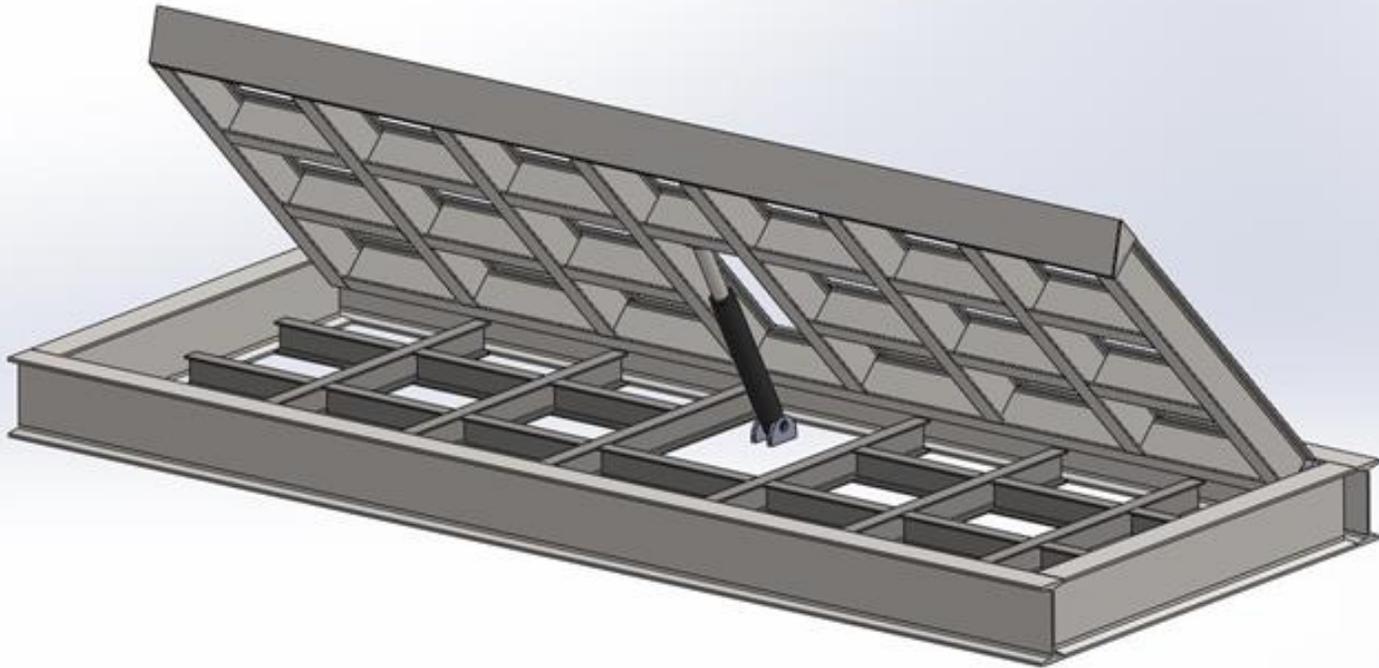


ROAD BLOCKER / MODEL FLATBLOCK



Technical information:

Hydraulic Road Blocker System

Installation type:

Shallow mount

Steel structure depth:

Approx. 200 mm

Width of blocked space:

From 2000mm to 4000mm in steps of 500mm

Other sizes on request

Height of raised obstacle (dimension H):

650 mm

PLC (Programmable Logic Controller) type:

mitsubishi PLC (service partners all over the world)

PLC (Programmable Logic Controller) location: In steel case up to 7 meter away from road blocker



File ver. 5, revised 25.01.2018

ROAD BLOCKER

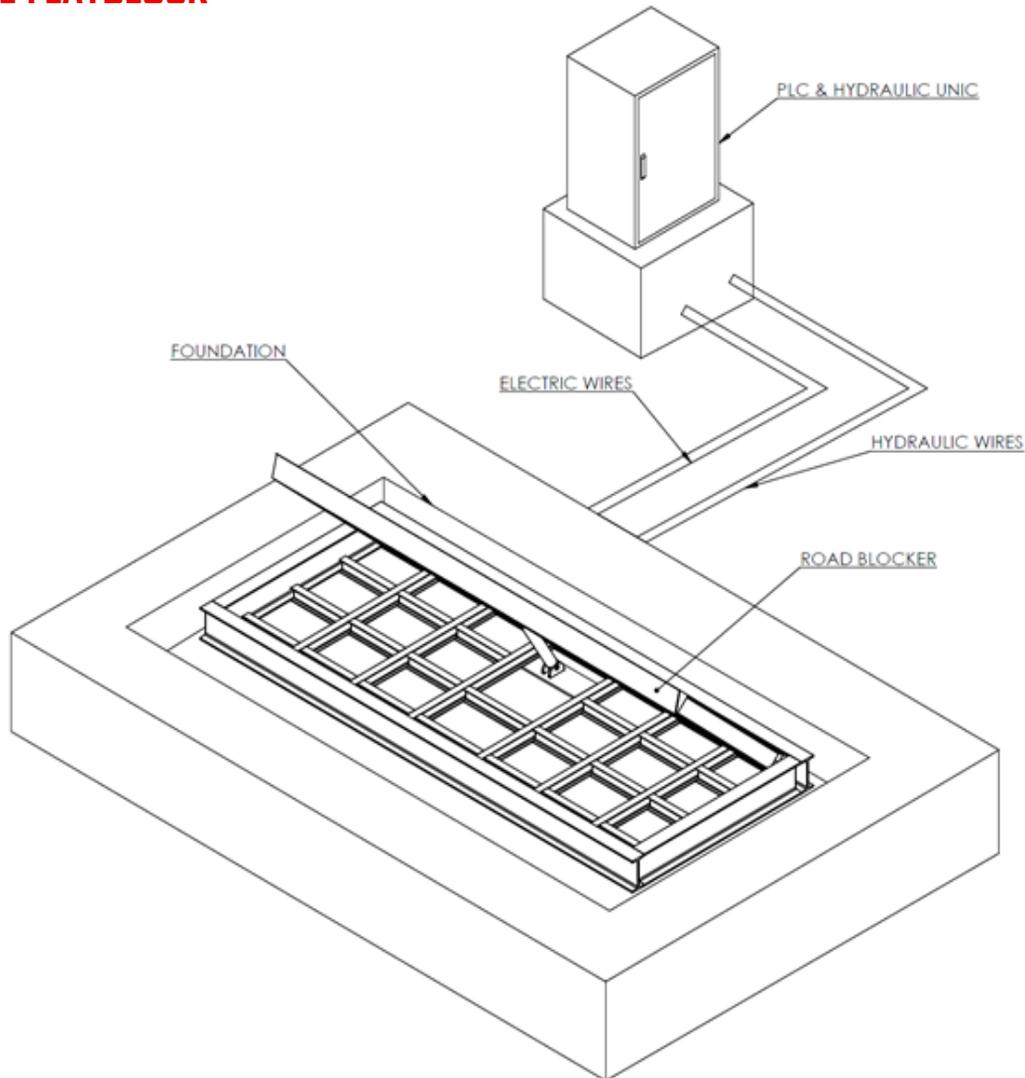
MODEL FLATBLOCK

Technical information:

| | |
|-------------------------------|---|
| Electro-hydraulic drive unit: | In external cabinet up to 7 meter away from road blocker. A lockable weather resistant enclosure/cabinet is provided for the HPU. The design provides easy access to HPU for maintenance and emergency operations of the hydraulic system. Enclosure is provided in the corrosion resistant coating. Cable length : 9Mt |
| Control devices: | Pushbutton in the guard booth (OPEN / EMERGENCY STOP / CLOSE) |
| Opening time: | Approx. 5-6 seconds |
| Emergency manual opening: | By integrated hydraulic pump |
| Corrosion protection: | All steel elements hot dib galvanized acc. ISO EN 1461 |
| Electrical system protection: | IP55 |
| Power supply: | 3-phase, 50/60Hz, approx. 7.5 KW, 380V-415V |
| Warranty: | 24 months |
| Operation temperature: | From -20 to +60 degree Celsius |
| Top Cover: | Checker plates |
| Equipment: | Standard Pushbutton box control panel (UP-DOWN- STOP-EMERGENCY STOP) Safety photocells set Manual operation in case of power supply failure |
| Optional equipment: | Safety edge buffer, securing crushing points , during road blocker closing phase (available against surcharge) |

ROAD BLOCKER

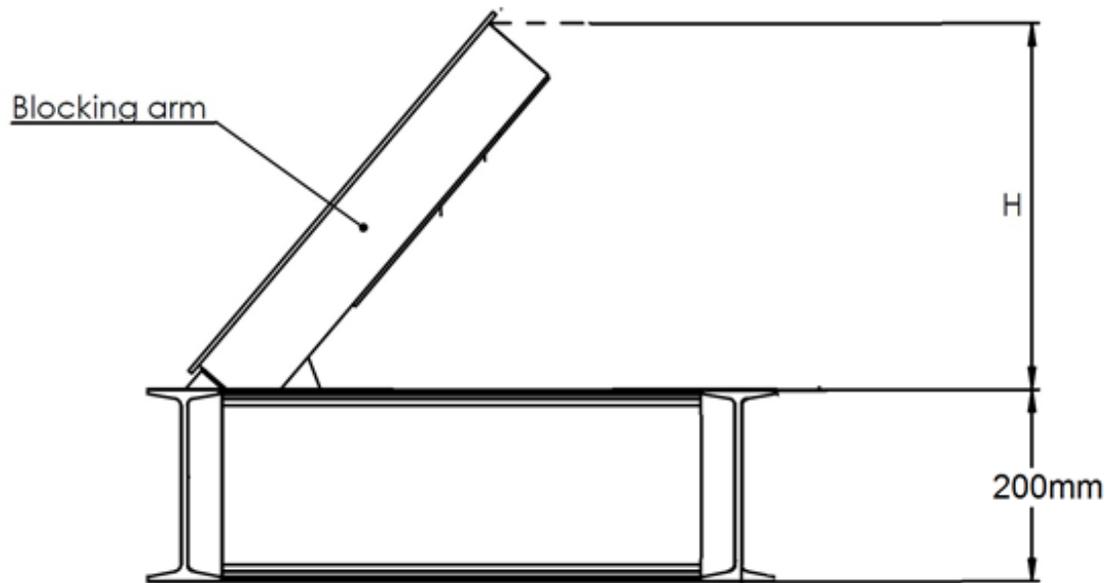
MODEL FLATBLOCK



ELEMENTS OF SYSTEM (drawing is a sample only)

ROAD BLOCKER

MODEL FLATBLOCK



The system consist of:

- ✓ Road Blocker which absorbs the impact
- ✓ Outside Cabinet with Control Box with drive unit which is to be placed up to 7 meter form the Road Blocker

Both elements of the system are connected with electrical cables and hydraulic hoses, which have to be place into the ground in round connection pipes during mechanical installation.

ROAD BLOCKER

MODEL FLATBLOCK



CONTROL CONSOLE STANDARD
(included in basic set)

CONTROL CONSOLE OPTIONAL
(available against surcharge)

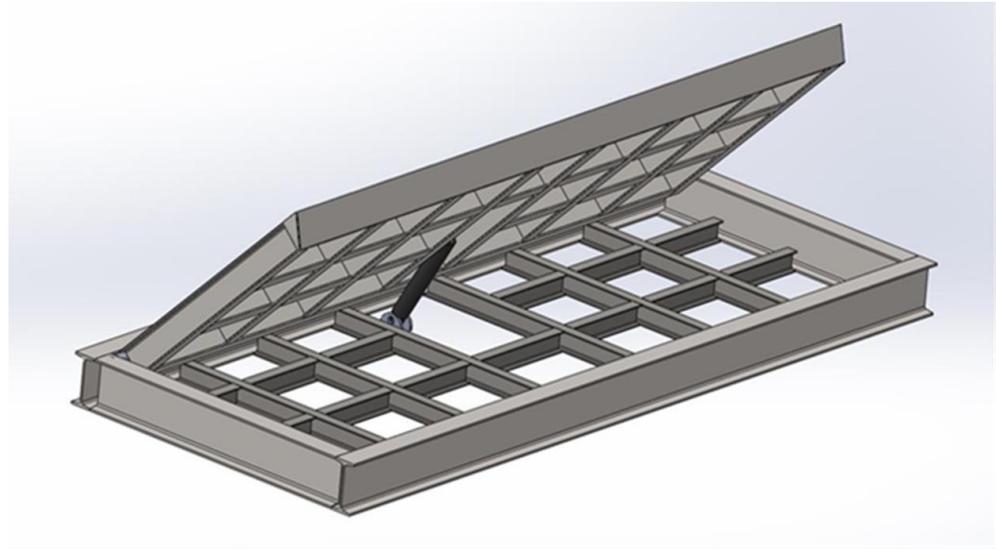


PUSHBUTTON „OPEN-STOP-CLOSE„



ROAD BLOCKER

MODEL FLATBLOCK - EXTERNAL CABINET WITH DRIVE UNIT & CONTROL UNIT



External Cabinet IP55



HPU



Internal Cabinet IP66

ROAD BLOCKER

MODEL FLATBLOCK - OPTIONAL EQUIPMENT



→ Control console



→ Proximity Card Reader



→ Hydraulic Accumulator for Emergency Fast Operations



→ UPS / Unlimited Power Supply



→ Loop Detector



→ Safety Photocells



→ LED traffic post



→ LED traffic light on separate post