



# RUNWAY RUBBER REMOVAL "OPTIMUS"

KEEP YOUR  
AIRPORT RUNNING!



# ABOUT US

**NAFFCO “Optimus” Runway Rubber Removal Machine** is based on advanced technology to be used at the airports for the following applications:

- Runway Rubber Removal
- Oil Spills Removal
- Line/Road Marking Removal
- Friction improvement

## OUR TECHNOLOGY ENSURES:

- Gentle Treatment of the runway surface.
- Height of the device is adjustable to the ground surface.
- Forward view is not restricted in any way.
- No use of additive, just use of water for the removal of the rubber and paint.

**NAFFCO Optimus** employs a specifically developed high-pressure water jetting method that uses extremely low amount of water to work an entire shift non-stop without the need to refill the fresh water or remove the waste water.

## CHASSIS:

- Commercial Chassis
- Up to 41 ton grades vehicle weight
- Automatic transmission
- Up to 8x4 wheel configuration

Model	Paint Removal Working Width (mm)	Rubber Removal Module Working Width (mm)	Maximum Working Pressure (bar)	Maximum Water Consumption (l/min)	Fresh Water Housing (L)	Waste Water Housing (L)
Optimus 4	350	2200	2300	26	3500	3500
Optimus 6	350	2200	2500	33	5000	6000
Optimus 8	350	2200	2500	52	10000	11000

*Note: All images in this document are included for reference purposes only. NAFFCO Aviation has the right to change specifications without prior notice.*



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3

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1



## OPTIONAL EQUIPMENT

- Video tracked control system
- Live navigation tracking
- Add on Long Arm up to 6 meter length
- Hot climate package



# FEATURES

## 1

### Nozzle Traversing Module

- Automatic height adjustment of the rotor motor
- Width-2500mm
- Rotor disc diameter 350mm
- CE Certified

## 2

### Cabin

- Slow motion drive joystick control from driver cabin
- One man operation
- Computerized speed pressure synchronization

## 3

### Diesel Power Pack

- 2500 bar, High pressure pump
- Flow rate, up to 52 l/min
- Up to 345 KW, Industrial engine

## 4

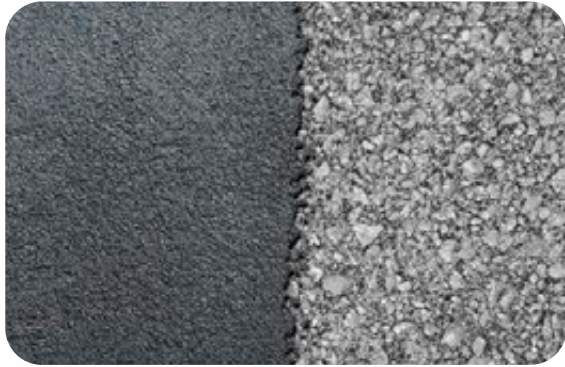
### Tank

- Vacuum tank, up to 11,000 liters
- Fresh water tank, over 10,000 liters
- Tiltable vacuum tank





# APPLICATION



## Asphalt runway

**Before (left) and after (right) cleaning:**

- No damage to the surface
- Significantly higher friction values

## Concrete runway

**After rubber removal:**

- Cleaning process is gentle to the surface
- No damage to joint seals



## Centre light on concrete runway

**After cleaning:**

- No damage to prisms or seals





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