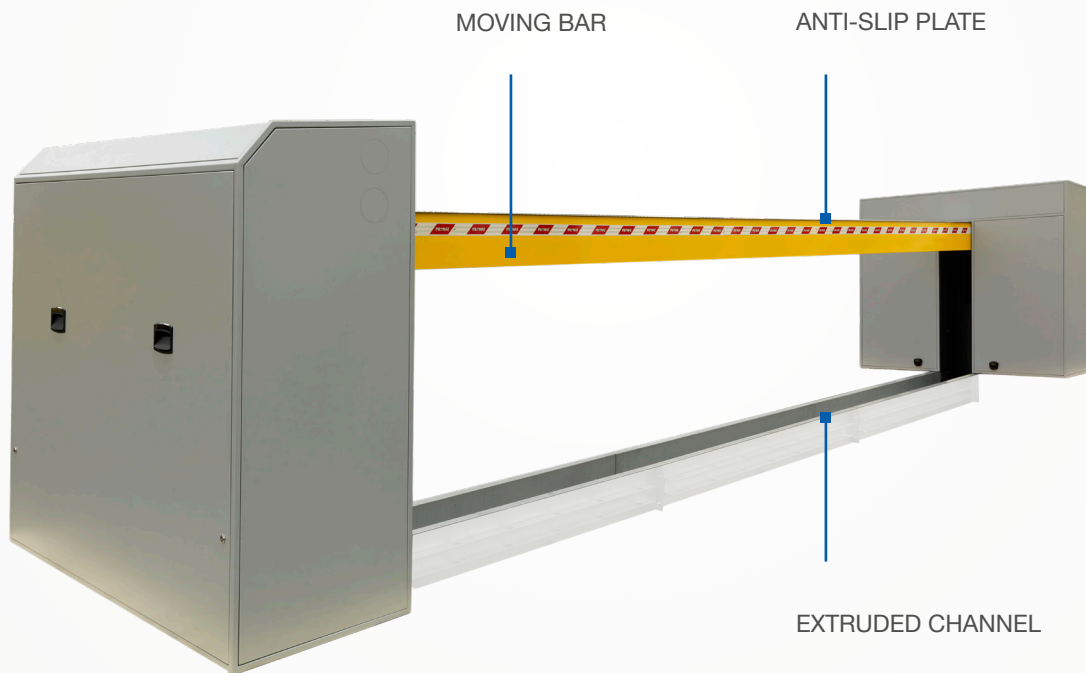


Motorized barriers with vertical movement, called BARRIER, have a considerable mechanical strength to meet the highest anti-terrorism security because they are designed to resist to a breakout of a truck having a weight of 6.800kg which impacts at 80km/h (according to legislation uSA SD-STD-02.01 - today ASTM F2656-07).

Current models are the result of our 40 years' experience in the security field and in excess of 20 years in the specific design and manufacture of bollards.

GENERAL FEATURES

- **Hydraulic movement:** the most reliable technology at all temperatures and weather conditions but especially for the intensive use;
- **Control unit equipped with PLC:** this solution ensures regular rising / lowering speed also in case of different temperature ranges.



AVAILABLE ITEMS

MULTILED LIGHTING STRIP - 30 LED POINTS/m - TWO-WAY ROAD

E.F.O. CIRCUIT FOR EMERGENCY RISING (ABOUT 2s)

DEVICE FOR MANUAL HANDLING IF POWER FAILED

HEATING RESISTANCE

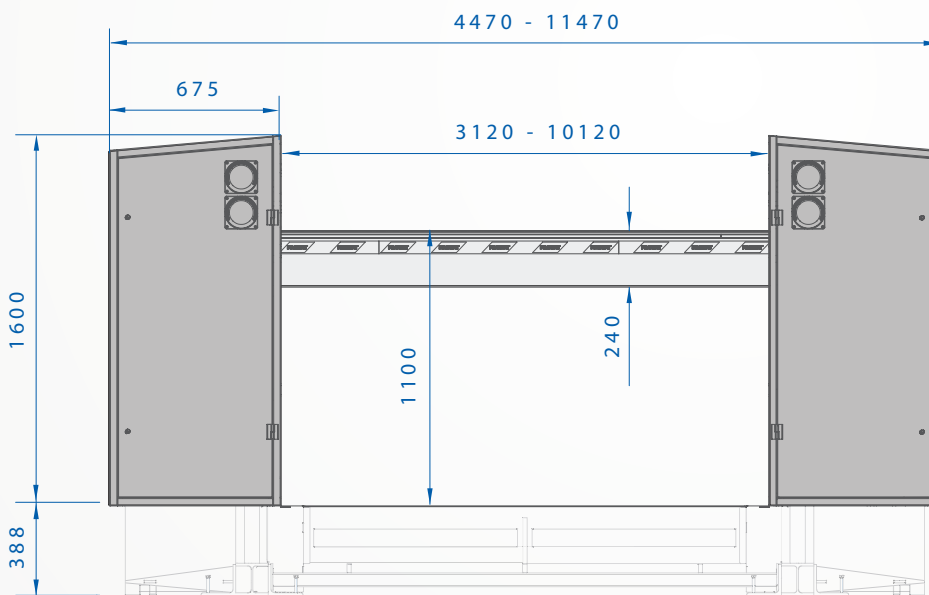
RADIO RECEIVER

RADIOTRANSMITTER TWO-CHANNEL

TRAFFIC LIGHT WITH TWO LIGHTS (GREEN-RED)

INDUCTIVE DETECTOR FOR LOOPS

INDUCTIVE LOOPS



MODEL	A	B
BARRIER 3m	3120mm	4470mm
BARRIER 4m	4120mm	5470mm
BARRIER 5m	5120mm	6470mm
BARRIER 6m	6120mm	7470mm

BARRIER



BARRIER MATERIAL	S235JR NORMAL STEEL
MOVING BARRIER HEIGHT FROM GROUND LEVEL	1.100mm
MOVING BARRIER WIDTH	3m - 4m - 5m - 6m
MOVEMENT PRINCIPLE	HYDRAULIC
RISING SPEED	15,7cm/s
LOWERING SPEED	15,7cm/s
BARRIER FINISH	ANTICORROSION TREATMENT M/ POLYESTER POWDER PAINTING COLOR: YELLOW
MOVING BARRIER UPPER FINISH	ANTI-SLIP STAINLESS STEEL PLATE
TYPE OF USE	INTENSIVE - 2.000 CYCLES/DAY
LIFE UNITS	3.000.000 CYCLES
REFLECTING ADHESIVE STRIP	STANDARD - HEIGHT 55mm
CONTROL UNIT WITH PLC TECHNOLOGY	STANDARD
E.F.O. CIRCUIT MERGYENCY RISING	STANDARD - E.F.O RISING TIME 2s
VOLTAGE FOR CONTROL UNIT	230Vac (+/- 10%) - 50/60Hz
HYDRAULIC UNIT	BUILT IN INTO THE BARRIER STRUCTURE
DEVICE FOR MANUAL HANDLING	OPTIONAL
MULTILED LIGHTING STRIP 30 LED POINT/m	OPTIONAL
BREAKOUT RESISTANCE	2.000.000 J
NOMINAL OPERATING TEMPERATURE	-40 °C +70 °C (FOR LOW TEMPERATURES SEE THE HEATING RESISTANCE)
PERFORMANCE REFERENCE ALTITUDE	≤ 1500m ABOVE SEA LEVEL

