

PAT 3T

Swaraj's Patriot Series Toll Barriers are the ideal choice for heavy duty Indian toll operations. When the requirement is a combination of maintenance free operation and aesthetic looks, Patriot toll barriers fits in perfectly. Made indigenously, the Patriot Toll barriers have the following features:

FEATURES AND BENEFITS

0.6 SECONDS AND 100% DUTY CYCLE OPERATION WITH 5 MILLION MTBF

Maintenance-free torque motor ensures 100% duty cycle operation with 5 million MTBF. The torque motor is environmentally friendly, energy-saving, and maintenance-free. With 0.6 seconds opening/closing timing it is ideal for the Indian ETC toll gate operations with high traffic flow.

EASY INSTALLATION, MAINTENANCE FREE OPERATIONS & CUSTOMIZABLE COLOUR

Simple structure and no limit switch design ensures easy installation and low maintenance along with an option of customizable colour.

HEAVY-DUTY, WEATHER-PROOF AND SIMPLE-DESIGN HOUSING

The housing adapts pre-galvanized sheets which has been subjected to seven tank powder coating to ensure 100% corrosion-free operation. Full stainless body/aluminum body with SS base plate is available on request.

SLOW START AND SLOW STOP

The boom arm moves from slow to fast when it starts, and fast to slow when it stops. This effectively reduces the shaking of the boom arm and reduces the burden to the electrical motor, and ensuring higher longevity of the barrier.

ANTI-COLLISION (SWING AWAY MECHANISM) PROTECTS BOOM ARM

Anti-collision mechanism protects the boom arm from damage once a vehicle collides with the arm, thereby saving it from damage.

ACCESS CONTROL INTEGRATION

The barrier is capable of being integrated with any access control namely coded cards /tokens /remote control/push buttons/computers/loop detector.



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NORTH AMERICA

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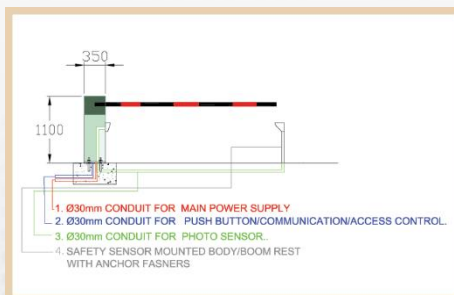
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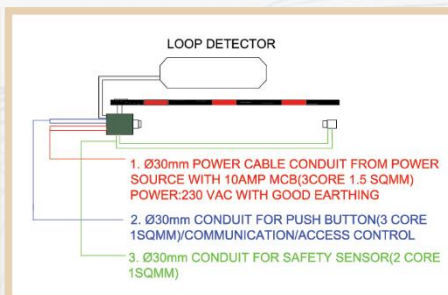
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SPECIFICATION

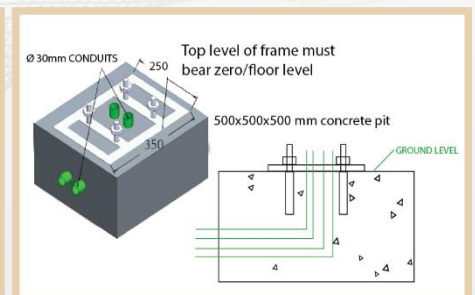
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|----------------------------|---|
| MODEL NO. | PAT 3T |
| POWER INPUT | AC 220-230V, 50/60 Hz |
| POWER CONSUMPTION | 250W |
| MOTOR | 36V DC - BRUSHLESS MOTOR |
| OPENING / CLOSING SPEED | 0.6 SECONDS |
| MAXIMUM BOOM LENGTH | UP TO 3 METERS WITH SWING AWAY MECHANISM |
| ARM | ALUMINIUM ALLOY WITH RED REFLECTIVE BANDS |
| HOUSING | PRE-GALVANIZED MILD STEEL BODY |
| HOUSING DIMENSION | 360mm × 300mm × 1090mm |
| OPERATIVE OPTIONS | REMOTE CONTROL / PUSH BUTTON / ACCESS CONTROL |
| IP RATING | IP67 |
| SAFETY FEATURES (OPTIONAL) | PHOTOCELL EYE FOR HUMAN SAFETY, LOOP DETECTOR FOR VEHICULAR SAFETY WARNING / TRAFFIC LIGHTS |
| GROSS WEIGHT | 55 KG |
| OPERATING TEMPERATURE | -25 DEGREE CELSIUS TO +60 DEGREE CELSIUS |
| HUMIDITY | 5%-95% |
| DUTY CYCLE | 100% (CAPABLE OF CONTINUOUS FULL DAY OPERATION) |
| MTBF | 5 MILLION OPERATIONS |



CIVIL PROVISIONS



ELECTRICAL PROVISIONS



FOUNDATION FRAME

“PROUDLY MADE IN INDIA”

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