



## MOTORISED WHEEL BLOCK SYSTEM



**GANDHI**  
Automations Pvt Ltd

India's **No.1** Entrance Automation & Loading Bay Equipment Company

# Motorised Wheel Block System



Example of early vehicle departure

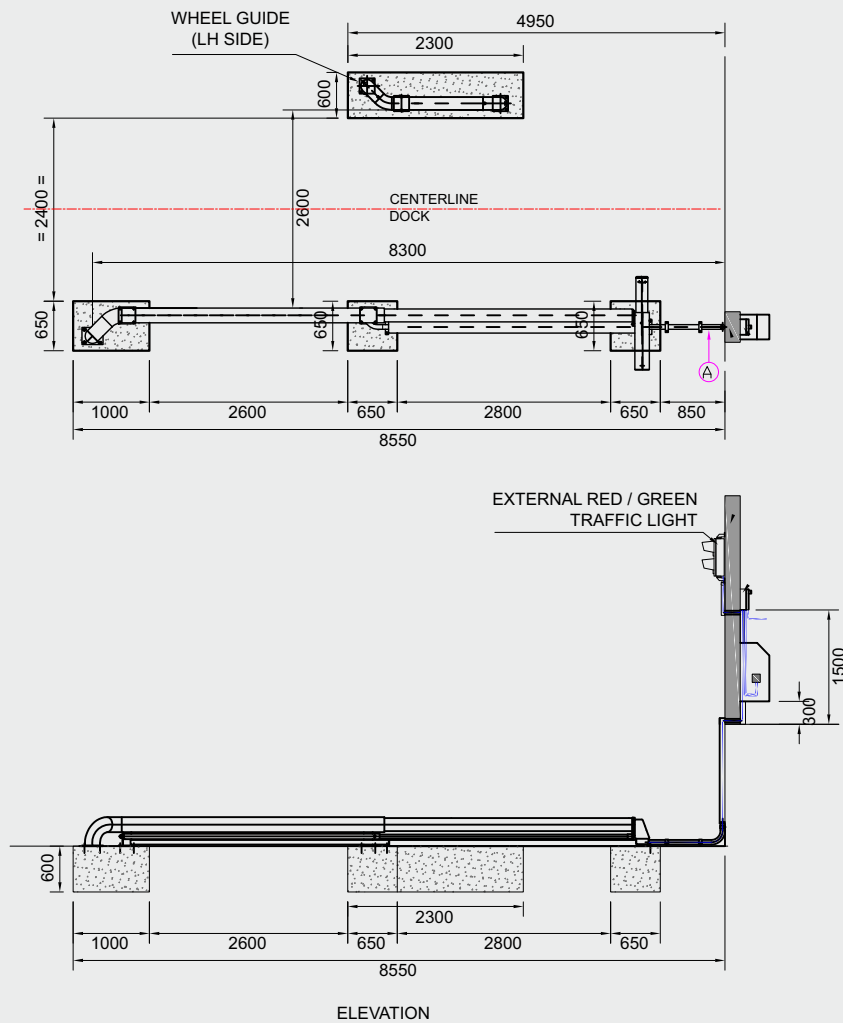


An integral sensor in the wheel block accurately determines the position of the rearmost wheel, where upon the wheel block is automatically extended and the wheel is restrained.

The most sophisticated electrical hydraulic technology, operated via PLC and is controlled using a button on the control panel in the building. An integral sensor in the wheel block accurately determines the position of the rear most wheel, whereupon the wheel block is automatically extended and the wheel is restrained. The restraint process occurs in approx. 30 seconds regardless of the size and position of the wheel.

- The wheel block applies constant pressure against the wheel to prevent the vehicle from creeping forwards.
- Integrated wheel guides.
- Complete electrical hydraulic operation controlled via PLC.
- An acoustic alarm and warning lights are in being positioned.
- In addition; an external red/green traffic light ensures clear communication.
- Emergency release possible at all times.

Diagram



Gandhi Automations standard Motorised Wheel Block System is suitable for all types and size of trailer and trucks. Different types of wheel guides are available. These wheel guides will guide the vehicle for the perfect parking. This makes the Wheel Block a system which is extremely versatile. And it is easy to install on the ground.



Traffic Light



Wheel Guides



Acoustic Alarm

Wheel guides are hot dipped galvanized steel guides consisting of two round shaped pipes. Fixed on court pavement to grant perfect docking. While the wheel block is in operation the warning lights and alarms are in constant working.

The external red/green traffic light ensures clear indication. Once the wheel block's operation is done traffic light will become green and the driver will get the indication to move the vehicle.



**STAR EXPORT HOUSE**  
(Government of India Recognised)



Gandhi Automations operates a policy of continuous development and reserves the right to make technical modifications / replacements without prior notice.

# GANDHI

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## India's No.1 Entrance Automation & Loading Bay Equipment Company

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