



欣創工程設備股份有限公司

格柵式卡車輪胎環保洗車機



洗車清水回收底泥自動排出

地址:台北市明水路 602 號 6 樓/工廠地址:台中市烏日區太明路 144 號

電話: (02)85011939 傳真:(02)25325103

ADVANCE GRATING TYPE TIRE WASHER DWSG-01



項目 Item	規格 Specification
起動方式 Operation Method	機械感應式起動 Full Automatic Operation By Mechanical Sensor
適用車輛 Applicable Vehicle	各類車輛 All types vehicle
灑水壓力 Spraying Water Pressure	3-5 kg/cm ²
污泥的清除 Sludge Disposal	運泥帶自動排泥 Automatic Elimination By Using Sludge Conveyor
沖洗時間 Time for Washing	15-30 sec.
每小時可處理車輛數目 Vehicle Turnover per Hour	Around 80 nos. *
設備尺寸 Dimension of Equipment	2,240(W) x 5,600(L) x 2,220(H) mm
地基尺寸 Foundation Size	2,350(W) x 4,750(L) x 1,000(D) mm
安裝方式 Installation	固定 Fix Type
設備重量 Weight	4,550 kg
所需水量 Water Requirement	每部汽車約 3 公升 About 3 litter per vehicle
耗電量 Power Consumption	15.8kw
電源 Power Source	3 Phase / 4W / 380/220V / 50Hz
適合使用之工地 Suitable Job Site	中小型地盆 Small - Medium Size

*視乎地盆環境及天氣情況 Depends on site and weather conditions

DWSG-01 Unique Features

- ✓ 20HP Water Spraying Pump with Adjustable Valve to Control Spraying Pressure
- ✓ 16 Nos. Spraying Pipes with Over 160 Spraying Nozzles
- ✓ "5-Directions" Spraying to Give Complete Wash of Tires
- ✓ Individual Valves and Opening for Pipes Cleaning
- ✓ Automatic Inlet Water Level Control System
- ✓ Close Tank Design to Allow Maximum Water Recycling



FULL-TRUCK GRATING TYPE TIRE WASHER DWSG-01F

DWSG-01F is a full truck washing design with length of 7.6m to cover the whole dump truck. This eliminates the separate front and rear tires washing procedures in the small machine thus the truck can wash through the machine without stopping. It can handle



項目 Item	規格 Specification
起動方式 Operation Method	機械感應式起動 Full Automatic Operation By Mechanical Sensor
適用車輛 Applicable Vehicle	各類車輛 All types vehicle
灑水壓力 Spraying Water Pressure	3-4 kg/cm ²
污泥的清除 Sludge Disposal	運泥帶自動排泥 Automatic Elimination By Using Sludge Conveyor
沖洗時間 Time for Washing	5-15 sec.
每小時可處理車輛數目 Vehicle Turnover per Hour	Around 240 nos. *
設備尺寸 Dimension of Equipment	7,650(W) x 5,600(L) x 2,220(H) mm
地基尺寸 Foundation Size	7,800(W) x 4,750(L) x 1,000(D) mm
安裝方式 Installation	固定 Fix Type
設備重量 Weight	Approx. 13,650 kg
所需水量 Water Requirement	每部汽車約 6 公升 About 3 litter per vehicle
耗電量 Power Consumption	32 kw
電源 Power Source	3 Phase / 4W / 380/220V / 50Hz
適合使用之工地 Suitable Job Site	卸泥區、堆填區、大型地盤 Large Size Barging Point & Landfill Area



*視乎地盤環境及天氣情況 Depends on site and weather conditions

TIRE WASHSER OPERATION

How To Wash with Roller Type Tire Washer



1. 駛入 Entry

把車輛駛入自動洗輪機內，讓前輪在第一和第二滾軸之間固定下來。

The vehicle enters straight into the tire washer and the front tires are secured between the first and second rollers.



2. 清洗前輪 Front tire washing

前輪固定後，3秒鐘之內把變速排擋轉換為空擋，並鬆開手掣。在清洗過程中，指示燈會亮著，直至清洗完畢，指示燈才熄滅。

When the vehicle is secured, place the gear in neutral and release the brake within 3 seconds. A light will turn on during the washing process and the light will go off when the washing process is complete.



3. 清洗後輪 The rear tire washing

把後輪固定在第一和第二滾軸之間，3秒鐘之內把變速排擋轉換為空擋，並鬆開手掣。指示燈熄滅即表示清洗工作完成。

The rear tires are secured between the first and second roller, place the gear in neutral and release the brake within 3 seconds. When the indicator lamp turns off, the rear tire cleaning process is completed.



4. 駛離 Exit

清洗完畢後，車輛可以緩慢駛離自動洗輪機。

When the front and the rear tires are washed, vehicle can slowly move off the tire washer onto the road.

TIRE WASHER INSTALLATION

FOUNDATION & INSTALLATION

The installation of DONGWOO Auto Tire Washer is fast and convenient, customer just need to follow the below procedures.



地台

客戶只須依據提供之地台尺寸圖以混凝土製成安裝洗輪機的地台。

FOUNDATION

Customer shall prepare the concrete basement according to the provided foundation drawing.



安裝

用吊重裝置將洗輪機放在地台上並加以固定。

INSTALLATION

Using lifting crane to locate the tire washer on the concrete basement and fix it firmly.



啓動

接駁電力來源線及自動來供水管後便可啓動洗輪機。

START-UP

After connection of electric power line and water line, the auto tire washer can start operation.

TIRE WASHER ACCESSORIES

FLOCCULENT CHEMICALS DWA-01

Using Flocculent regularly and correctly can effectively clog up the floating silt particle in the water and turn it into sludge for easy removal by the sludge conveyor. To achieve better tire washing and water recycling performance, please follow the below sludge removing and dosing procedures:

(A) Daily Operation Procedures

- Select "Manual" Operation
- Push "Conveyor On" to start the sludge conveying for 3-5 minutes in order to remove the settled sludge at the bottom of the reservoir. In heavy traffic and muddy environment, a longer sludge conveying time should be allowed and repeat this procedure more times per day.
- Push "Conveyor Off" to stop the conveyor.
- Select "Automatic" to allow the tire washer works automatically.

(B) Dosing Procedures

- Fill the Flocculent into the cup up to the red mark.
- Evenly pour the Flocculent to the tire washer reservoir.
- One cup per day. In severe condition, add two.

Beware: Precaution should be taken to prevent inhalation, ingestion or contact with the skin or eyes.



DWA-01 沉澱粉 Flocculent
包裝 Packing: 5 Kg/Box



使用沉澱粉後的除泥效果
Removed sludge after adding flocculent



安裝前洗車之方式



安裝後洗車之方式



單機外觀



安裝



安裝



安裝完成



安裝完成



底泥排出情形