

# 山东鹏程集团-临沂鹏程木业有限公司

China Pengcheng Group



**Usage:** it's used for concrete forming of pillars/columns in buildings, such as express way bridges, and so on.

## **Specifications:**

- 1, wood:** it's used the beech/birch/poplar/hard wood.
- 2, glue:** waterproof melamine glue/ WBP
- 3, film:** waterproof, black or brown
- 4, diameter:** 300-1600mm
- 5, length:** 3000mm Max
- 6, thickness:** 15mm/18mm/22mm:  
300-550mm diameter, the thickness is 15mm  
600-1200mm diameter, the thickness is 18mm  
1250-1600mm diameter, the thickness is 22mm
- 7, forming:** the rotary plywood is made of two piece of semi-circle plywoods and there is one steel belt with screw (width is 30mm, thickness is 2.3mm) to fasten it every 300mm.

### **Advantages of product:**

- 1, Compared with steel formwork, the cost can help the users to save about 60% of total costing.**
- 2, The rotary film faced plywood is lighter in weight, don't need the scale hoist to operate, the workers can take the labor work. It features high efficiency in settingup, pillar concere forming and dismounting. So,it save a large amount of time.**
- 3, It's good insulation.**
- 4, It's good permeability.**
- 5, There is good water effect.**
- 6, It can be cut arbitrarily according to the demands from customers.**
- 7, The rotary plywood is made of two pieces of semi-circle plywood, there is one steel belt with screw to fasten it evey 300mm and at the juncture of two tubes. Besides, the plywood edge has slots, the concrete will not come out from thr joining lines, which is obtained several professional patents.**

### **Setup instruction:**

- 1, the rotary plywood is made of two pieces of semi-cirlce plywood, there is one steel belt with screw (width is 30mm, thickness is 2.3mm) to fasten the plywood every 300mm.**
- 2, There is also a steel belt with screw at the juncture of two tubes.**
- 3, The product can be cut, joned easily when used for the bridges and wall pillars.**

**The steel belt's material is steel Q235, it's made by automatic welding machine and bending machine, the screw's material is 8.8 grade.**

### **Maintenace skills:**

**Maintenance: it need to clean the surfaces of the boards aftering using, don't break the film.If for long time storage, put related oil product on surfaces.**

**Storage: in dry envirment,keep the bottom the product above the ground about 200mm, avoid extreme wet places, away from shinning and raining.**

### **Example:**

**Take the same of Tai'an Culture and Art Center project: the diameter of its pillars has 400mm, 700mm, 800mm, 900mm, 1200mm, different height from 3000mm-6000mm, total 800 pillars. On using our company's rotary film faced plywood, the pillar production takes 5 days. The cost on our boards is 700 thousand RMB, no need hoist at all, workers take all the labor work..If they work on steel formwork, they need hoist to opperate setup and dismounting, the production time need 15 days at least. The cost will be 1.6 minllions RMB.If they use PVC tube, or wood strip joining, cost will be higher, and need more time.**

**Our rotary film-faced plywood for pillar concrete forming is adopted by many building sites, such as Yantai Nuclear Power Station, Nanning Airport, Hangzhou Subway, Shanghai Fisherman Dock, Xuzhou gym, Tai'an Culture and Art Center. Our product have got good comment from our customers. The product will play a leading roll in the field of pillar concere forming in near future. It will take place of same products made of steel and plastic.**

**The process of settingup and dismounting as the following pictures:**





**Engineering project example:**





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