Forceful Series is made with the highest standards and designed specially for high level that can respond users all requirements.

Durability of product has proven by the crash test which realized with 7.5 tonnes vehicle incoming 88 kmh speed.

Standart production length is variable from 2 M to 5 M, and movable part height can be change from 70 CM to 120 CM.
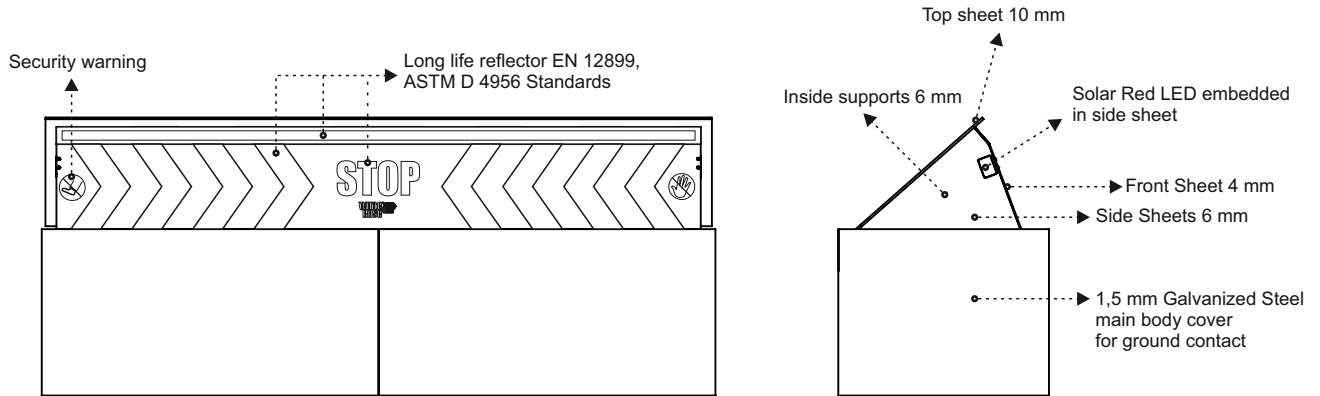
Forceful series road blocker designed and produced as fully compliant for all kind of access control systems.

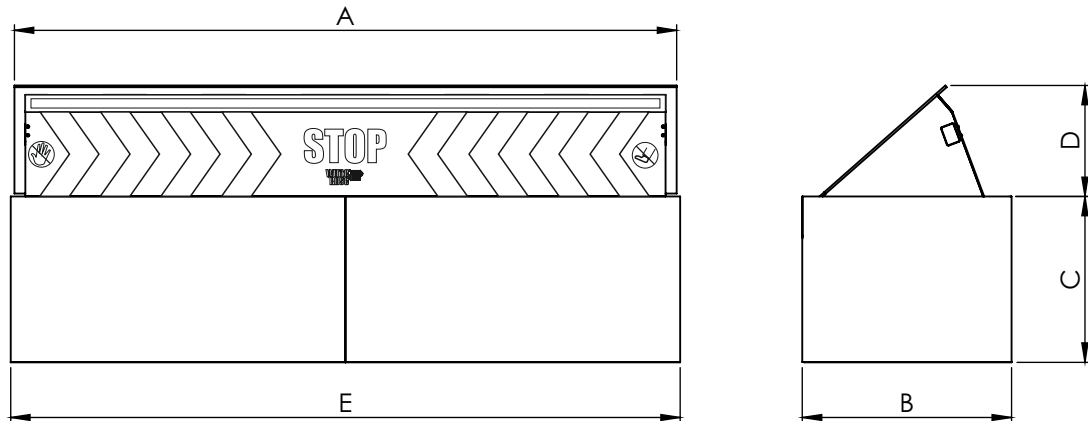Road blocker main structure has built from S235JR quality steels.

General Informations and Standards

- 12 in 8 out PLC control system
- Double piston
- 3 sec operation speed
- 2,2 KW DC motor for power cut
- Battery system for power cut
- Hand pump for manual operation
- Water pump for automatic drainage system
- 3/8R2 Hydraulic hoses 330 bar withstand
- Crash test certificated
- 100% heavy duty cycle
- Fully compliant for access control systems
- Double contact loop detector
- WR200 Desktop button system
- High performance working
- Fully safe and reliable operation
- Remote control and receiver system
- 2 years warranty

TÜV CERT
DIN EN ISO 9001:2008
Certificate Registration
No: TIC 15 100 85703

TSE-HYB

CE

Turkey
Discover the potential

WHite Rose®

Strong Barrier, Safe Passage

Product Details

Security warning

Long life reflector EN 12899, ASTM D 4956 Standards

STOP

Top sheet 10 mm

Inside supports 6 mm

Solar Red LED embedded in side sheet

Front Sheet 4 mm

Side Sheets 6 mm

1,5 mm Galvanized Steel main body cover for ground contact

Dimensions

A

STOP

D

C

E

B

		LENGTH																			
		2 M					3 M					4 M					5 M				
		A	B	C	D	E	A	B	C	D	E	A	B	C	D	E	A	B	C	D	E
RISING	50 cm		945	730	500			945	730	500			945	730	500			945	730	500	
	60 cm		1045	850	600			1045	850	600			1045	850	600			1045	850	600	
	70 cm		1145	950	700			1145	950	700			1145	950	700			1145	950	700	
	80 cm	2000	1245	1050	800	2030	3000	1245	1050	800	3030	4000	1245	1050	800	4030	5000	1245	1050	800	5030
	90 cm		1345	1150	900			1345	1150	900			1345	1150	900			1345	1150	900	
	100 cm		1445	1250	1000			1445	1250	1000			1445	1250	1000			1445	1250	1000	
	110 cm		1545	1350	1100			1545	1350	1100			1545	1350	1100			1545	1350	1100	
	120 cm		1645	1450	1200			1645	1450	1200			1645	1450	1200			1645	1450	1200	

Forceful Series Road Blocker destroyed the 7500 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 crash test certification.

Technical Datasheet

Type	FORCEFUL SERIES			
Model	WFF200	WFF300	WFF400	WFF500
Length	2 mt	3 mt	4 mt	5 mt
Movable Part	S235JR quality sheet – Upper sheet 10mm / Front sheet 4mm /Side sheet 6mm / Inner enforcements 6mm			
Working System	Hydraulic			
Power Supply	380 V 3 Phases 50/60 Hz			
Control System	12 input – 8 output PLC			
Current	15 A		21 A	
AC Motor Power	7,5 KW		11 KW	
DC Motor Power	2,2 KW			
IP Standard	54			
Number of piston	Double Piston			
Opening Time (AC Motor)	3 sn			
Opening Time (DC Motor)	Average 20 sec			
Duty Cycle	100%			
Lift power	1.750 Kg		2.750 Kg	
Limit Switch Type	Adjustable engine working period			
Working Pressure Min	30 Bar			
Working Pressure Max	180 Bar			
Manual Opening	Global Valve			
Manual Closing	Handle Pump			
Hydraulic Oil Type	32 or 46 number hydraulic oil			
Oil Tank (Lt.)	130 Lt.		200 Lt.	
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	Available			
Emergency Close	Optional 1,5 second			
Water Drainage Pump	Automatic Pump			
Crash Test	Test Certificate			
Backup - Battery Time For System	System is working 12 or 20 times in normal weather conditions			

Optional Extras

- Oil Heater
- Oil Cooler
- Emergency Fast Operation (1 sec)
- PLC Control Screen
- Traffic Lights 100 mm (red-green)
- Traffic Lights 200 mm (red-green)
- Traffic Lights Post
- Backup Battery
- Safety Photocell
- Photocell Support
- Checkered Plate
- Hot Dip Galvanization

ADRESS

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