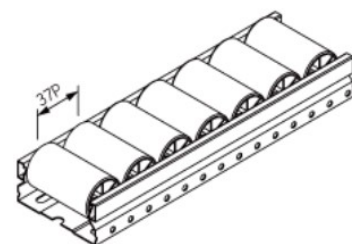
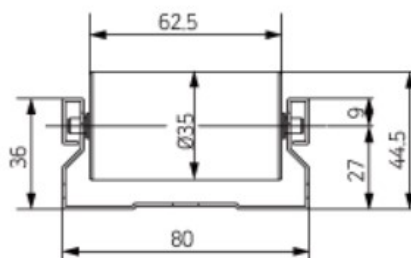
PLC-8001S [평형,80 SERIES]

WHITE(일반)



PLC-8002S [평형,80 SERIES]

ESD(제전용)





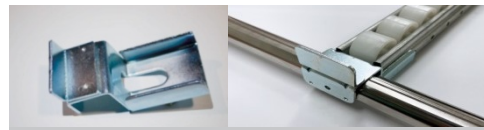
# PLACONS MOUNTS

플라콘 지지금구

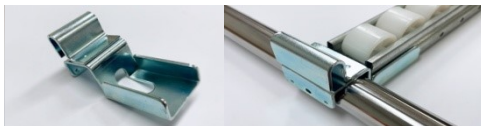
## PLACON 40 Type



PLACON MOUNT-A  
지지금구-A  
PLC-40A



PLACON MOUNT-B  
지지금구-B  
PLC-40B



PLACON MOUNT-B1  
지지금구-B1  
PLC-40B1



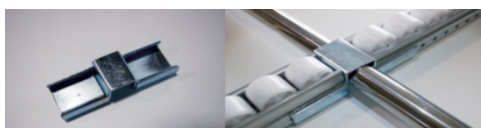
PLACON MOUNT-C  
지지금구-C  
PLC-40C



PLACON MOUNT-C1  
지지금구-C1  
PLC-40C1



PLACON MOUNT-C2  
지지금구-C2  
PLC-40C2



PLACON MOUNT-D  
지지금구-D  
PLC-40D



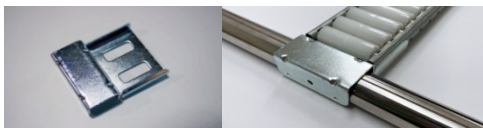
PLACON MOUNT-B2  
지지금구-B2  
PLC-40B2



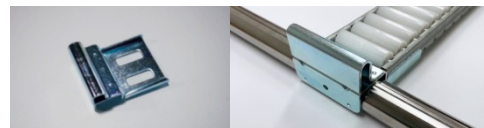
# PLACONS MOUNTS

## 플라콘 지지금구

### PLACON 60 Type

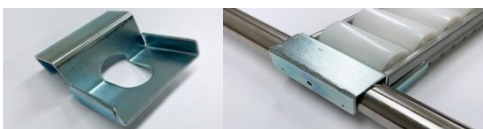


PLACON MOUNT-A  
지지금구-A  
PLC-60A

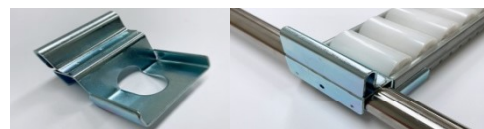


PLACON MOUNT-B  
지지금구-B  
PLC-60B

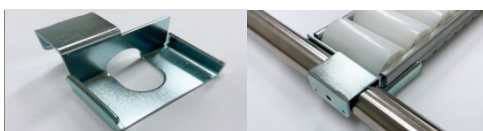
### PLACON 80 Type



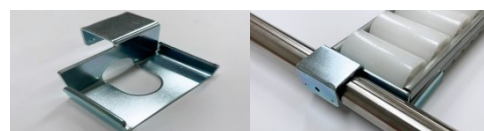
PLACON MOUNT-A  
지지금구-A  
PLC-80A



PLACON MOUNT-B  
지지금구-B  
PLC-80B



PLACON MOUNT-NA(L)  
지지금구-NA(L)  
PLC-80L



PLACON MOUNT-NA(R)  
지지금구-NA(R)  
PLC-80R



PLACON MOUNT-C  
지지금구-C  
PLC-80C



PLACON MOUNT-D  
지지금구-D  
PLC-80D

# PLACONS MOUNTS

## 플라콘 지지금구



PLACON MOUNT-F  
지지금구-F  
PLC-40F  
프로파일, 각파이프 30\*30각 사용



PLACON MOUNT-NB  
지지금구-NB  
PLC-80NB

### 적용사례





# PLACONS MOUNTS

## 플라콘 지지금구

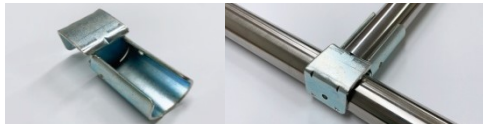
### 적용사례



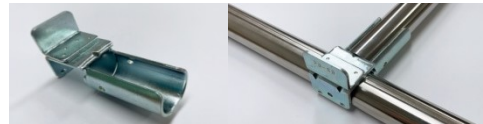


# SLIDE MOUNTS

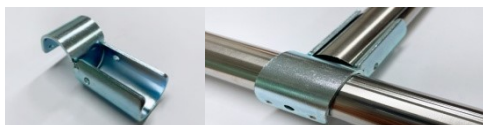
슬라이드 금구



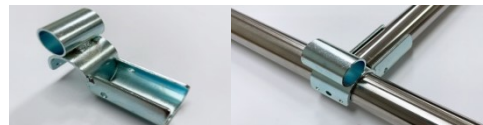
SLIDE MOUNT-A  
지지금구-A  
PS-A



SLIDE MOUNT-B  
지지금구-B  
PS-B



SLIDE MOUNT-A1  
지지금구-A1  
PS-A1



SLIDE MOUNT-B  
지지금구-B1  
PS-B1

## 적용사례





# SLIDE MOUNTS

슬라이드 금구

## 적용사례

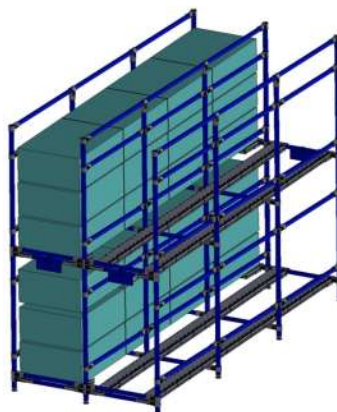




# 05

## ACCESSORIES

- ADJUSTERS
- INSERT NUTS
- ACCESSORIES
- NAME PLATES
- PLASTIC ANGLES & COVERS
- BOARDS & SHEETS





# ADJUSTER & BUSHING NUT

## 아제스타(ADJUSTER)

P-A1



50mm

Φ30

1/2x12 UNC

P-A2(고무-소)



50mm

Φ38  
고무타입

1/2x12 UNC

P-A3(고무-대)



50mm

Φ50  
고무타입

1/2x12 UNC

P-A4



100mm

Φ28  
플라스틱

1/2x12 UNC

P-A5



50mm

Φ50

1/2x12 UNC

# ADJUSTER & BUSHING NUT

## 부싱



Coated Pipe 전용

P-B1 0.9T  
P-B1A 1.0T  
P-B1B 1.1T  
P-B1C 2.0T

1/2x12 UNC

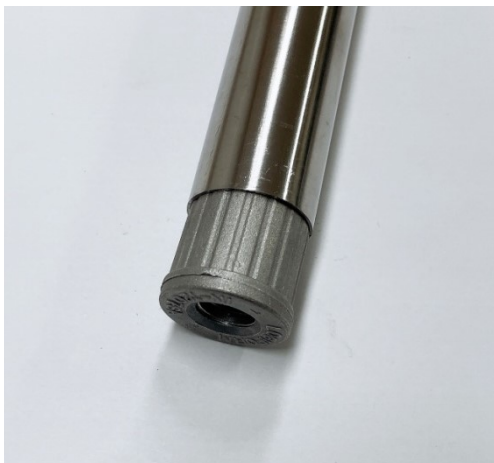


SUS Pipe 전용

P-B2 0.7T  
P-B2 0.9T  
P-B2 1.1T

1/2x12 UNC

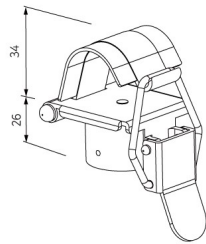
## 적용사례



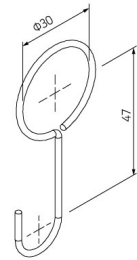
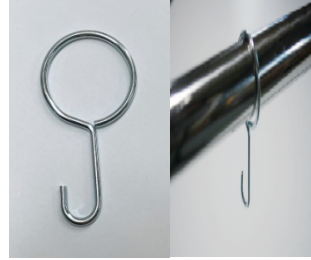
# ACCESSORIES

## 부자재

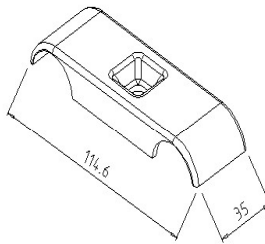
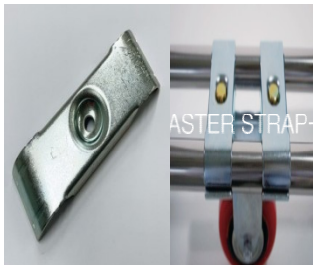
### LOCK MOUNT 락금구



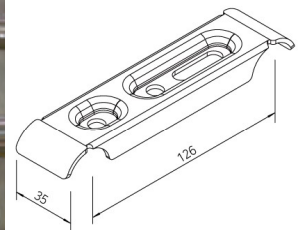
### 링고리 (파이프걸이)



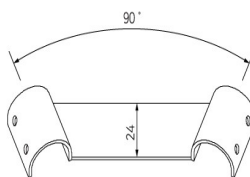
### CASTER STRAP-A 캐스터금구-A



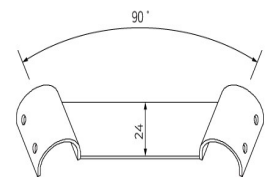
### CASTER STRAP-B 캐스터금구-B



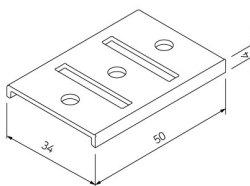
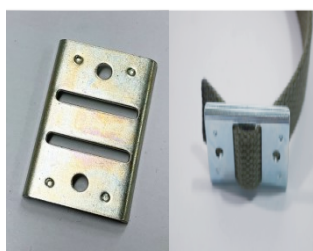
### BRACKET BOARD-신형 코너금구-신형



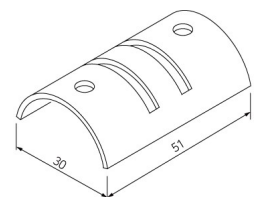
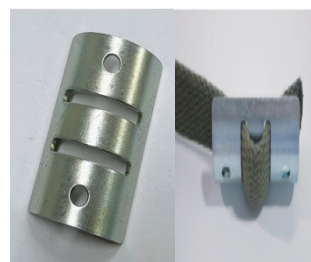
### BRACKET BOARD-구형 코너금구-구형



### HANDLE FIXING-A 손잡이금구(평)



### HANDLE FIXING-B 손잡이금구(둥근)

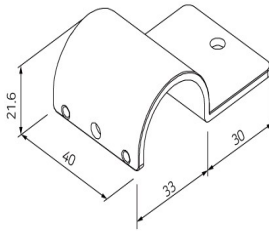




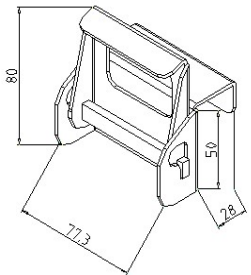
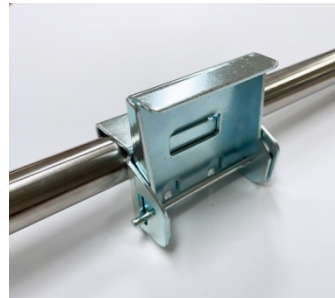
# ACCESSORIES

부자재

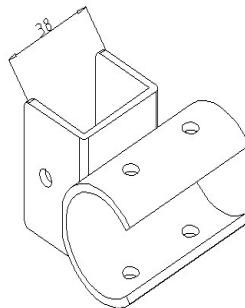
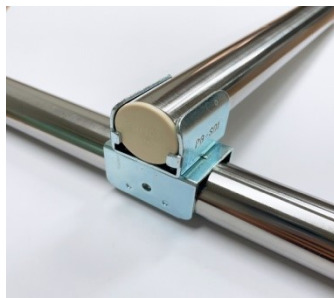
Saddle Metal Fittings 안장금구



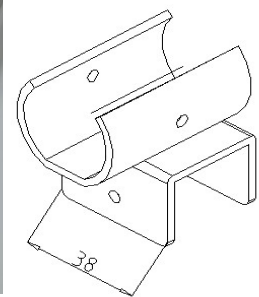
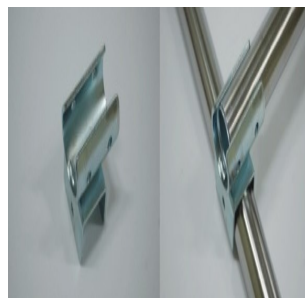
STOPPER-A 스톱퍼금구-A



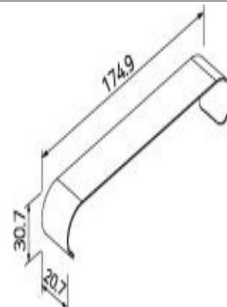
GUIDE MOUNT(A) 가이드금구(A)



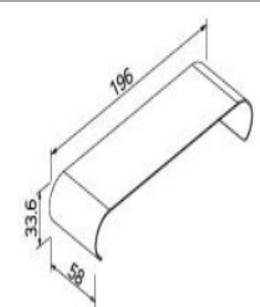
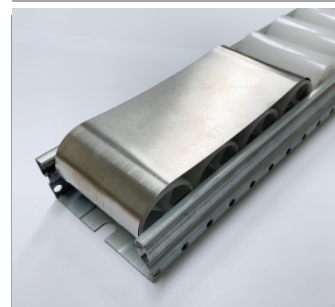
GUIDE MOUNT(B) 가이드금구(B)



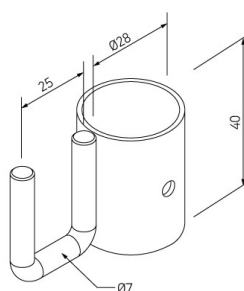
STOPPER-40S 미들 스톱퍼-40S



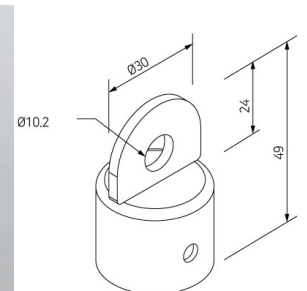
STOPPER-80S 미들 스톱퍼-80S



HOOK 후크



HOOK CAP 후크(캡)



# ACCESSORIES

## 부자재

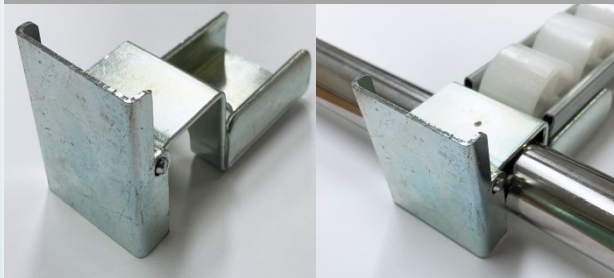
PIPE CONNECTOR-A 파이프 연결금구-A



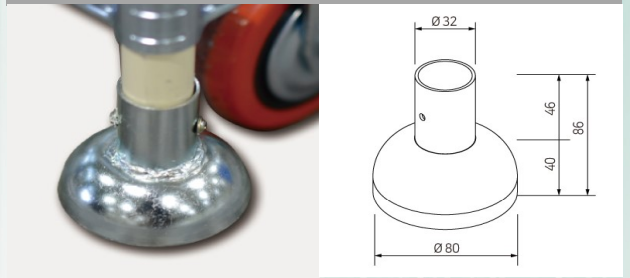
PIPE CONNECTOR-A 파이프 연결금구-B



STOPPER-B 스톱퍼(B)



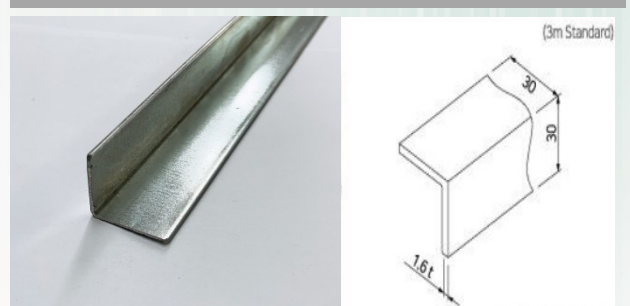
OVERLAP CAP 원형종발이



SLIDE RAIL 슬라이드레일



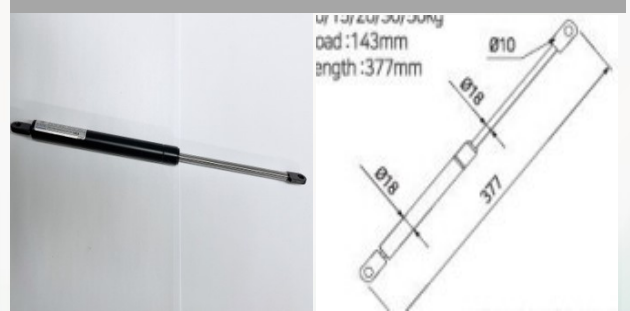
ZN PLATING ANGLE 아연앵글



FLOOR LOCK 플로어락



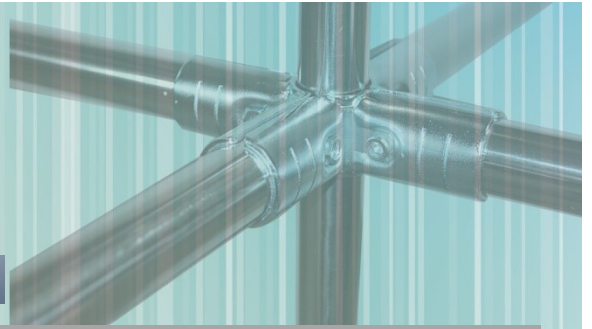
GAS SPRING 압쇼바





# ACCESSORIES

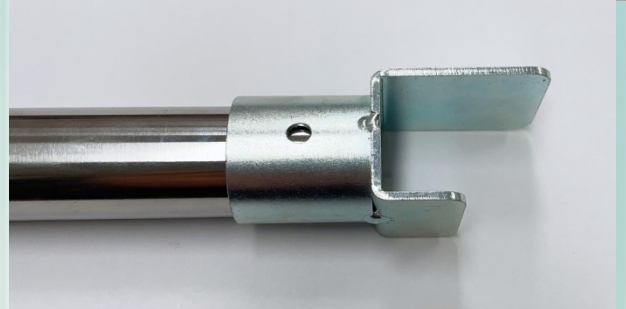
부자재



DOOR FIXTURE-A 문고정금구-A



DOOR FIXTURE-B 문고정금구-B



HINGE 경첩



BALL BEARING 볼베어링



밴드걸이금구(둥근Type)



밴드걸이금구(평Type)



HIGH ELASTIC BAND 고탄력밴드



LED LAMP LED등





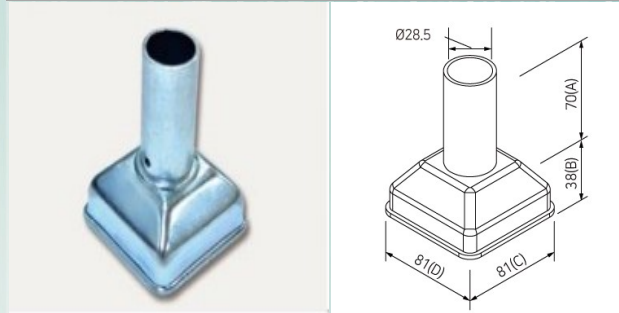
# ACCESSORIES

## 부자재

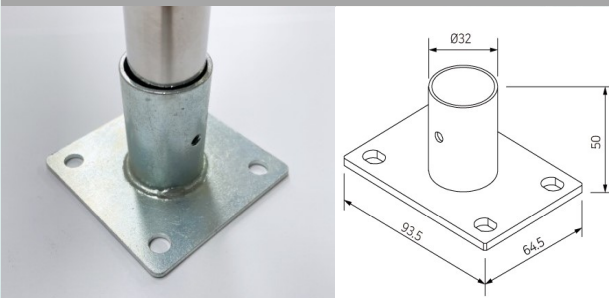
SHOCK ABSORBER SUPPORT MOUNT (쇼바지지금구)



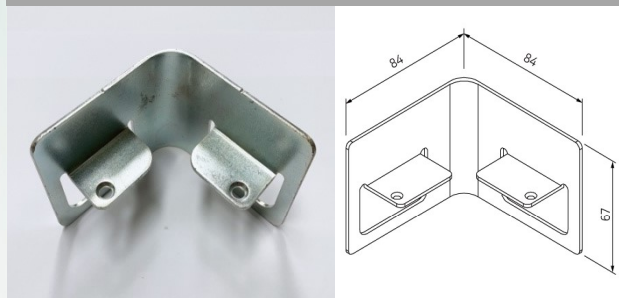
SQUARE CAP 사각종발이



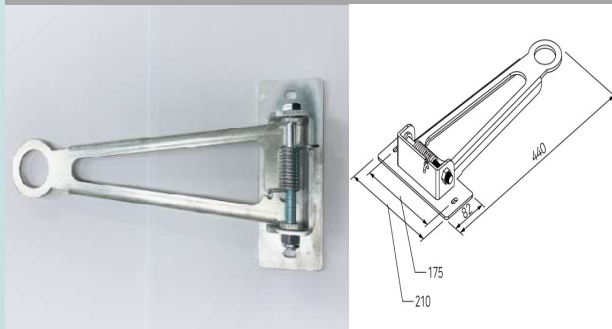
STANCHION MOUNT 바닥고정금구



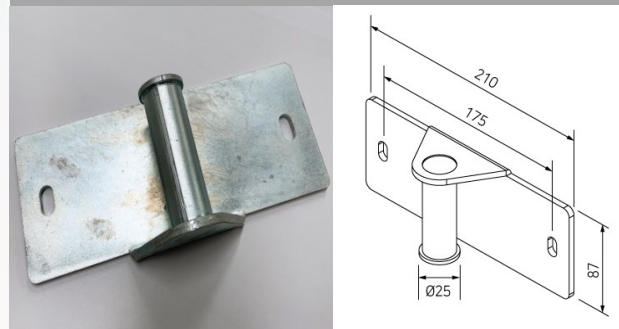
CORNER GUARD 코너금구



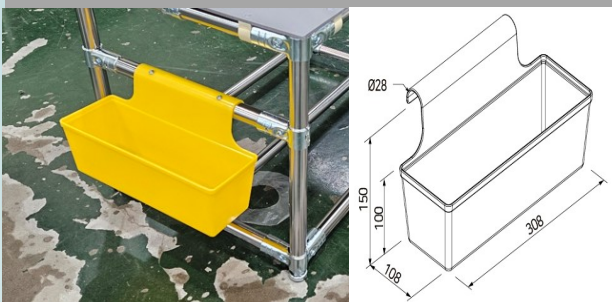
TRACTION ARM 견인고리



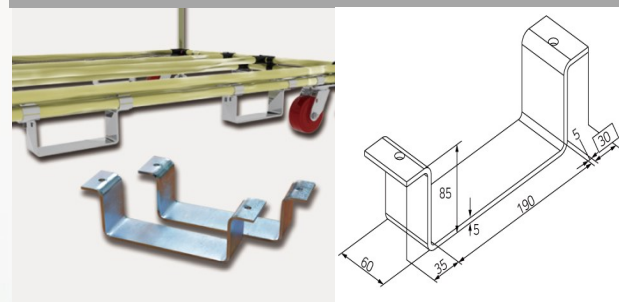
TRACTION HOOK 견인고리 후크



MULTIPURPOSE BASKET 다용도바구니



FORK GUIDE 지게차포크가이드



# ACCESSORIES

## 부자재(볼트,너트,스크류)



BOLT 볼트  
M8×35,40,45  
M10×20



WRENCH BOLT 렌치볼트  
M6×25,27



ROUND HEAD SCREW  
둥근머리 직결 스크류  
PW8×20,25,32



FLAT HEAD SCREW  
접시머리 직결 스크류  
FH8×20,25,32



ROUND HEAD SCREW  
둥근머리 직결 스크류  
PW8×20,25,32(SUS)



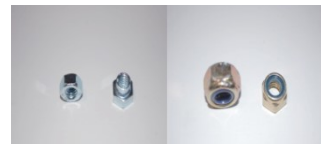
FLAT HEAD SCREW  
접시머리 직결 스크류  
FH8×20,25,32(SUS)



ROUND HEAD SCREW  
둥근머리 직결 스크류  
PW4×10,12(BOX)



ROUND HEAD SCREW  
둥근머리 직결 스크류  
PW10×20



T-NUT,NYLON NUT  
T-너트,나일론 너트  
M6,M8

## 공구류



ELECTRIC IMPACT



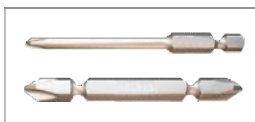
L-WRENCH BIT



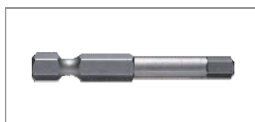
ADJUSTER WRENCH BIT



BURR SCRAPER



DRIVERBIT



WRENCH BIT



RUBBER HAMMER

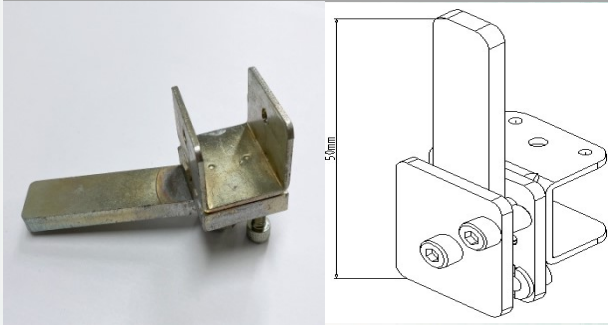


MEASURING TAPE

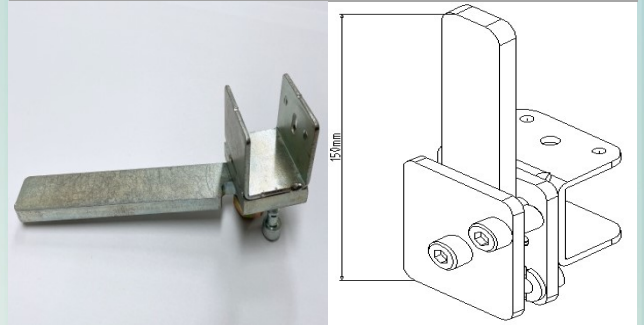
# ACCESSORIES

## 부자재

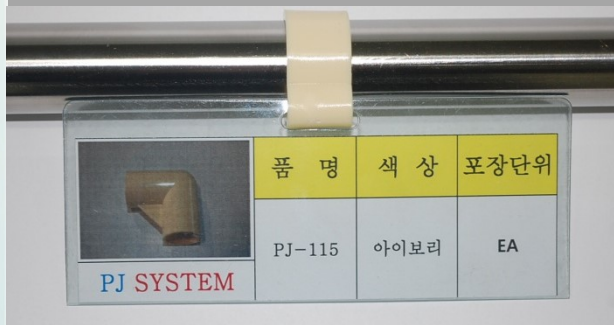
### STOPPER-B 스톱퍼금구-B



### STOPPER-C 스톱퍼금구-C



### NAME PLATE (명판)



### 품명

### SIZE (규격)

NP-60

150 × 60

NP-120

300 × 120

NP-210

300 × 210

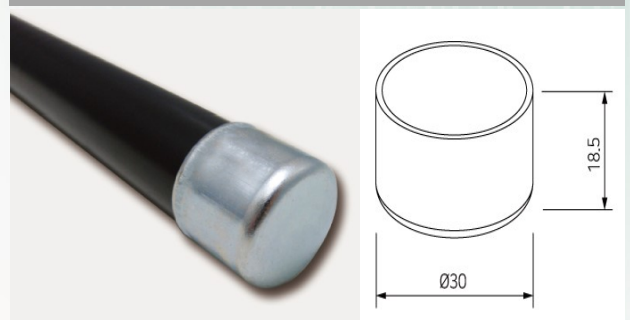
NP-310

430 × 310

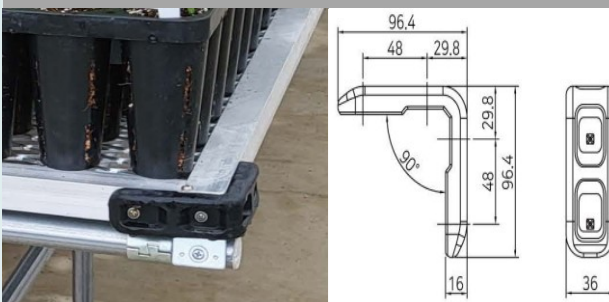
### RUBBER CAP 고무 캡



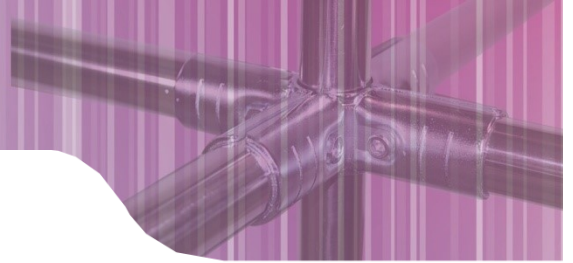
### IRON CAP 철제 캡



### CART CORNER CAP 대차코너캡

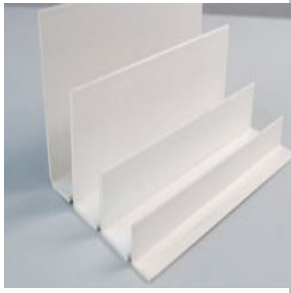




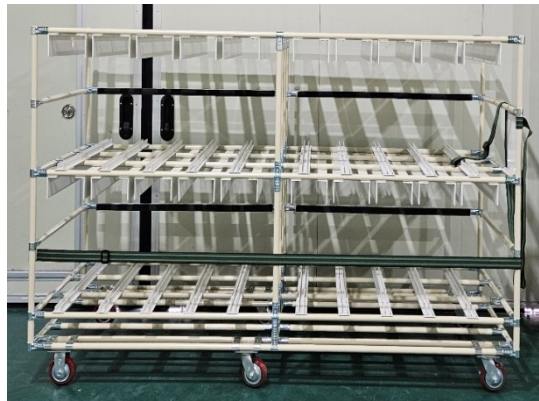


# PLASTIC ANGLES

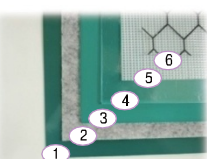
(수지앵글)

| 플라스틱앵글                                                                              | TYPE | SIZE        | LENGTH       |
|-------------------------------------------------------------------------------------|------|-------------|--------------|
|    | L"형  | 80*90*3T    | 3M(Stabdard) |
|                                                                                     |      | 50*90*3T    |              |
|                                                                                     |      | 30*50*3T    |              |
|                                                                                     |      | 50*150*5T   |              |
|                                                                                     |      | 50*100*5T   |              |
|                                                                                     |      | 50*75*5T    |              |
|                                                                                     |      | 50*50*5T    |              |
|                                                                                     |      | 40*50*5T    |              |
|   | T"형  | 50*100*3.5T | 3M(Stabdard) |
|  | C"형  | 파이프 커버용     | 3M(Stabdard) |
|                                                                                     | ㄷ"형  | 36*36*3T    | 3M(Stabdard) |
| 플라콘 전용앵글                                                                            | 가이드형 | A"          | 3M(Stabdard) |
|                                                                                     |      | B"          |              |
|                                                                                     |      | C"          |              |

적용사례(L"수지,가이드형 B"사용예)

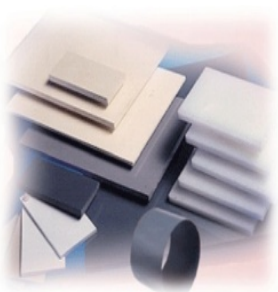
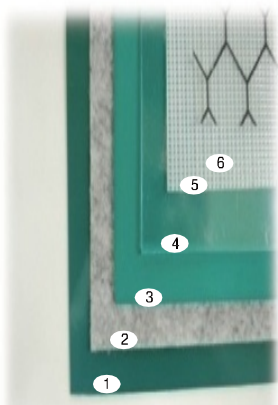


# BOARDS&SHEETS

| 판 재                                                                                 | 품 명    | 특 성                                                                                                                                                                           |
|-------------------------------------------------------------------------------------|--------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|    | MDF    | 원목을 일정한 크기의 조각(CHIP)으로 깎아 이를 해섬 (화학약품 처리 후 끓임)하여 섬유질만을 뽑아 접착제와 섞어 원력을 가하여 만든 제품으로 가구재로 많이 쓰이며 합판에 비해 가공성이 매우 뛰어나다는 장점이 있는 반면 물에 약하다는 단점이 있다. 4*8/3*6SIZE대표적이다                 |
|    | 합판     | 합판은 천연목재의 특성과 장점을 그대로 보유하면 서도 강도가 높고 변형되지 않으며 활용성이 뛰어나 건축계,인테리어업계는 물론, 가구를 비롯한 각종 목제품의 원부자재로 널리 사용되고 있다. 4*8/3*6SIZE대표적이다                                                     |
|   | PVC    | 산, 알칼리, 유지, 염류 등에 내약품성이 우수 인장, 굴곡 등 기계적 강도가 우수 절단, 천공, 가열절곡, 용접 등 가공성이 우수 전기절연성이 양호,난연성이 우수(자기 소화성) 난연성이 우수 합니다. (자기소화성) 단점은 열에 약함                                            |
|  | PE     | 내충격성, 내마모성이 우수 내한성, 내약품성이 우수 무독성이므로 식품, 음료, 제약공업기계에 적합. 순간충격에 약하다.                                                                                                            |
|  | PB15T  | 목재 입자를 톱밥같은 형태로 분쇄를 하여 압축하여 BOARD의 형태로 만든 제품인데 현재 주방싱크 사무가구의 소재로 많이 쓰이고있다                                                                                                     |
|  | 포맥스    | PVC를 원료로 하여 발포 압출한 제품이며 플라스틱이나 목재의 장점을 그대로 갖추고 있으며, 절단/절곡/진공성형/합지 등 가공이 용이하고 녹슬거나 부식이 되지 않아 옥내/옥외할 것이 없이 안심하고 설치 제작할 수 있는 최상의 인테리어 소재                                         |
|  | SHEETS | <ul style="list-style-type: none"> <li>- 1번 : 일반매트</li> <li>- 2번 : 부직포</li> <li>- 3번 : ESD 매트</li> <li>- 4번 : 투명비닐</li> <li>- 5번 : 반투명 레자비닐</li> <li>- 6번 : ESD 비닐</li> </ul> |

# BOARDS&SHEETS

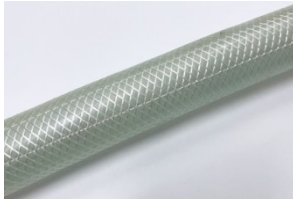
## 보드&시트 규격

| 판 재                                                                                 | 품 명     | 두께 (T) | 규 격                    |
|-------------------------------------------------------------------------------------|---------|--------|------------------------|
|    | ➤ MDF   | 9T     | 900×1800               |
|                                                                                     |         | 12T    | 1200×2400              |
|    | ➤ 합판    | 12T    | 1200×2400              |
|   | ➤ PVC   | 3T     | 1000×2000<br>1200×2400 |
|                                                                                     |         | 5T     |                        |
|                                                                                     |         | 8T     |                        |
|                                                                                     |         | 10T    |                        |
|  | ➤ PP    | 5T     | 1000×2000<br>1200×2400 |
|                                                                                     |         | 8T     |                        |
|                                                                                     |         | 10T    |                        |
|  | ➤ POMAX | 3T     | 1200×2400<br>900×3000  |
|                                                                                     |         | 5T     |                        |
|                                                                                     |         | 8T     |                        |
|                                                                                     |         | 10T    |                        |
|  | ➤ SHEET | 매트 2T  | 1). 일반매트               |
|                                                                                     |         |        | 2). 부직포                |
|                                                                                     |         |        | 3). ESD 매트             |
|                                                                                     |         |        | 4). 투명비닐               |
|                                                                                     |         |        | 5). 반투명 레지비닐           |
|                                                                                     |         |        | 6). ESD비닐              |



## CLOTH&COVER

### 천&커버 규격

| 판 재                                                                                 | 품 명       | 두께 (T)   | 규 격                                |
|-------------------------------------------------------------------------------------|-----------|----------|------------------------------------|
|    | ➤ 부직포     | 1T       | 맞춤제작                               |
|    | ➤ 기모지     | 1T       | 맞춤제작                               |
|   | ➤ 보드      | 1T ~ 20T | 맞춤제작                               |
|  | ➤ EV폼     | 1T ~ 20T | 맞춤제작                               |
|  | ➤ EV폼(변형) | 맞춤제작     | 맞춤제작                               |
|  | ➤ 발포호스    | 5T , 10T | <내경><br>35파이                       |
|  | ➤ 아트론     |          | <외경><br>45파이                       |
|  | ➤ 편사호스    | 9T       | <내경><br>32,38파이<br><외경><br>41/47파이 |



# 06

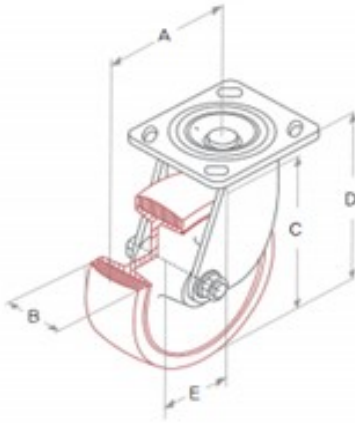
## CASTERS

- Caster Nomenclature
- Plate Nomenclature
- Load Capacity
- Direction
- Caster Type



# CASTERS

## 캐스터 용어 Caster Nomenclature



A: 회전반경 (Swivel rotation)

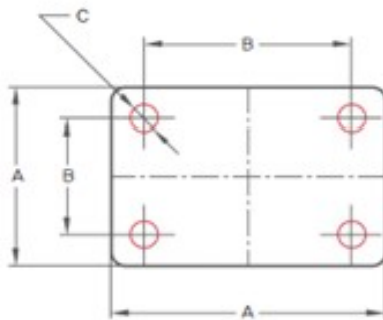
B: 바퀴 폭 (Tread Width)

C: 바퀴직경 (Diameter)

D: 총 높이 (Overall Height)

E: Offset

## 플레이트 용어 Plate Nomenclature



A: 플레이트의 전체 크기 (Overall)

B: 볼트의 간격 (Bolt Hole Spacing)

C: 취부 볼트 규격 (Attaching Bolt Size)

## 허용하중 계산법 Load Capacity

$$\text{허용하중} = \frac{\text{운송장비 중량} + \text{추가된 적재하중}}{\text{부착된 캐스터 수량} - 1}$$

$$\text{Load capacity} = \frac{\text{Weight Equipment} + \text{Weight Added}}{\text{Attached Caster} - 1}$$

## 주의사항 Direction



캐스터축에 대한 수직부착  
(Vertical attach)



초과하중 금지  
(Prohibition overload)



굴곡진 바닥 사용제한  
(Restrict uneven ground)



특수온도 금지  
(No special temperature)



브레이크 작동 후 이동금지  
(No move after break)



화학용품 노출 금지  
(Prohibition of chemical exposure)



발 상해 위험  
(Danger foot)



이동방향에 대한 직선부착  
(No attach straight to the Moving direction)



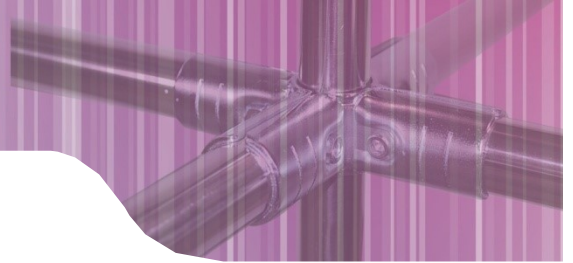
충격과 낙하금지  
(No shock)



측면하중 작용금지  
(No side weight)



# CASTERS



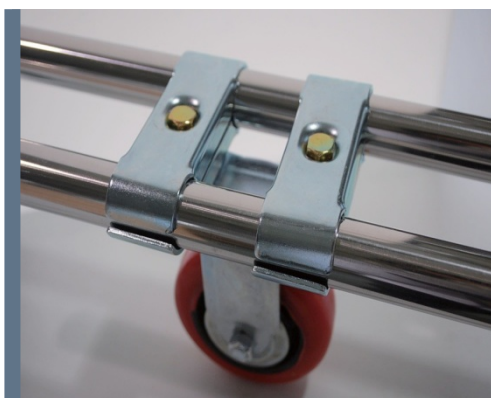
| 캐스터                                                                                 | 품 명           | 높 이 | 허용하중 | 규 격     | 회전반경 | 재 질 |
|-------------------------------------------------------------------------------------|---------------|-----|------|---------|------|-----|
|    | 2"볼트회전B/K     | 73  | 35   | 12*1/2  | 44   | 우레탄 |
|                                                                                     | 2"볼트회전        | 73  | 35   | 12*1/2  | 44   | 우레탄 |
|    | 3"볼트회전B/K     | 105 | 55   | 10*1/2  | 52   | 우레탄 |
|                                                                                     | 3"볼트회전        | 105 | 55   | 10*1/2  | 52   | 우레탄 |
|   | 4"볼트회전B/K     | 130 | 80   | 10*1/2  | 83   | 우레탄 |
|                                                                                     | 4"볼트회전        | 130 | 80   | 10*1/2  | 83   | 우레탄 |
|  | 3"평판 고정       | 105 | 55   | 65*95   | 72   | 우레탄 |
|                                                                                     | 3"평판 회전       | 105 | 55   | 65*95   | 72   | 우레탄 |
|                                                                                     | 3"평판 회전B/K    | 105 | 55   | 65*95   | 72   | 우레탄 |
|  | 4"평판 고정       | 130 | 200  | 95*65   | 80   | 우레탄 |
|                                                                                     | 4"평판 회전       | 130 | 200  | 95*65   | 80   | 우레탄 |
|                                                                                     | 4"평판 회전B/K    | 130 | 200  | 95*65   | 80   | 우레탄 |
|                                                                                     | 4"평판 광폭 고정    | 130 | 300  | 115*100 | 85   | 우레탄 |
|                                                                                     | 4"평판 광폭 회전    | 130 | 300  | 115*100 | 85   | 우레탄 |
|                                                                                     | 4"평판 광폭 회전B/K | 130 | 300  | 115*100 | 85   | 우레탄 |



# CASTERS

| 캐스터                                                                                 | 품 명           | 높 이 | 허용하중 | 규 격     | 회전반경 | 재 질 |
|-------------------------------------------------------------------------------------|---------------|-----|------|---------|------|-----|
|    | 5"평판 고정       | 160 | 250  | 120*100 | 102  | 우레탄 |
|                                                                                     | 5"평판 회전       | 160 | 250  | 120*100 | 102  | 우레탄 |
|                                                                                     | 5"평판 회전B/K    | 160 | 250  | 120*100 | 102  | 우레탄 |
|    | 6"평판 고정       | 190 | 300  | 120*100 | 115  | 우레탄 |
|                                                                                     | 6"평판 회전       | 190 | 300  | 120*100 | 115  | 우레탄 |
|                                                                                     | 6"평판 회전B/K    | 190 | 300  | 120*100 | 115  | 우레탄 |
|  | 6"평판 완충 고정    | 200 | 300  | 160*115 | 130  | 우레탄 |
|                                                                                     | 6"평판 완충 회전    | 200 | 300  | 160*115 | 130  | 우레탄 |
|                                                                                     | 6"평판 완충 회전B/K | 200 | 300  | 160*115 | 130  | 우레탄 |

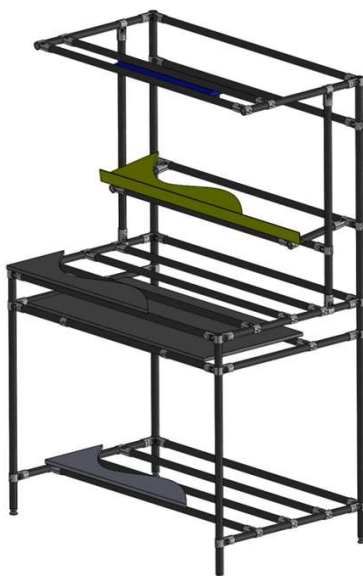
적용사례(평판용 캐스터, 볼트타입 캐스터 사용 예)



# 07

## APPLICATIONS

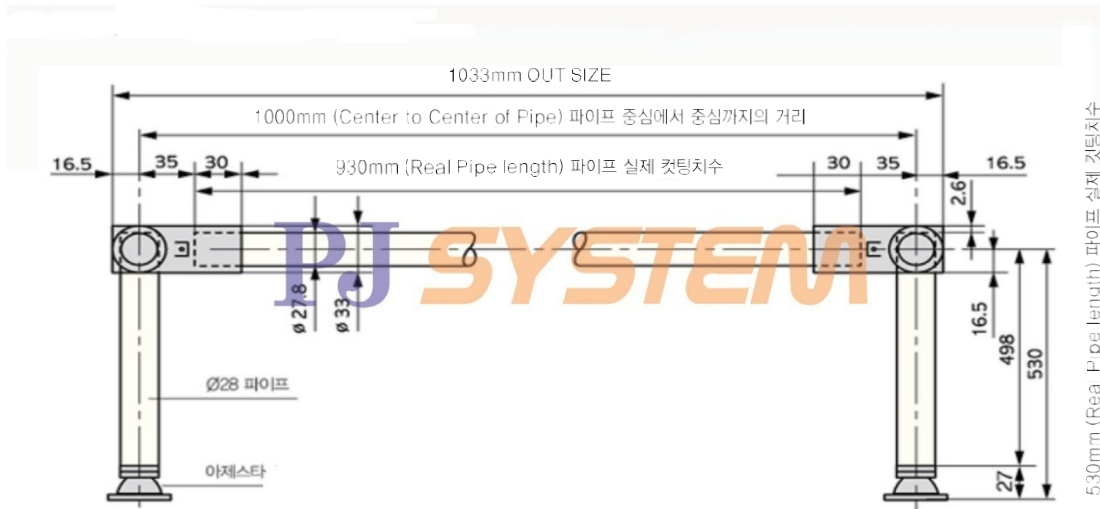
- Pipe length calculation
- Work drawing
- Applications





# 파이프 길이 계산

## CALCULATING FOR PIPE LENGTH



### 제작의 순서와 체크

### The sequence & major check point on manufacturing

- PIPE, JOINT 부재료, 대차, 적치대, 슬라이딩랙 등을 제작하는 경우, 그 목적 및 구상대로 제작하려면 다음의 순서와 체크가 필요합니다. 제작물의 검토(사용목적, 적재물 현상분석, 사용환경 등등)

설 계 → 시작, 확인 → 제작(양산)

- In order to manufacture the moving trolley, racking system & sliding racking system by pipe & joint as per customer's concept, it is necessary to keep sequence & check points as follows. check (the usage purpose, analysis of load conditions, usage circumstance etc)

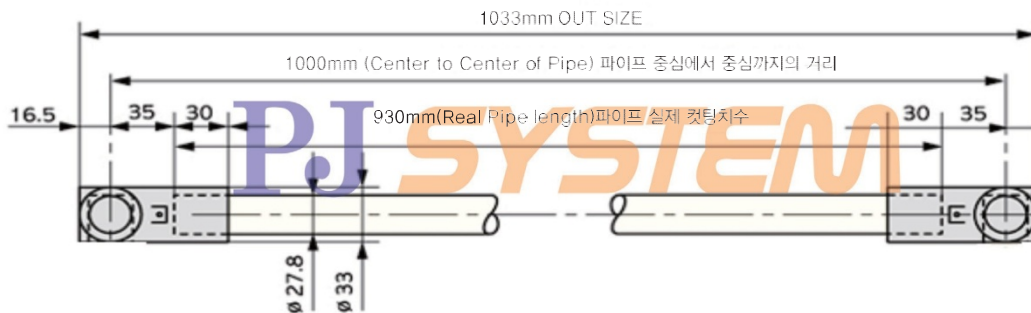
design → start & check → manufacturing (mass production)

# 파이프 길이 계산

## CALCULATING FOR PIPE LENGTH

### 수평길이 계산

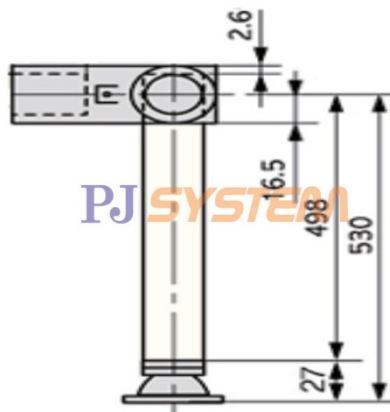
### THE CALCULATION FOR HORIZONTAL LENGTH OF PIPE



|      |                                                                        |
|------|------------------------------------------------------------------------|
| 1000 | • 파이프 중심에서 중심까지의 거리<br>Length between the both centers                 |
| - 71 | • 파이프 끝에서 조인트 중심까지의 길이<br>Length between end of pipe & center of joint |
| 930  | • 파이프 절단 길이<br>Practical length of pipe to be cutted                   |

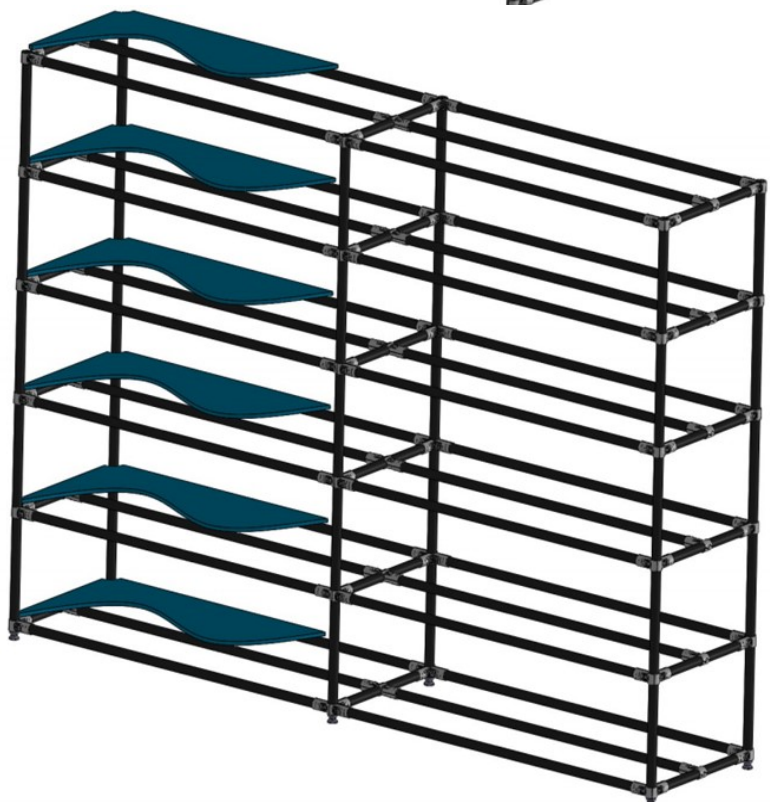
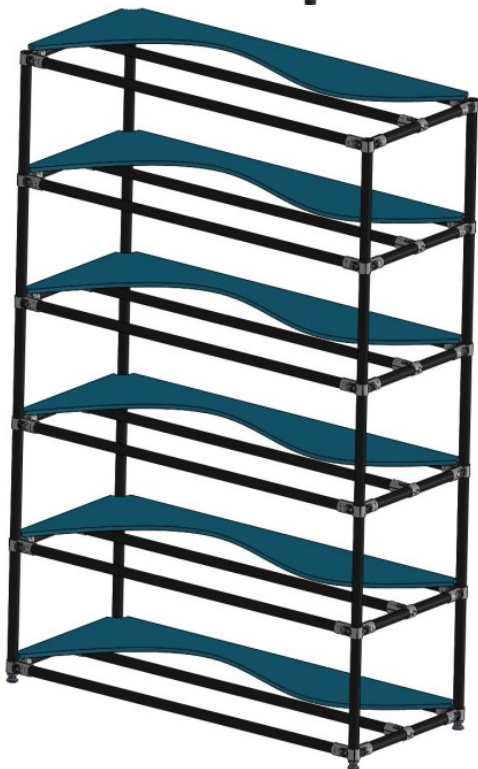
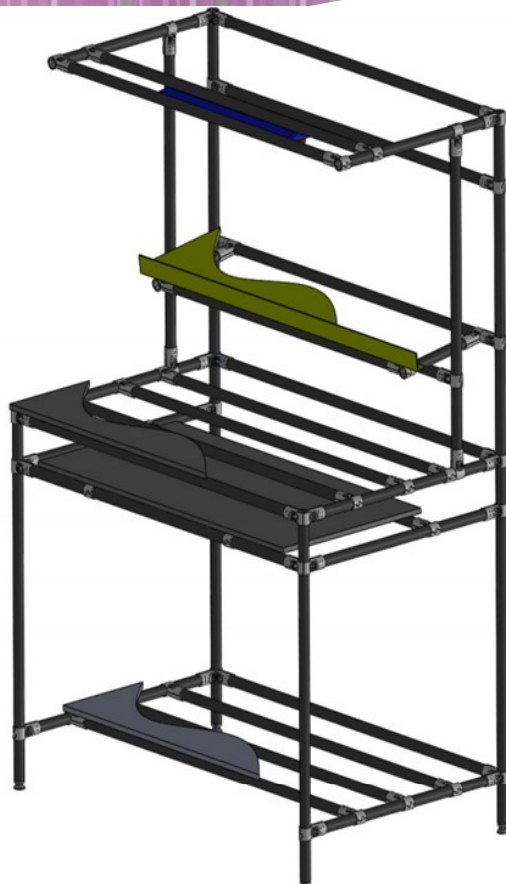
### 수직길이 계산

### THE CALCULATION FOR HORIZONTAL LENGTH OF PIPE



|      |                                                                                       |
|------|---------------------------------------------------------------------------------------|
| 530  | • 바닥에서 중심까지의 거리<br>Length between the end of adjuster & center of joint               |
| - 27 | • 파이프 끝에서 금구가 차지하는 길이<br>Length (space) between the end of pipe & the end of adjuster |
| + 17 | • 조인트 중심에서 조인트 외측까지 길이<br>length between the center & the surface of joint            |
| 520  | • 파이프 절단 길이<br>Practical length of pipe to be cutted                                  |

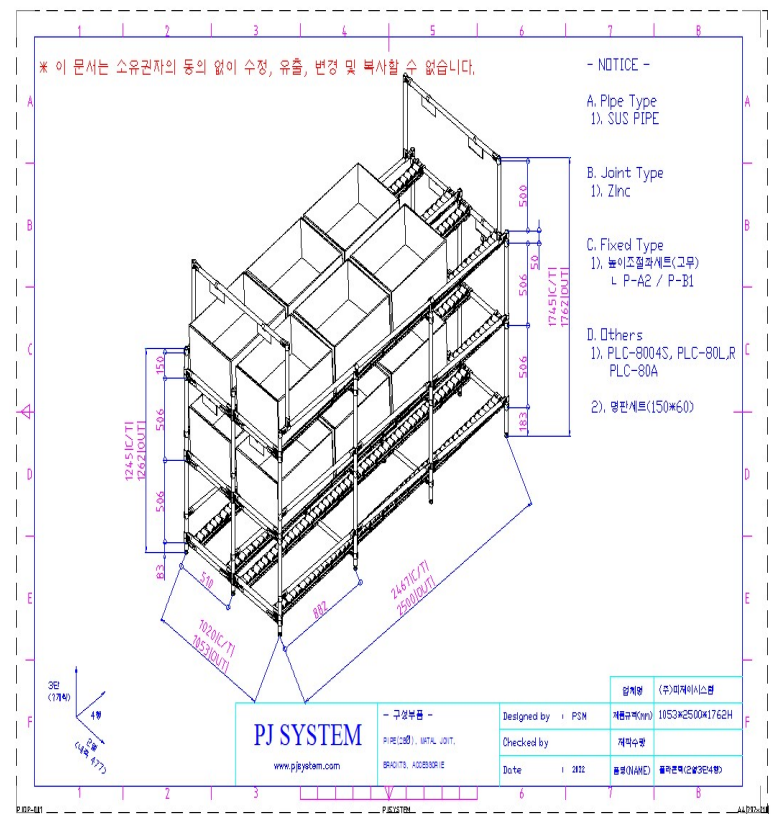
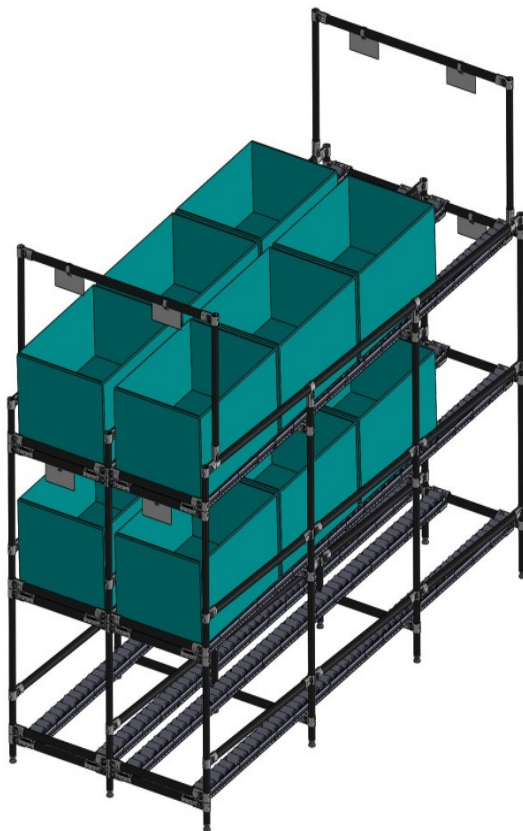
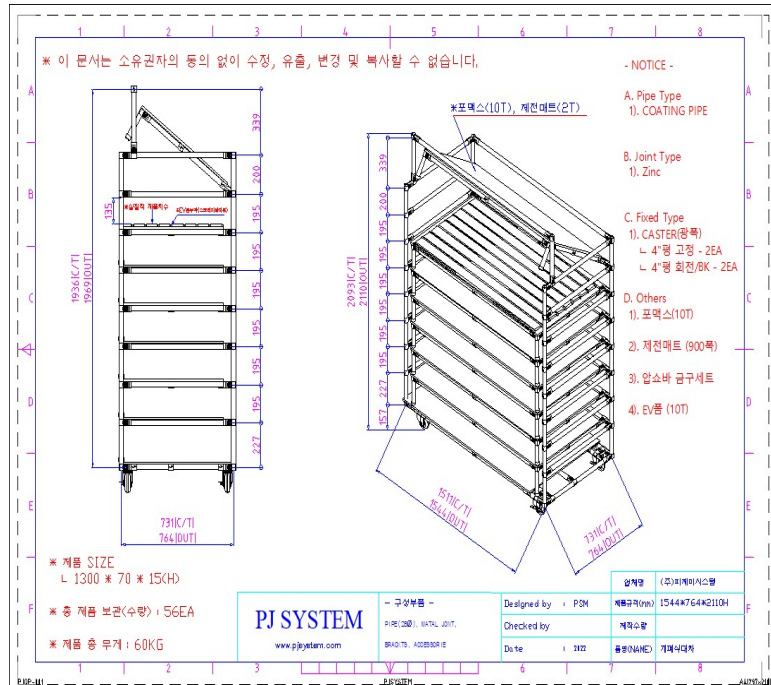
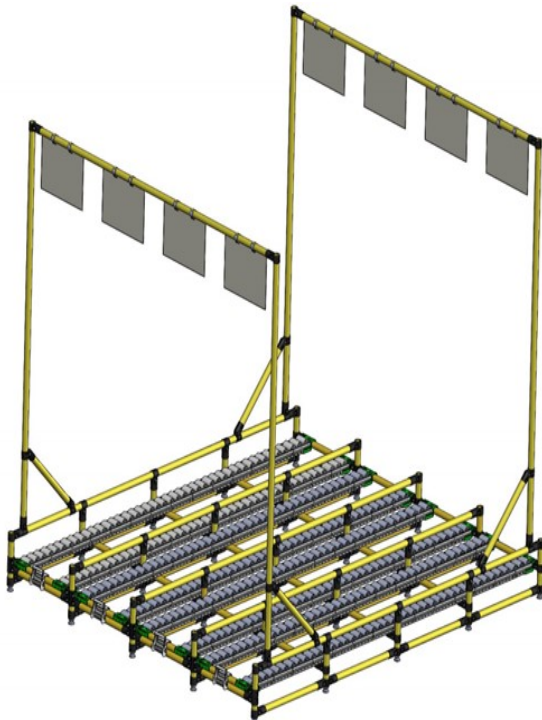
## DRAWING







# DRAWING





# APPLICATIONS

## [1]. 작업대 (적용사례)





# APPLICATIONS

## [1]. 작업대 (적용사례)





# APPLICATIONS

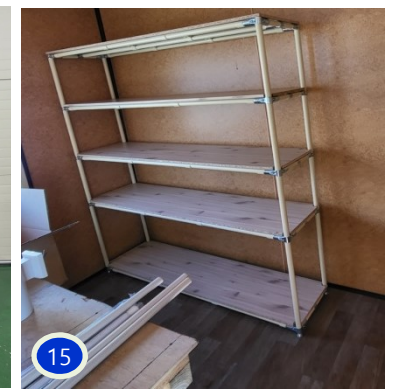
## [2]. 적치대 (적용사례)





# APPLICATIONS

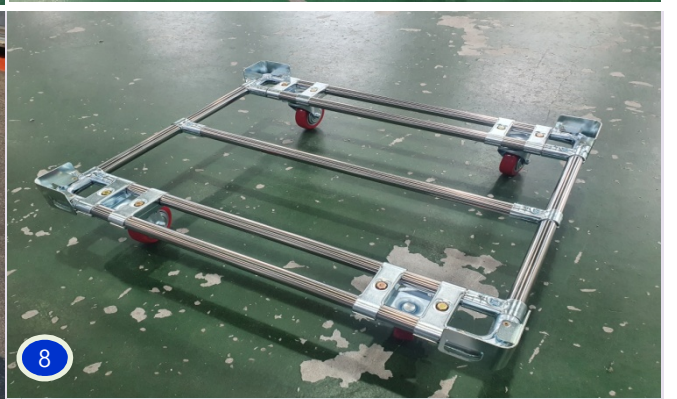
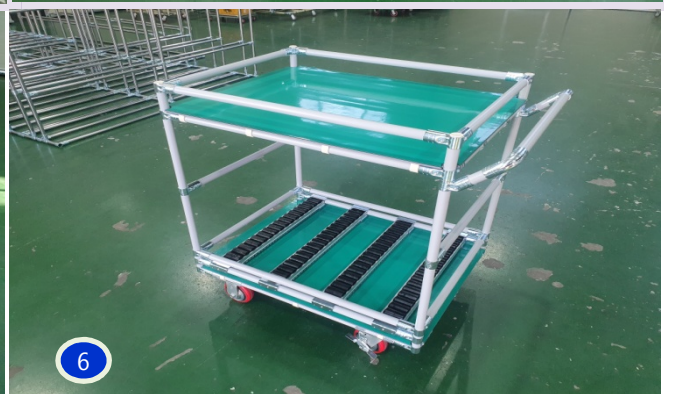
## [2]. 적치대 (적용사례)





# APPLICATIONS

## [3]. 이동대차 (적용사례)





# APPLICATIONS

## [3]. 이동대차 (적용사례)





# APPLICATIONS

## [4]. 적재대차 (적용사례)





# APPLICATIONS

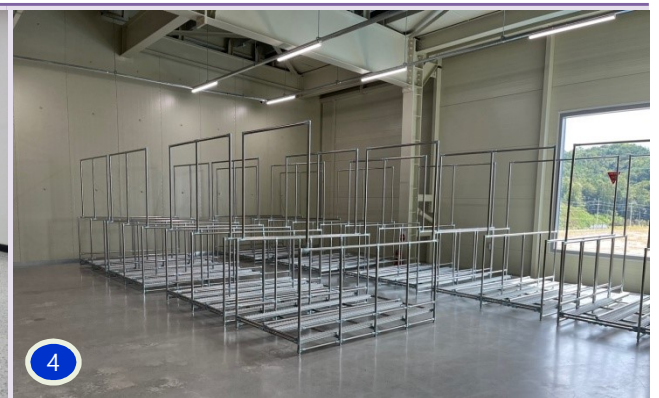
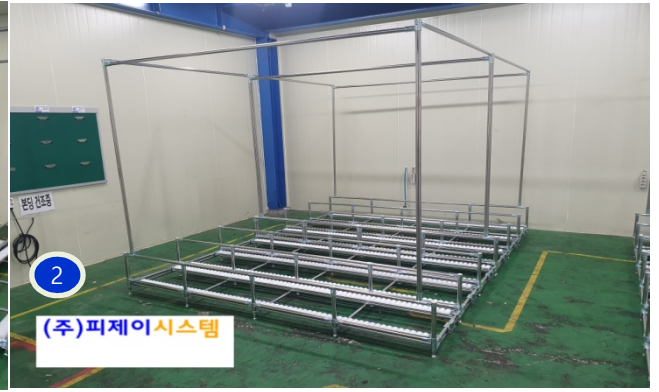
## [4]. 적재대차 (적용사례)





# APPLICATIONS

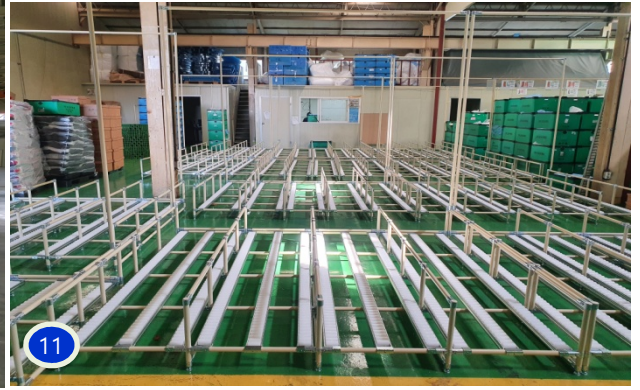
## [5]. 선입선출랙 - 1단 (적용사례)





# APPLICATIONS

## [5]. 선입선출랙 - 1단 (적용사례)





# APPLICATIONS

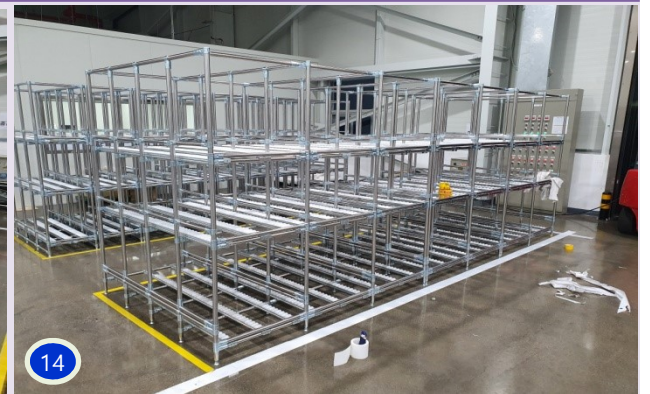
## [5]. 선입선출랙 - 2단이상 (적용사례)





# APPLICATIONS

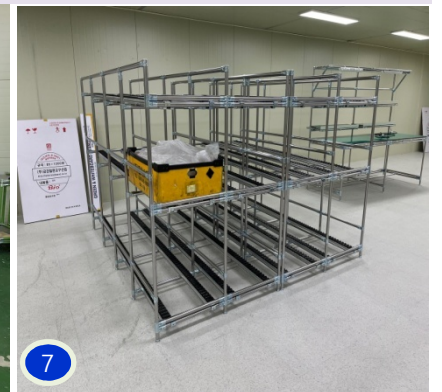
## [5]. 선입선출랙 - 2단이상 (적용사례)





# APPLICATIONS

## [6]. 선입선출랙 - ESD제전용 (적용사례)





# APPLICATIONS

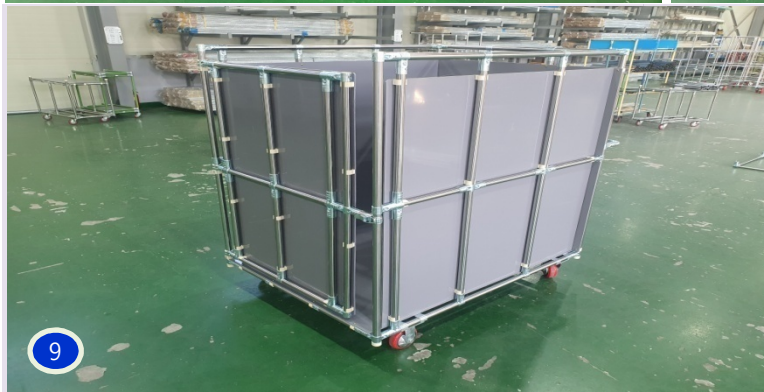
## [7]. 개폐식 대차 (적용사례)





# APPLICATIONS

## [8]. 납품용 대차 (적용사례)





# APPLICATIONS

## [8]. 납품용 대차 (적용사례)





# APPLICATIONS

## [9]. 캐비닛보관대, 경량랙 (적용사례)





# APPLICATIONS

## [10]. 파렛트랙, 중량랙 (적용사례)





# APPLICATIONS

## [10]. 파렛트랙, 중량랙 (적용사례)







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