

# **BUFFALO ROAD BLOCKER**



Buffalo Series Road Blocker is designed for long life operation specially to provide passing safety and control.

Durability of product has proven by the crash test which realized with 7 tonnes vehicle incoming 88 kmh speed.

Standard production length is variable from 2 M to 5 M, and movable part height can be change from 50 CM to 100 CM.

Buffalo series road blocker designed and produced as fully compliant for all kind of access control systems..

Road blocker main structure has built from S235JR quality steels, all hydraulic parts like unit, valves, locks are from unique quality brands.

#### General Informations and Standards

- T-MAG Control Card
- Single piston
- 7-8 sec operation speed
- 3/8R2 Hydraulic hoses 330 bar withstand
- Crash test certificated
- 100% heavy duty cycle
- Fully compliant for access control systems
- Safety Photocell and support
- WR100 Desktop button system
- High performance working
- Fully safe and reliable operation
- Remote control and receiver system
- 2 years warranty
- Made In Turkey







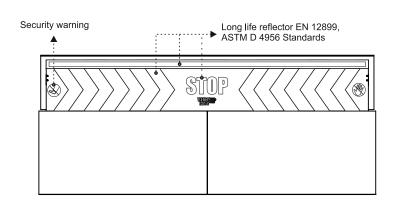


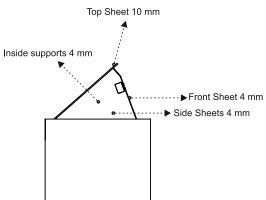




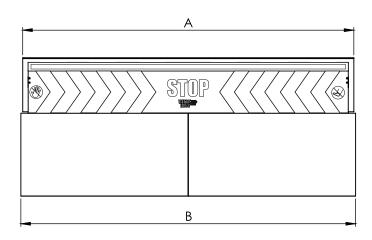
## **TECHNICAL SPECIFICATIONS**

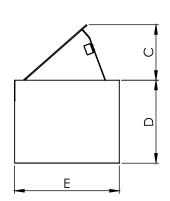
### **Product Details**





#### **Dimensions**





|     |        | LENGTH |      |      |      |      |       |      |      |      |      |       |      |      |      |      |       |      |      |      |      |       |      |      |      |      |
|-----|--------|--------|------|------|------|------|-------|------|------|------|------|-------|------|------|------|------|-------|------|------|------|------|-------|------|------|------|------|
|     |        | 2 M    |      |      | 3 M  |      |       |      | 4 M  |      |      |       | 5 M  |      |      |      | 6 M   |      |      |      |      |       |      |      |      |      |
|     |        | Α      | В    | С    | D    | Е    | Α     | В    | С    | D    | Е    | Α     | В    | С    | D    | Е    | Α     | В    | С    | D    | Е    | Α     | В    | С    | D    | Е    |
|     | 50 cm  |        | 2148 | 500  | 760  | 1054 |       | 3148 | 500  | 760  | 1054 |       | 4148 | 500  | 760  | 1054 |       | 5148 | 500  | 760  | 1054 |       | 6148 | 500  | 760  | 1054 |
| G   | 60 cm  |        | 2148 | 600  | 860  | 1194 |       | 3148 | 600  | 860  | 1194 |       | 4148 | 600  | 860  | 1194 |       | 5148 | 600  | 860  | 1194 |       | 6148 | 600  | 860  | 1194 |
|     | 70 cm  | 2000   | 2148 | 700  | 960  | 1334 | 3000  | 3148 | 700  | 960  | 1334 | 4000  | 4148 | 700  | 960  | 1334 | 5000  | 5148 | 700  | 960  | 1334 | 6000  | 6148 | 700  | 960  | 1334 |
| l H | 80 cm  | 2000   | 2148 | 800  | 1060 | 1474 | 13000 | 3148 | 800  | 1060 | 1474 | 14000 | 4148 | 800  | 1060 | 1474 | 15000 | 5148 | 800  | 1060 | 1474 | 16000 | 6148 | 800  | 1060 | 1474 |
| 0   | 90 cm  |        | 2148 | 900  | 1160 | 1614 | H     | 3148 | 900  | 1160 | 1614 | H     | 4148 | 900  | 1160 | 1614 |       | 5148 | 900  | 1160 | 1614 | H I   | 6148 | 900  | 1160 | 1614 |
|     | 100 cm |        | 2148 | 1000 | 1260 | 1754 |       | 3148 | 1000 | 1260 | 1754 |       | 4148 | 1000 | 1260 | 1754 |       | 5148 | 1000 | 1260 | 1754 |       | 6148 | 1000 | 1260 | 1754 |



## **TECHNICAL SPECIFICATIONS**

Buffalo Series Road Blocker destroyed the 7000 kg truck, which is incoming 88 kmh speed, as completely unusable state and didn't allow passing, therefore it has proved 100% Safety by the K12 crash test certification.













### **Technical Datasheet**

| Length 2 mt 3 mt 4 mt 5 mt  Movable Part S235JR quality sheet – Upper sheet 10mm / Front sheet 4mm / Inner enforcements 4mm  Working System Hydraulic Power Supply 380 V 3 Phases 50/60 Hz  Control Card T-MAG Control Card  Current 3,8 A 5,15 A  Motor Power 1,5 KW 2,2 KW  IP Standard 54  Number of piston Single Piston  Opening Time 7-8 sec  Duty Cycle 100%  Lift power 900 Kg 1800 Kg  Limit Switch Type Adjustable engine working period  Working Pressure Min None  Manual Opening Manual Closing Optional Handle Pump  Hydraulic Oil Type 32 or 46 number hydraulic oil  Warning Light Power Solar Red Led assembled on side ironsheets  Hydraulic Ose Optional  Working Temperature -20°C min +70°C max  Accumulator Supply Figure 100 A  | Туре                 | BUFFALO SERIES   |                     |         |        |  |  |  |  |  |  |
|--|----------------------|--|---------------------|---------|--------|--|--|--|--|--|--|
| Movable Part  S235JR quality sheet - Upper sheet 10mm / Front sheet 4mm / Inner enforcements 4mm Working System  Power Supply  Control Card  T-MAG Control Card  Current  3,8 A  5,15 A  Motor Power  1,5 KW  2,2 KW  IP Standard  Number of piston  Opening Time  7-8 sec  Duty Cycle  Lift power  Lift power  Morking Pressure Min  Working Pressure Max  Manual Opening  Manual Closing  Hydraulic  Warning Light  Power Solar Red Led assembled on side ironsheets  Hydraulic Hose  Working Temperature  Accumulator Supply  Emergency Close  Water Drainage Pump  S235JR quality sheet - Upper sheet 10mm / Front sheet 4mm / Inner enforcements 4mm  Hydraulic  Hydraulic  Hydraulic  S380 V 3 Phases 50/60 Hz  T-MAG Control Card  Single Piston  54  None  1800 Kg  18 | Model                | WBF200   | WBF300              | WBF400  | WBF500 |  |  |  |  |  |  |
| Working System         Hydraulic           Power Supply         380 V 3 Phases 50/60 Hz           Control Card         T-MAG Control Card           Current         3,8 A         5,15 A           Motor Power         1,5 KW         2,2 KW           IP Standard         54           Number of piston         Single Piston           Opening Time         7-8 sec           Duty Cycle         100%           Lift power         900 Kg         1800 Kg           Limit Switch Type         Adjustable engine working period           Working Pressure Min         20 Bar           Working Pressure Max         75 Bar           Manual Opening         None           Manual Closing         Optional Handle Pump           Hydraulic Oil Type         32 or 46 number hydraulic oil           Warning Light         Power Solar Red Led assembled on side ironsheets           Hydraulic Hose         3/8 R2 330 Bar           Working Temperature         -20°C min +70°C max           Accumulator Supply         None           Emergency Close         Optional           Water Drainage Pump         Optional   | Length               | 2 mt   | 3 mt                | 4 mt    | 5 mt   |  |  |  |  |  |  |
| Power Supply Control Card T-MAG Control Card Current 3,8 A 5,15 A Motor Power 1,5 KW 2,2 KW IP Standard Number of piston Opening Time 7-8 sec Duty Cycle 100% Lift power Supply Working Pressure Min Working Pressure Max Manual Opening Manual Closing Adjustable Optional Marring Light Power Solar Red Led assembled on side ironsheets Hydraulic Hose Working Temperature Accumulator Supply Emergency Close Water Drainage Pump  T-MAG Control Card T-MAG Con | Movable Part         | S235JR quality sheet – Upper sheet 10mm / Front sheet 4mm /Side sheet 4mm / Inner enforcements 4mm |                     |         |        |  |  |  |  |  |  |
| Control Card  Current  3,8 A  5,15 A  Motor Power  1,5 KW  2,2 KW  IP Standard  Number of piston  Opening Time  7-8 sec  Duty Cycle  Lift power  Morking Pressure Min  Working Pressure Max  Manual Opening  Manual Closing  Manual Closing  Hydraulic Oil Type  Warning Light  Power Solar Red Led assembled on side ironsheets  Hydraulic Hose  Working Temperature  Accumulator Supply  Emergency Close  Water Drainage Pump  T,5 KW  2,2 K | Working System       | Hydraulic  |                     |         |        |  |  |  |  |  |  |
| Current 3,8 A 5,15 A  Motor Power 1,5 KW 2,2 KW  IP Standard 54  Number of piston Single Piston Opening Time 7-8 sec  Duty Cycle 100%  Lift power 900 Kg 1800 Kg  Limit Switch Type Adjustable engine working period Working Pressure Min 20 Bar  Working Pressure Max 75 Bar  Manual Opening None  Manual Closing Optional Handle Pump  Hydraulic Oil Type 32 or 46 number hydraulic oil Warning Light Power Solar Red Led assembled on side ironsheets Hydraulic Hose 3/8 R2 330 Bar  Working Temperature -20°C min +70°C max  Accumulator Supply None  Emergency Close Optional Water Drainage Pump Optional  | Power Supply         | 380 V 3 Phases 50/60 Hz  |                     |         |        |  |  |  |  |  |  |
| Motor Power  IP Standard  Number of piston  Opening Time  Opening Time  Duty Cycle  Lift power  Solow May 1800 Kg  Limit Switch Type  Adjustable engine working period  Working Pressure Min  Working Pressure Max  Manual Opening  Manual Closing  Working Pressure Max  Acumulator Supply  Emergency Close  Working Temperature  Optional  None  1,5 KW  2,2 KW  480  Adjustable Piston  Adjustable engine working period  Adjustable engine  Adjustable engi | Control Card         | T-MAG Control Card   |                     |         |        |  |  |  |  |  |  |
| IP Standard  Number of piston  Opening Time  7-8 sec  Duty Cycle  Lift power  Lift power  Morking Pressure Min  Working Pressure Max  Manual Opening  Manual Closing  Manual Closing  Manual Closing  More Manual Closing   | Current              | 3,8  | 3 A                 |         | 5,15 A |  |  |  |  |  |  |
| Number of piston  Opening Time  7-8 sec  Duty Cycle  Lift power  Single Piston  7-8 sec  100%  Lift power  900 Kg  Adjustable engine working period  Working Pressure Min  Working Pressure Max  75 Bar  Manual Opening  None  Manual Closing  Optional Handle Pump  Hydraulic Oil Type  32 or 46 number hydraulic oil  Warning Light  Power Solar Red Led assembled on side ironsheets  Hydraulic Hose  3/8 R2 330 Bar  Working Temperature  Accumulator Supply  Emergency Close  Optional  Water Drainage Pump  Optional   | Motor Power          | 1,5  | KW                  |         | 2,2 KW |  |  |  |  |  |  |
| Opening Time Duty Cycle Lift power Solar Red Led assembled on side ironsheets Hydraulic Hose Working Temperature Optional Water Drainage Pump Optional   | IP Standard          | 54   |                     |         |        |  |  |  |  |  |  |
| Duty Cycle  Lift power  Lift power  Solar Red Led assembled on side ironsheets  Hydraulic Hose  Working Temperature  Working Temperature  Working Temperature  Working Temperature  Working Temperature  Duty Cycle  100%  1800 Kg  1800 Kg  1800 Kg  1800 Kg  Adjustable engine working period  20 Bar  None  None  Potional  None  Optional  Water Drainage Pump  Optional   | Number of piston     | Single Piston  |                     |         |        |  |  |  |  |  |  |
| Lift power 900 Kg 1800 Kg  Limit Switch Type Adjustable engine working period  Working Pressure Min 20 Bar  Working Pressure Max 75 Bar  Manual Opening None  Manual Closing Optional Handle Pump  Hydraulic Oil Type 32 or 46 number hydraulic oil  Warning Light Power Solar Red Led assembled on side ironsheets  Hydraulic Hose 3/8 R2 330 Bar  Working Temperature -20°C min +70°C max  Accumulator Supply None  Emergency Close Optional  Water Drainage Pump Optional   | Opening Time         | 7-8 sec  |                     |         |        |  |  |  |  |  |  |
| Limit Switch Type  Working Pressure Min  Working Pressure Max  Manual Opening  Manual Closing  Manual Closing  Manual Closing  Marcia Cident Control C | Duty Cycle           | 100%   |                     |         |        |  |  |  |  |  |  |
| Working Pressure Min Working Pressure Max T5 Bar Manual Opening None Manual Closing Optional Handle Pump Hydraulic Oil Type 32 or 46 number hydraulic oil Power Solar Red Led assembled on side ironsheets Hydraulic Hose 3/8 R2 330 Bar Working Temperature Accumulator Supply Emergency Close Water Drainage Pump Optional   | Lift power           | 900  | ) Kg                | 1800 Kg |        |  |  |  |  |  |  |
| Working Pressure Max  Manual Opening  Manual Closing  Hydraulic Oil Type  Warning Light  Hydraulic Hose  Working Temperature  Accumulator Supply  Emergency Close  Working Pressure Max  75 Bar  None  Optional  None  75 Bar  None  Optional  None  Optional  Optional  | Limit Switch Type    | Adjustable engine working period   |                     |         |        |  |  |  |  |  |  |
| Manual Opening  Manual Closing Optional Handle Pump  Hydraulic Oil Type 32 or 46 number hydraulic oil  Warning Light Power Solar Red Led assembled on side ironsheets  Hydraulic Hose 3/8 R2 330 Bar  Working Temperature Accumulator Supply None  Emergency Close Optional  Water Drainage Pump Optional  | Working Pressure Min | 20 Bar   |                     |         |        |  |  |  |  |  |  |
| Manual Closing Optional Handle Pump  Hydraulic Oil Type 32 or 46 number hydraulic oil  Warning Light Power Solar Red Led assembled on side ironsheets  Hydraulic Hose 3/8 R2 330 Bar  Working Temperature -20°C min +70°C max  Accumulator Supply None  Emergency Close Optional  Water Drainage Pump Optional   | Working Pressure Max | 75 Bar   |                     |         |        |  |  |  |  |  |  |
| Hydraulic Oil Type  32 or 46 number hydraulic oil  Warning Light  Power Solar Red Led assembled on side ironsheets  3/8 R2 330 Bar  Working Temperature  -20°C min +70°C max  Accumulator Supply  None  Emergency Close  Optional  Water Drainage Pump  32 or 46 number hydraulic oil  Power Solar Red Led assembled on side ironsheets  No Re  -20°C min +70°C max  Optional  | Manual Opening       | None   |                     |         |        |  |  |  |  |  |  |
| Warning Light Power Solar Red Led assembled on side ironsheets  Hydraulic Hose 3/8 R2 330 Bar  Working Temperature -20°C min +70°C max  Accumulator Supply None Emergency Close Optional  Water Drainage Pump Optional   | Manual Closing       | Optional Handle Pump   |                     |         |        |  |  |  |  |  |  |
| Hydraulic Hose  3/8 R2 330 Bar  Working Temperature  -20°C min +70°C max  Accumulator Supply  None  Emergency Close  Optional  Water Drainage Pump  Optional   | Hydraulic Oil Type   | 32 or 46 number hydraulic oil  |                     |         |        |  |  |  |  |  |  |
| Working Temperature -20°C min +70°C max Accumulator Supply None Emergency Close Optional Water Drainage Pump Optional  | Warning Light        | Power Solar Red Led assembled on side ironsheets   |                     |         |        |  |  |  |  |  |  |
| Accumulator Supply  Emergency Close  Optional  Water Drainage Pump  Optional   | Hydraulic Hose       | 3/8 R2 330 Bar   |                     |         |        |  |  |  |  |  |  |
| Emergency Close Optional Water Drainage Pump Optional  | Working Temperature  |  | -20°C min +70°C max |         |        |  |  |  |  |  |  |
| Water Drainage Pump Optional   | Accumulator Supply   |  | None                |         |        |  |  |  |  |  |  |
|  | Emergency Close      | Optional   |                     |         |        |  |  |  |  |  |  |
| Crash Test Certificate Test Certificate  | Water Drainage Pump  |  | Optional            |         |        |  |  |  |  |  |  |
|  | Crash Test           | Test Certificate   |                     |         |        |  |  |  |  |  |  |

#### **Optional Extras**

- Oil Heater
- PLC Control Panel
- Automatic Water Pump

- Oil Cooler
- PLC Control Screen

Traffic Lights (red-green)

Loop Dedector

**Emergency Fast** Operation (1 sec)

Manual Hand Pump

- Traffic Lights Post
- **Checkered Plate**
- Hot Dip Galvanization

#### **ADRESS**

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