# 해상장비

## Maritime Equipment

- Jack-up Barge & Jacking System
- Derrick Crane
- Deck Crane
- Air Spinning System
- Pile Guide Frame

www.sambocmc.com

# Air Spinning System

SAMBOCMC CONSTRUCTION MACHINE CO., Ltd.

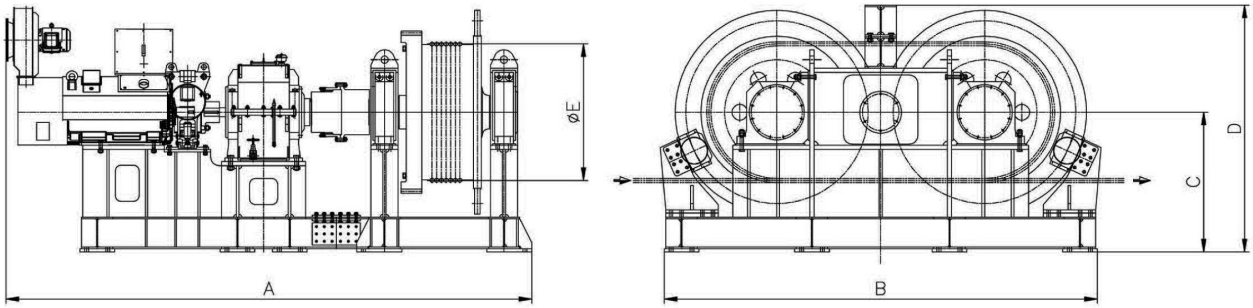
## Driving Winch

### Special features

A driving winch is main equipment of Air-spinning system used suspension bridge construction work.
As a friction winch using double drums, it is used by means of Catwalk rope construction, As wire construction, Reinforcement segment lifting, etc.
Because a driving winch is needed to the input power, it must be installed with a rope unreeler.

### 특 징

Driving winch는 현수교 가설공사에 사용되는 Air-spining system의 주요장비이다.
더블 드럼을 이용한 마찰식 윈치로, Catwak Rope 가설, AS wire 가설, 보강형 Segment 인양등에 사용된다.
Driving winch는 마찰저항에 따른 IN put power 가 필요하므로, Rope-unreeler와 같이 설치하여야 한다.

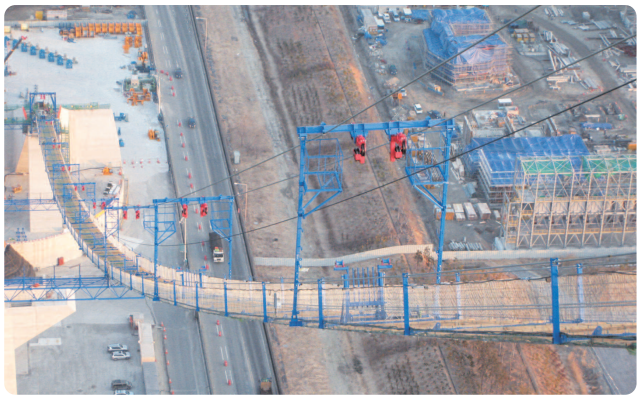



### Specifications

| Model | SDW-240 | SDW-370 |
|---|---|---|
| Out put power | 24 ton | 37 ton |
| Speed | 0 ~ 30m/min | 0 ~ 30m/min |
| Driving system | Double drum type | Double drum type |
| Brake System | AC/DC Brake | AC/DC Brake |
| | Band Brake | Caliper Brake |
| Motor control | Inverter Control | Inverter Control |
| Operation System | Auto / Manual | Auto / Manual |
| Weight | 18 ton | 28 ton |

### Dimension

| Model | A | B | C | D | E |
|---|---|---|---|---|---|
| **SDW-240** | 5,400 | 2,600 | 1,130 | 1,930 | 1,000 |
| **SWD-370** | 5,000 | 4,100 | 1,330 | 2,350 | 1,300 |



The above may change during further development. (상기 사양은 보다 나은 개발을 위해 변경될 수 있음.)

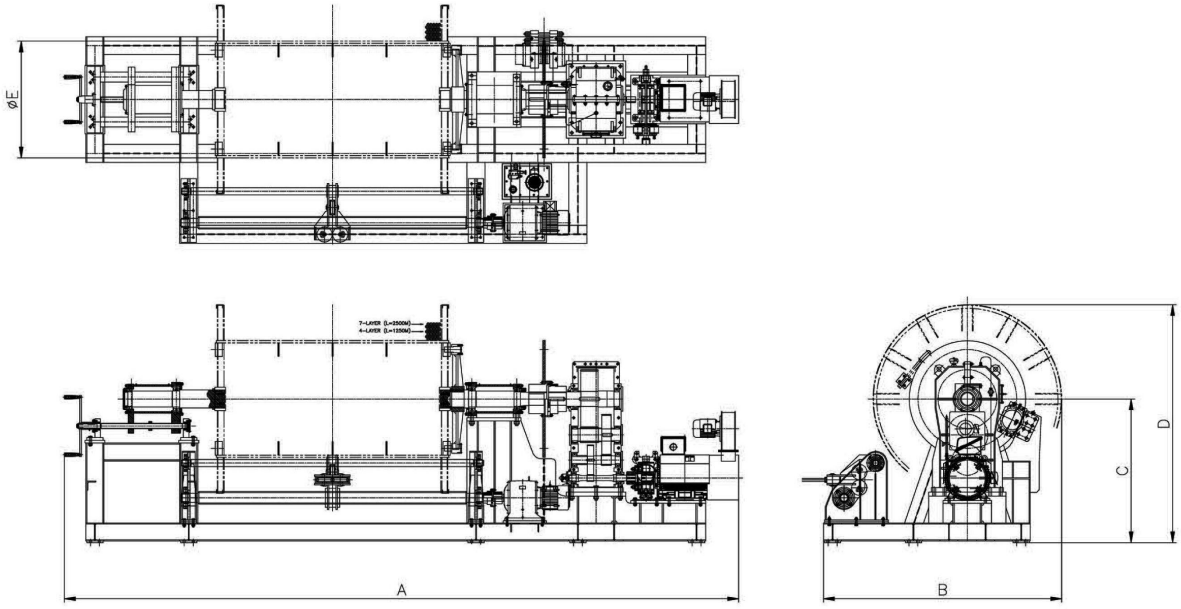
# Rope-Unreeler

## Special features

A rope unreeler is main equipment of Air-spinning system used suspension bridge construction work.
As a back-tension winch of a driving winch, it is used by input power and a drum of hauling rope during Catwalk rope construction, AS wire construction, Reinforcement segment lifting.

## 특 징

Rope-unreeler는 현수교 가설공사에 사용되는 Air-spining system의 주요장비이다.
Rope-unreeler는 Driving Winch의 Back-tension 윈치로써, Catwak Rope 가설, AS wire 가설, 보강형 Segment 인양시에 Driving winch의 In put power 역할 및 Hauling rope의 Drum으로 사용된다.




## Specifications

| Model | SRU-03 | SRU-05 |
|---|---|---|
| Out put power | 3 ton | 5 ton |
| Speed | 0 ~ 30m/min | 0 ~ 30m/min |
| Driving system | Single drum type | Single drum type |
| Brake System | Magnet disc | AC/DC Brake |
| | Caliper Brake | Caliper Brake |
| Motor control | Inverter Control | Inverter Control |
| Operation System | Auto / Manual | Auto / Manual |
| Weight | 5.2 ton | 6.4 ton |

## Dimension

| Model | A | B | C | D | E |
|---|---|---|---|---|---|
| **SDW-030** | 5,800 | 3,200 | 1,600 | 2,800 | 1,150 |
| **SWD-050** | 7,500 | 2,650 | 1,600 | 2,650 | 1,300 |

The above may change during further development. (상기 사양은 보다 나은 개발을 위해 변경될 수 있음.)

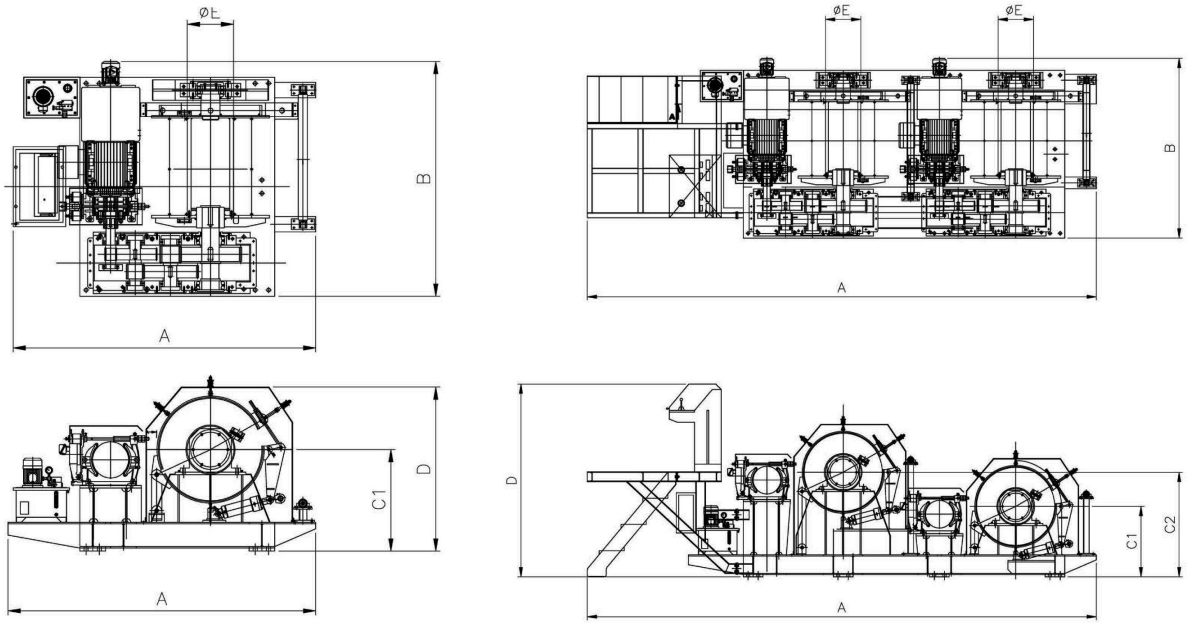
# General Winch

## Special features

A general winch is main equipment of Air-spinning system used suspension bridge construction work.
It is used by means of structure lifting of overhead and saddle part, Tramway construction, Catwalk guide roller construction, etc.

## 특 징

General winch는 현수교 가설공사에 사용되는 Air-spining system의 주요장비이다.
General winch는 탑정부 및 Saddle부의 중량물 인양 및 Tramway support 가설, Catwalk guide roller 가설등에 사용된다.




## SPECIFICATIONS

| Model | SGW-050-S | SGW-050-D |
|---|---|---|
| Out put power | 5 ton | 5 + 5 ton |
| Speed | 0 ~ 70m/min | 0 ~ 70m/min |
| Driving system | Single drum type | Double drum type |
| Brake System | AC/DC Brake | AC/DC Brake |
| | Band Brake | Caliper Brake |
| Motor control | Inverter Control | Inverter Control |
| Operation System | Auto / Manual | Auto / Manual |
| Weight | 6 ton | 12 ton |

## DIMENSION

| Model | A | B | C1 | C2 | D | E |
|---|---|---|---|---|---|---|
| **SGW-050S** | 3,000 | 2,300 | 990 | - | 1,600 | 450 |
| **SGW-050D** | 6,500 | 2,300 | 990 | 1,340 | 2,460 | 450 |

The above may change during further development. (상기 사양은 보다 나은 개발을 위해 변경될 수 있음.)

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