

# RAIL WHEELSET WASHING PLANT



We offer Complete rail wheel set washing plant with Automatic process which removes all kinds of grease and all other contaminations such as brake dust, soiling encrustation etc in the locomotive car wheel sets



**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 : wheel set of all sizes, passenger car, Transit car, Metros
- Application : Cleaning of wheel set prior to inspection/Rebuild
- Cleanliness : Meets the cleanliness specifications as per customer requirements
- Productivity : Cleans up to 40 wheel set @ 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 changeover of washing solution & to reduce solution foaming
- High pressure & high volume pump which covers entire parts of wheel set by washing solution effectively
- Automated loading & unloading mechanism for handling the wheel set 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
- Heating of wash solution choice by Electric, steam, Gas or hot water by choice of customer



**BEFORE CLEANING**



**AFTER CLEANING**

### ULTRAMAX HYDROJET PVT. LTD.

AN ISO 9001:2015 COMPANY

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