

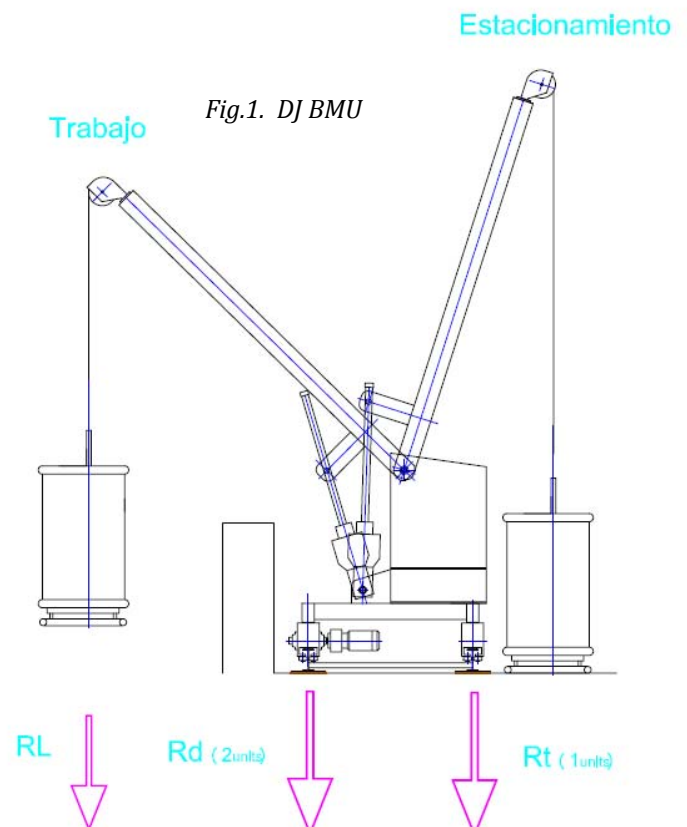
## 1. DESCRIPTION:

The DJ-type gondola is the most popular model in the market. Its main characteristic is the employment of two jibs for cradle support. This model allows us to reach up to six meters and allows working heights of up to 250m.

The most common options offered with this gondolas are:

- Turning platform
- Pantograph system for recess on façade
- Slewing body
- Removable platform, telescopic or custom designed
- Special design of the body for narrow areas
- Folding jibs for parking
- Water tanks on platforms
- Auxiliary winch system to change windows or lifting loads on roof
- Phone between carriage and platform
- Control through the center core of the suspension wire ropes
- Restraint system for buildings of more than forty meters in height.

EUROPEAN  CERTIFICATE





TECHNICAL SPECIFICATIONS  
GIND-DJ MODELS  
BUILDING MAINTENANCE UNITS(BMU)

Góndolas in Design  
Centro Empresarial Eisenhower. Bloque 5. 1º- C  
C/ Cañada Real de las Merinas, 17 - 28042 Madrid Spain  
Phone: + 34 917 481 833 - Fax: +34 917 481 865  
info@gind.es - www.gind.es

## 2. STANDARD MODELS:

### 2.1. Standard Technical Specifications:

#### ● GENERAL:

Height maximum:	To define.
Wheels distance:	1.600 mm
Total machine weight:	2.000 Kg.
Platform capacity:	240 Kg.
Maximum reach:	1.600 mm.
Control panel:	in machine and platform.
Finished:	Galvanized

#### ● TROLLEY:

Finished trolley:	Steel
Drum:	Multilayer drum
Motorized elevation system:	Engine 1,1 KW
Motorized Traversing:	Engine 0,37 KW.
Elevation speed:	10 m/min.
Traversing speed:	9 m/min.
Traversing detector:	Yes, acoustic.
Traversing through:	wheels

#### ● DESCRIPTION SUSPENSION WIRES:

Nº and diameter:	4/7mm
Composition:	6x19 +1 Ø7,51 mm <sup>2</sup>
Regulation:	DIN 3058

#### ● CRADLE:

Platform dimensions:	1,6x0,7x1 m. (Standard)
Finished:	Steel.
Under Safety bar :	Yes.
Securities:	Suelo antideslizante. Protecciones en las esquinas de goma.
Wire bag:	Yes
Anchorage points inside the platform	Yes
Limit switches:	Double safety switch broken wires and switch slack wires.

#### ● JIBS:

Type:	Bipluma
Lenght:	3 m. (to define)
Composition:	Steel tube.

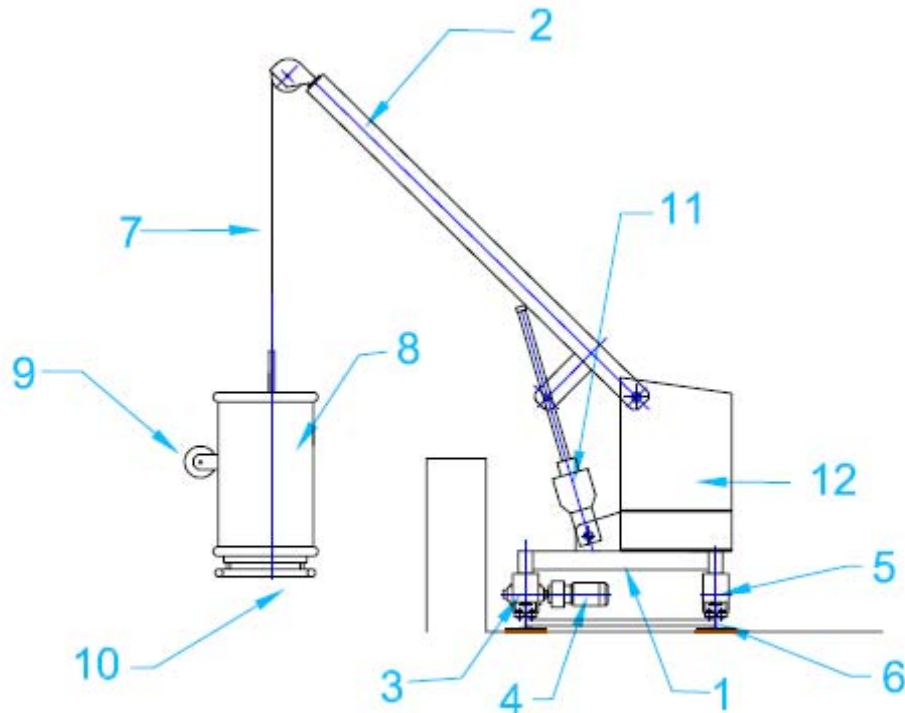
#### ● COMPONENTES ELÉCTRICOS:

Electrical supply:	400 V /16A
Power:	3,5 KW and 30 mA
Electrical protection:	IP-66

#### 4. DESCRIPTION OF THE EQUIPMENT:

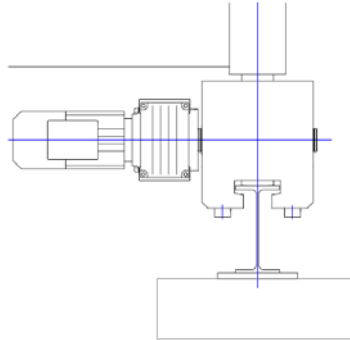
##### 4.1. Main Components:

1. Central beam
2. Jib
3. Powered wheel box
4. Geared motor
5. Rear roller frame
6. Guide wheel
7. Wire rope
8. Cradle
9. Support roller
10. Anti-collision bar
11. Luffing system
12. Body



#### 4.2. Traversing trolley:

The lower trolley is in steel, hot dip galvanized protection. The trolley is guided along the track by guide wheels attached to the wheel box.



#### 4.3. Jib:

The jib, in tubular steel section, is fixed to the body. The length of jib can reach 6 m.

#### 4.4. Electrical controls:

The electrical controls consist of the following main items:

##### On the trolley

- the power supply cable for connecting the trolley to the power points. This cable is stored on a reeler under the trolley.
- an electrical control box.

##### On the cradle

- a control box.

#### 4.5. Cradle:

The cradle is a tubular aluminium structure, clad with perforated aluminium panels. Two foam rollers allow the cradle to rest lightly against the facade and absorb the swinging movements. An anti-collision bar fitted under the cradle prevents collision with obstacles when lowering.

#### 4.6. Wire Ropes:

The cradle is suspended from the jib by sheaved wire ropes. Is equipped with an overspeed safety brake. This brake acts in case of a too speedy descent of the cradle. Then the wire ropes are stored on a powered double reeler.

**4.7. Controls:**

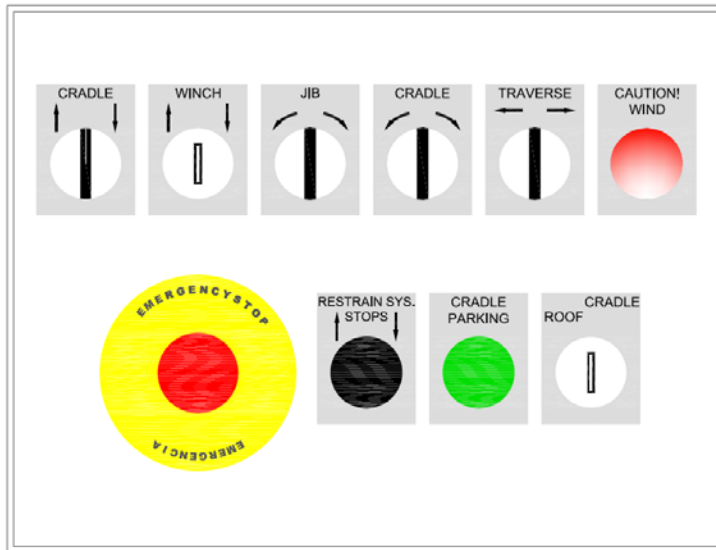
**Selection of the control panel**

The equipment has two control panels:

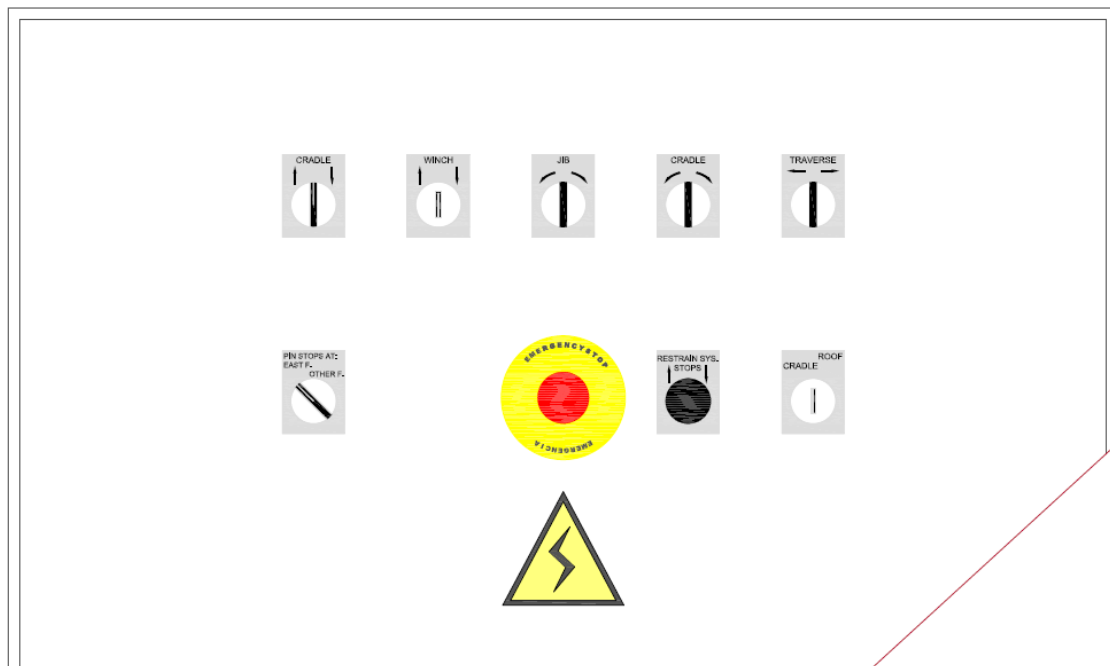
- 1 main control panel in the cradle, connected to the trolley by a flexible cable.
- 1 control panel on the trolley for back-up operations in the event of failure of the main control panel.

The control panel is selected using the lockable switch on the trolley control box.

**Cradle control box**



**Trolley control box**





TECHNICAL SPECIFICATIONS  
GIND-DJ MODELS  
BUILDING MAINTENANCE UNITS(BMU)

Góndolas in Design  
Centro Empresarial Eisenhower, Bloque 5, 1º- C  
C/ Cañada Real de las Merinas, 17 - 28042 Madrid Spain  
Phone: + 34 917 481 833 - Fax: +34 917 481 865  
info@gind.es - www.gind.es

## 5. SAFETY DEVICES:

**To ensure safe operation without danger to personnel, the machine is fitted with a number of safety devices which monitor the correct operation of the various components and operate in the event of a breakdown or fault.**

### 5.1. Safety devices on the cradle

- emergency stop
- lower anti-collision bar

### 5.2. Safety devices on the trolley

- emergency stop
- cradle upper safety limit switch
- cradle FINAL upper safety limit switch
- cradle overload safety device
- safety device
- slack wire rope safety device
- end of wire rope safety device
- electrical supply cable end limit switch
- slewing of turret
- slewing of spreader bar
- traversing end limit switch
- emergency lowering handle