

# AUTOMATIC BOGIE CLEANING PLANT



We offer Complete Bogie cleaning plant (Rail feed Type) for Locomotive, Passenger & Transit Car (wagon) Bogies on turnkey basis with complete Automatic process which removes all kinds of exterior contaminations in the bogies that includes primary & secondary coil spring, axle box, wheel sets and all other accessories in the Bogie shop



**ULTRAMAX HYDROJET PVT. LTD.**

## SCOPE OF MACHINE

- Process : Automated Cleaning process consisting of Spray Washing & Fresh Water Rinsing
- Customers : Railway, Passenger car , Transit car, Metros & Passenger car Rebuilt plants
- Work piece : Bogies of all sizes, passenger car, Transit car , Metros (with Traction motor & without Traction Motor)
- Application : Cleaning of Bogies prior to inspection/Rebuild
- Cleanliness : Meets the cleanliness specifications as per customer requirements
- Productivity : Cleans up to 8 to 12 bogies @ 8 hrs shift operation

## KEY FEATURES OF MACHINE

- Standard Recirculated wash solution process followed by Fresh water Rinse (or) Recirculated rinse.
- Large Tank capacity for wash solution to increase the time change over of washing solution & to reduce solution foaming
- High pressure & high volume pump which covers entire parts of bogie by washing solution effectively
- High capacity Automated loading & unloading mechanism for handling the bogies in & out of the washing spray cabinet
- Automatic motorized doors on both sides of the cabinet for smooth operation
- Construction of solution tank & spray cabinet by corrosion resistant material of Stainless steel (SS 304)
- Exhaust blower is provided to exhaust the vapor /fumes from the cabinet inside during operation
- Washing cabinet & tanks are insulated to minimize the heat loss
- Automatic sludge removal system to remove the sludge accumulating in the wash tanks regularly which increases the tank cleanout extended life
- Automatic oil separator to remove the oil suspended particles from wash solution tank to extends solution life
- Trolley will be provided for handling the bogie frame & bogie components for cleaning
- Heating of wash solution choice by Electric, steam, Gas or hot water by choice of customer



## ULTRAMAX HYDROJET PVT. LTD.

AN ISO 9001:2015 COMPANY

AC-31/4A, 6th Main Road, SIDCO  
Industrial Estate, Thirumudivakkam,  
Chennai - 600 044, Tamil Nadu, India.

Phone : +91 44 4285 2262 / 2264

Mobile : +91 8903335096 / +91 94441 30593

Email : [marketing@hydrojet.co.in](mailto:marketing@hydrojet.co.in)

Web : [www.hydrojet.co.in](http://www.hydrojet.co.in)

