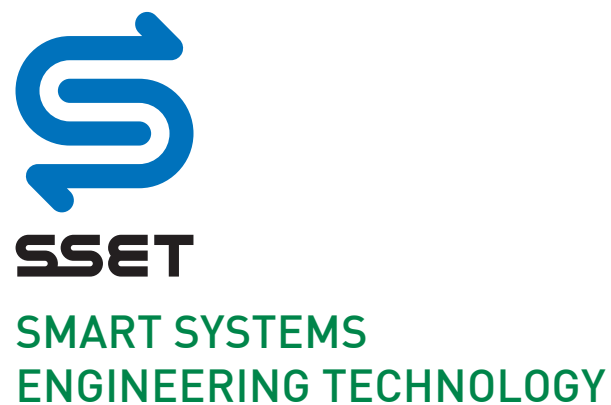




#### 자동차부품가공

절단·면취 / 피막·도포

#### Production of Automobile parts

Cutting·Chamfering / Phosphating·Coating

#### 자동화설비제작

절단·면취기 / 피막·도포기

#### Automation Equipment Production

Cutting·Chamfering Machine / Phosphating·Coating Machine

#### (주)에스에스이티

##### 본사 및 공장 Head Office and Factory

대구광역시 달서구 달서대로 58길 41

41, Dalseo-daero 58-gil, Dalseo-gu, Daegu, Korea

##### 서울·경기사무소 Seoul / Gyeonggi-Do Office

경기도 시흥시 경기과기대로 89

89, Gyeonggiwagidae-ro, Siheung-si, Gyeonggi-do, Korea

##### 중국 사무소 China Office

광둥성 심천시 보안구 사정대로 중심길 8-28

Chuangye Building No.916, Zhongxin Road No.8-28,

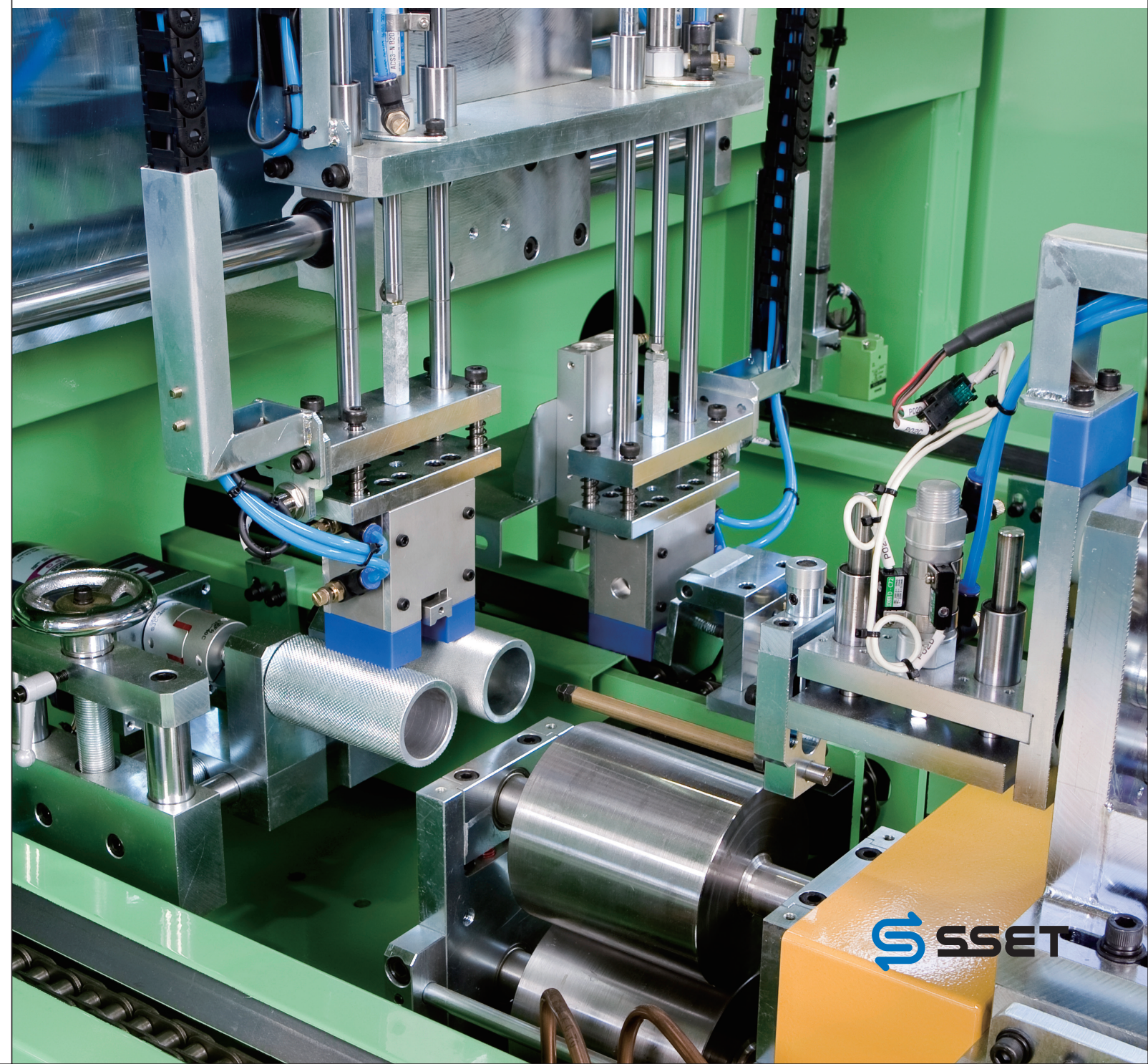
Shajingn Street, Bao'an District, Shenzhen City, Guangdong Province

Tel. +82.1577.3511 E-mail. sset@sset.co.kr

[www.sset.co.kr](http://www.sset.co.kr)

# Coating Equipments & Pollution Prevention Facility

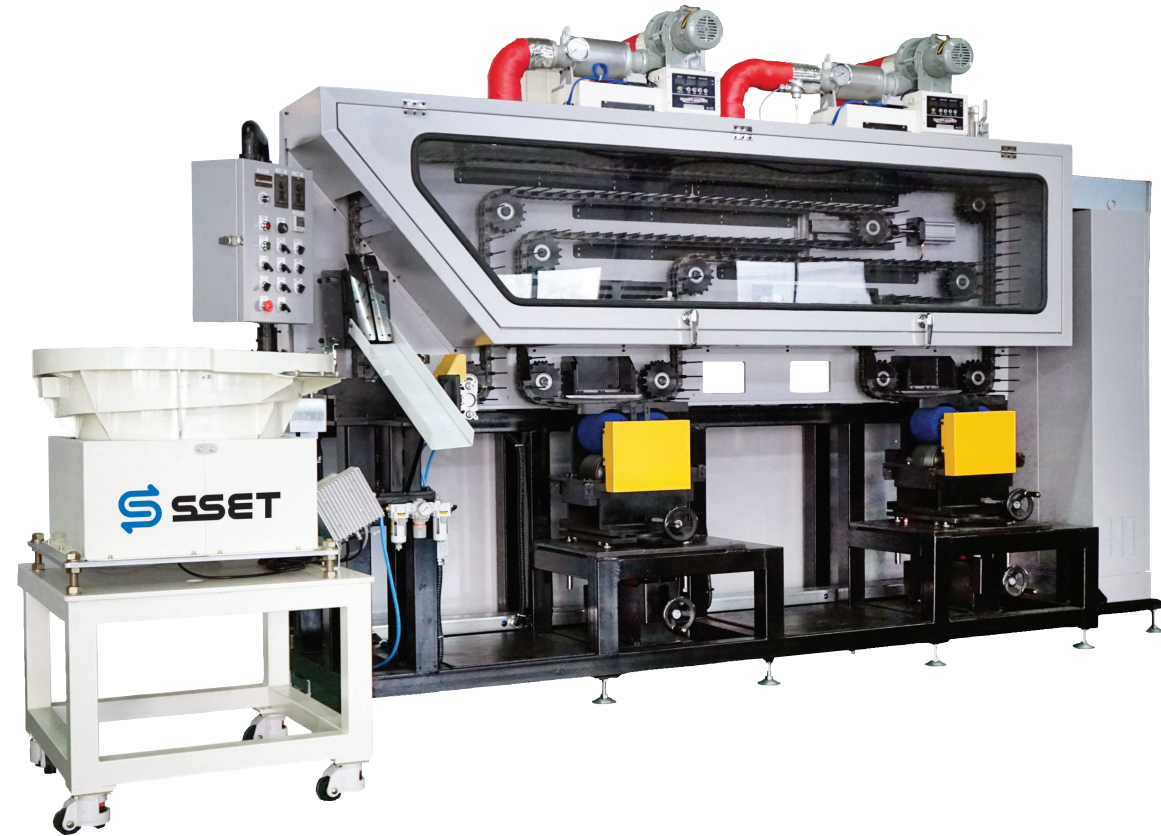
도포기 · 환경설비





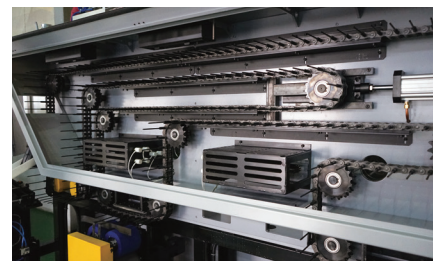
# 자동 롤 도포기 AUTO ROLL COATING MACHINE

## 내파이프 롤도포기 Inner Pipe Roll Coater



- 파이프 외면 자동도포 장비
- 브러쉬 도포방식으로 도포액 손실 최소화
- 연속적인 소재 투입으로 생산성 극대화
- 컬러센서 적용으로 1차 불량 검출 가능
- Automatic pipe outer coating machine
- Using special brush minimizes the loss of adhesive
- By continuous supplying maximized production capacity
- Primary defects detection using Color sensor

|                               |                          |                                |            |
|-------------------------------|--------------------------|--------------------------------|------------|
| Work-piece material<br>(대응소재) | Size<br>(크기)             | Inner diameter<br>(내경)         | 12~30mm    |
|                               |                          | Outer diameter<br>(외경)         | 20~35mm    |
|                               |                          | Thickness (Height)<br>(두께(높이)) | 2.0~10.0mm |
|                               | Shape (형상)               |                                | PIPE       |
|                               | Coating surface<br>(피도면) |                                | 파이프 외면     |



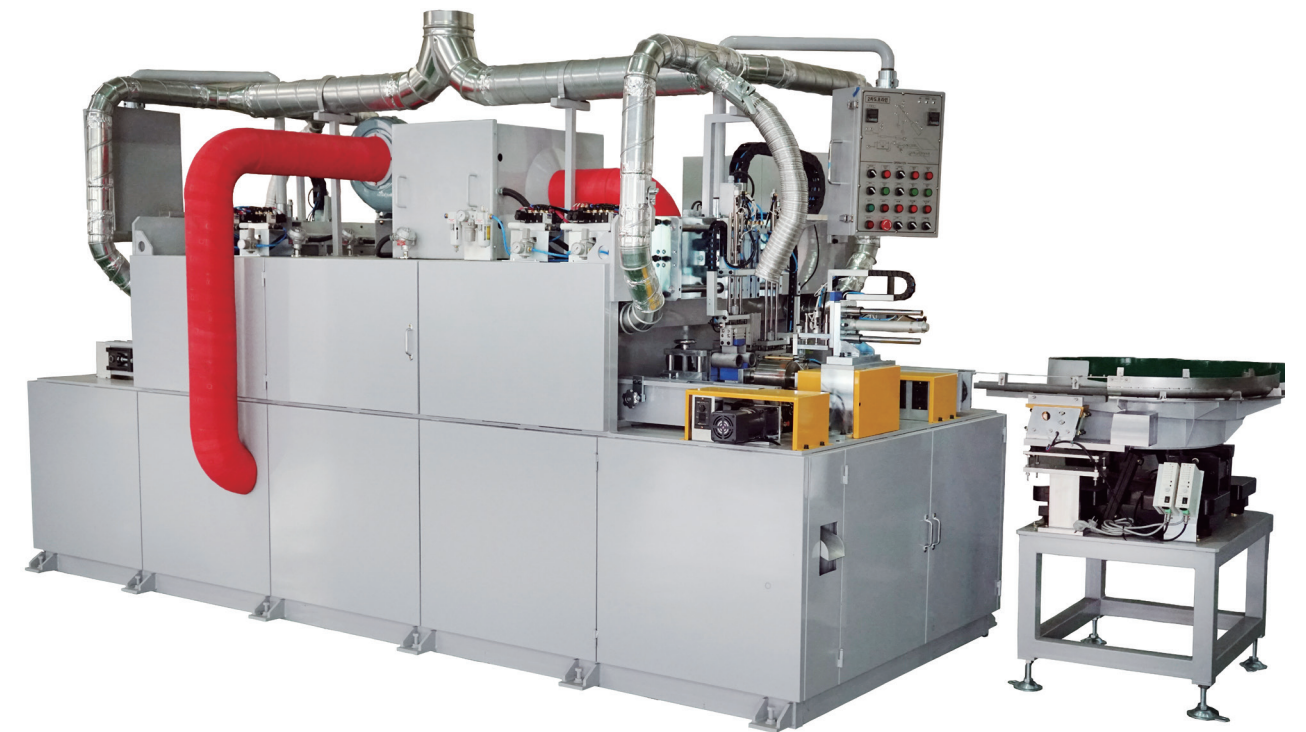
Feeding Conveyor



Automatic Coating Unit

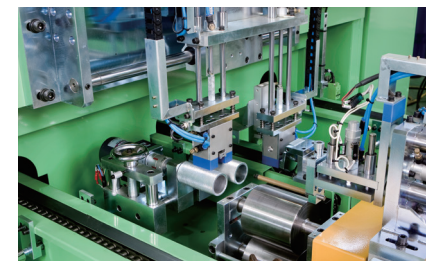


## 외파이프 롤도포기 Outer Pipe Roll Coater



- 파이프 내면 자동도포 장비
- 브러쉬 도포방식으로 도포액 손실 최소화
- 체인 컨베이어와 자동이재기를 적용하여 파이프 자동 도포
- Automatic pipe inner coating machine
- Using special brush minimizes the loss of adhesive
- Automatic coating of pipes using Chain conveyor with Automatic transfer device

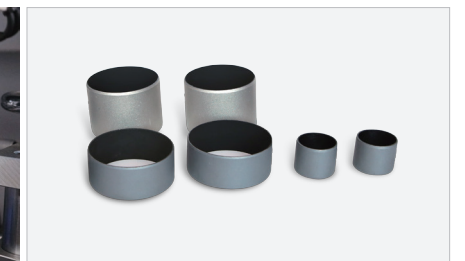
|                               |                          |                                |                                |
|-------------------------------|--------------------------|--------------------------------|--------------------------------|
| Work-piece material<br>(대응소재) | Size<br>(크기)             | Inner diameter<br>(내경)         | 30~70mm                        |
|                               |                          | Outer diameter<br>(외경)         | 30~80mm                        |
|                               |                          | Thickness (Height)<br>(두께(높이)) | 1.6~3.2mm                      |
|                               | Shape (형상)               |                                | PIPE                           |
|                               | Coating surface<br>(피도면) |                                | Pipe inner surface<br>(파이프 내면) |



Automatic Coating Unit



Transfer device



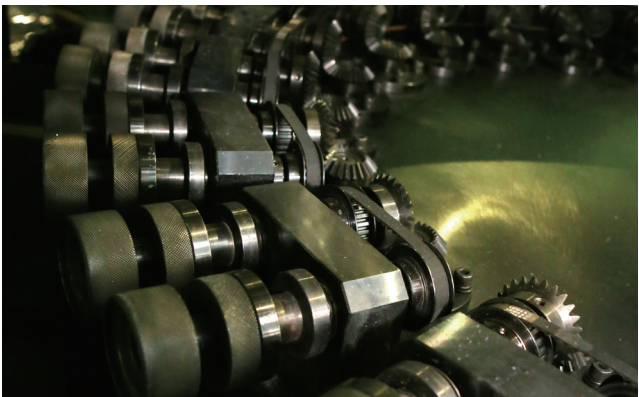


자동 롤 도포기

# AUTO ROLL COATING MACHINE

플랜지 롤도포기

## Flange Pipe Roll Coater(SS-FPR)



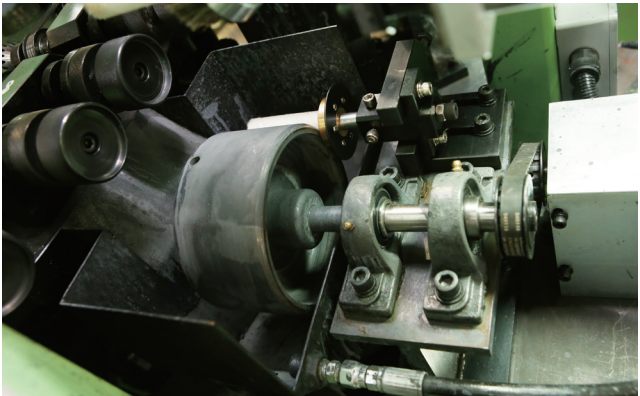
Transfer device



Coating Brush



Transfer device



Automatic Coating Unit

- 특수 브러쉬를 장착한 플랜지파이프 전용 자동 도포장비
- 브러쉬 코팅으로 도포액 손실을 최소화
- 피더와 자동공급 및 배출장치를 적용하여 전체 공정 자동화 구현
- Automatic coating equipment with special brush for flange pipes
- Using special brush minimizes the loss of adhesive
- Full process automation by using Feeder, Auto supplying and Auto discharging devices

| Specifications (항목)           |                       |                             | Flange Pipe Roll Coater                       |
|-------------------------------|-----------------------|-----------------------------|-----------------------------------------------|
| Work-piece material<br>(대응소재) | Size<br>(크기)          | Inner diameter (내경)         | 30~60                                         |
|                               |                       | Outer diameter (외경)         | -                                             |
|                               |                       | Thickness (Height) (두께(높이)) |                                               |
|                               | Shape (형상)            |                             | Flange Pipe                                   |
|                               | Coating surface (피도면) |                             | Flange and pipe inner surface (플랜지면 및 파이프 내면) |



자동 스프레이 도포기

# AUTO SPRAY COATING MACHINE

비정형 로터리 스프레이도포기

Irregular Shape Index Table

Spray Coater



- 자동 스프레이 방식 도포 장비로 회전지그를 적용하여 생산성을 극대화 하였으며 소형 난 형상제품 도포에 유리
- 스프레이 건의 서보제어를 통해 제품 내면도포 가능
- Automatic spray coating equipment maximizes productivity by applying the rotating jigs and best for coating of small products.
- Work-piece Inner coating by Servo controlled spray gun

|                               |                          |                                |                                |
|-------------------------------|--------------------------|--------------------------------|--------------------------------|
| Work-piece material<br>(대응소재) | Size<br>(크기)             | Inner diameter<br>(내경)         | 40~80mm                        |
|                               |                          | Outer diameter<br>(외경)         | 25~85mm                        |
|                               |                          | Thickness (Height)<br>(두께(높이)) | -                              |
|                               | Shape (형상)               |                                | Loaf, Pope, Flange Pipe, Plate |
|                               | Coating surface<br>(피도면) |                                | 내/외면                           |



Spraying device

Table/ Rotation jig

비정형 직진 스프레이도포기

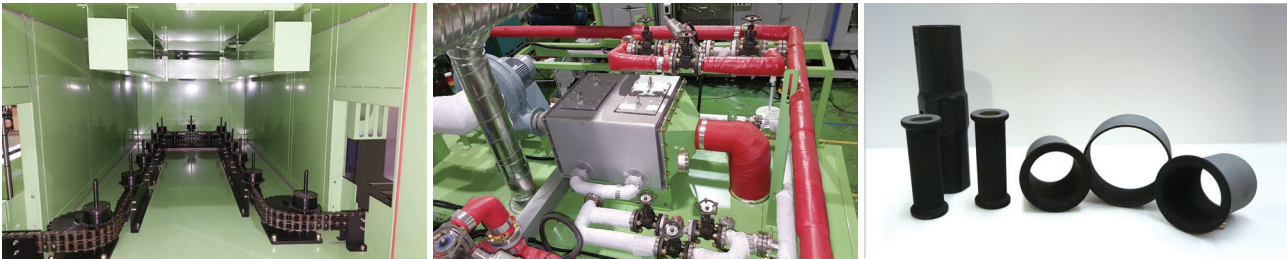
Irregular Chine Conveyor

Spray Coater



- 자동 스프레이 방식 도포 장비로 제품간 피치를 넓혀 대형 난 형상제품 도포에 유리
- Automatic spray coating equipment by expanding the distance between products it is best for coating of irregular shape large products

|                               |                          |                                |                                |
|-------------------------------|--------------------------|--------------------------------|--------------------------------|
| Work-piece material<br>(대응소재) | Size<br>(크기)             | Inner diameter<br>(내경)         | -                              |
|                               |                          | Outer diameter<br>(외경)         | <200                           |
|                               |                          | Thickness (Height)<br>(두께(높이)) | <200                           |
|                               | Shape (형상)               |                                | Loaf, Pope, Flange Pipe, Plate |
|                               | Coating surface<br>(피도면) |                                | 외면                             |



Feeding Conveyor

Heat exchanger



자동 스프레이 도포기

# AUTO SPRAY COATING MACHINE

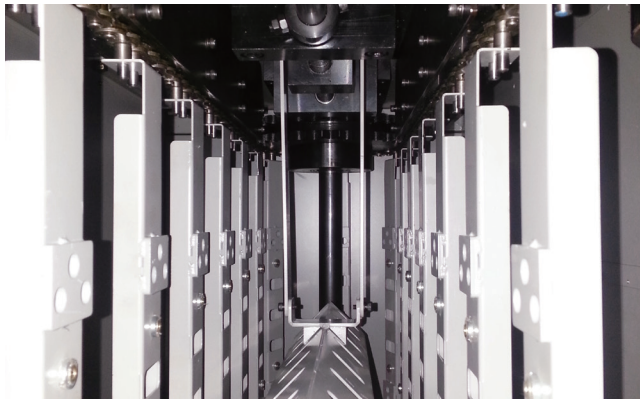
TM-B&U 스프레이도포기

## TM-B&U Spray Coater

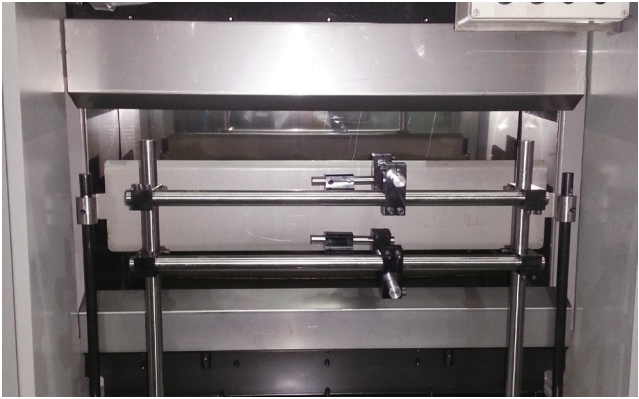
- 자동 스프레이 방식 도포 장비
  - Transmission 전용 도포 장비
  - 컨베이어 방식을 적용한 제품이송
- 
- Automatic spray type coating
  - Coating equipment for Transmission
  - Conveyor type transfer method



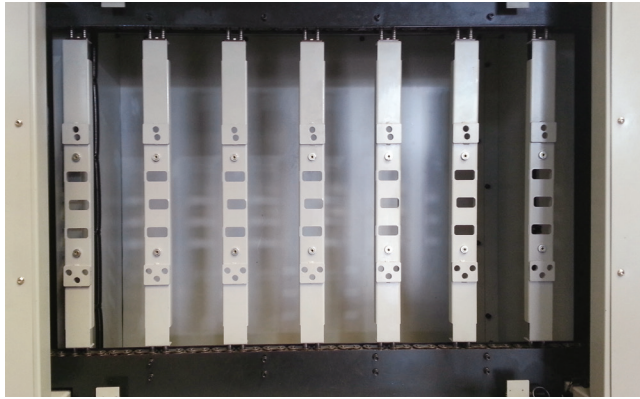
Heat exchanger



Feeding Conveyor



Spray Booth



TM-B&U Jig

| Specifications (항목)           |                       |                             | TM-B&U Spray Coater |
|-------------------------------|-----------------------|-----------------------------|---------------------|
| Work-piece material<br>(대응소재) | Size<br>(크기)          | Inner diameter (내경)         | —                   |
|                               |                       | Outer diameter (외경)         | —                   |
|                               |                       | Thickness (Height) (두께(높이)) | —                   |
|                               | Shape (형상)            |                             | Transmission Mount  |
|                               | Coating surface (피도면) |                             | Upper & Bottom      |



전자동 insan업 피막라인

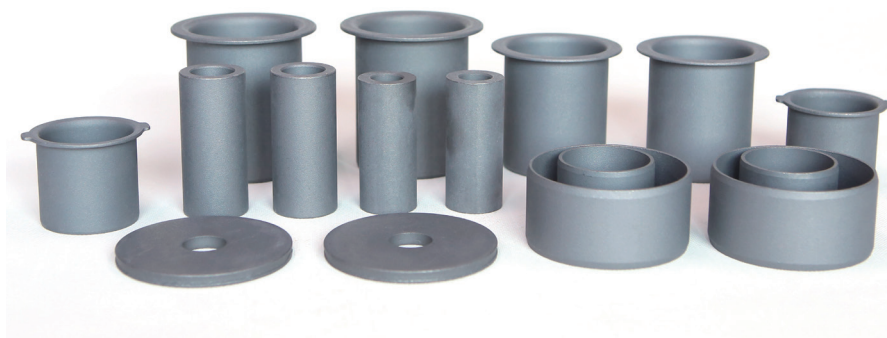
# AUTO PARKERLIZING LINE



- 원 터치 Barrel 개폐 장치 : 작업 편리성 극대화
- 소재 자동 배출 장치를 적용하여 배출 편의성 확대
- 건조공정 자동 개폐커버 적용으로 건조 시간 단축

- One touch Barrel open/close unit: Maximized ease of processing
- Maximized ease of ejection by applying material auto ejector
- Shortened overall cycle time by using auto closing cover

|                               |                          |                               |        |
|-------------------------------|--------------------------|-------------------------------|--------|
| Work-piece material<br>(대응소재) | Size<br>(크기)             | Inner diameter<br>(내경)        | Core 류 |
|                               |                          | Outer diameter<br>(외경)        | 외절류    |
|                               |                          | Thickness (Height)<br>(두께/높이) | Cover류 |
|                               | Shape (형상)               |                               | 비정형    |
|                               | Coating surface<br>(피도면) |                               | 노출면    |



환경오염방지시설제작 (대구광역시 등록 52호)

# POLLUTION PREVENTION FACILITY

## 사업종목

1. 여과 집진기
2. 세정식 집진기
3. 활성탄 흡착탑
4. 이동식 집진기
5. 송풍기 제작
6. 각종 덕트공사
7. 산업용 플랜트
8. 환경 인·허가 대행

## BUSINESS AREA

1. Bag-Filter
2. Venturi scrubber
3. Activated carbon tower
4. Portable dust collector
5. Fan & Blower
6. Duct plant
7. Industrial plant
8. Environmental licensing



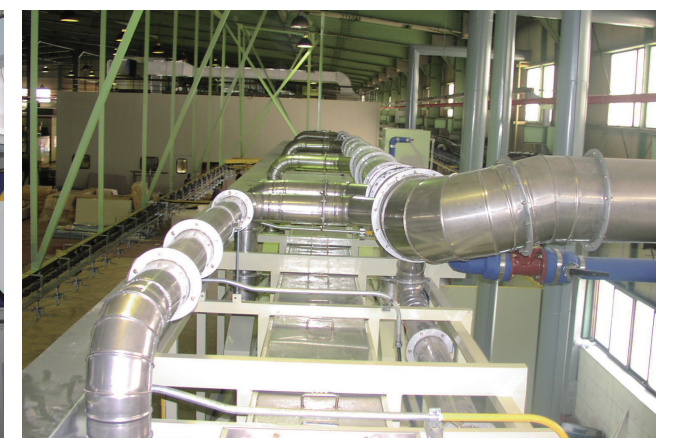
여과집진장치 \_ BAG-FILTER



습식집진장치 \_ WET-SCRUBBER



폐수처리장치 \_ WASTE WATER DISPOSAL PLANT



덕트 플랜트 \_ DUCT PLANT