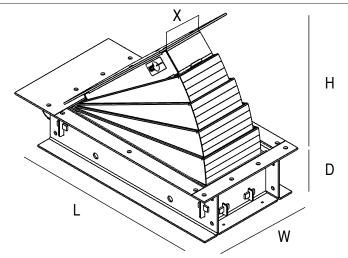
## **MRB SHLW ROAD BLOCKER**



essories to be included). rating with 24V DC in case of power failure is optionally available. / DC powered PLC control unit is placed in power unit cabinet. / DC (opt.12V DC / 220V AC) solenoids. ndard operation ~3 - 5 sec. (ascend/descend) depending on road blocker dimensions.		
DC powered PLC control unit is placed in power unit cabinet. DC (opt.12V DC / 220V AC) solenoids.		
DC (opt.12V DC / 220V AC) solenoids.		
idard operation $\sim$ 3 - 5 sec. (ascend/descend) depending on road blocker dimensions.		
Fast raise up (EFO, by optional hydraulic accumulator) ~1 - 1,5 sec. and may differ depending on number of blockers in the set and the		
ing height.		
5 - Hydraulic Power Unit (optionally electronics control unit with IP67 protection box)		
3 - Hydraulic Piston		
C / +55°C (opt30°C / +70°C)		



Product Code	Blocker Unit Width - mm (X)	Nr. of Pistons	Dimensions - mm (LxWxD)	Raising Height -mm (H)	Mounting Depth-mm
MRB 25P 60 SHLW	250	1	1420 x 705 x 290	600	290
MRB 35P 90 SHLW	350	1	1920 x 925 x 390	900	390

Axle Load Resistance	20 t		202
Hydraulic Cylinder Unit	Dust sealed hydraulic cylinder, developed for heavy duty use.		.04.
	Contains safety valve for hose bursts.		27
Hydraulic Power Unit	Strengthened industrial hydraulic pump.		۲.
and Cabinet	40 - 120 It capacity oil tank (depending on the number of blockers to be fed and		
	the raising height) with magnetic metal collector and suction filter.		1(0)
	Built-in oil level and oil temperature indicator.		15
	Standard 60 - 120 bar pressure (depending on the number of blockers to be fed,		2-0
	max. 160 bar).	A P. C.	302
	10 m R2 type (double wire braided mesh) reinforced hydraulic hose.		- 1

## **MRB SHLW ROAD BLOCKER**

## **CAME T** ÖZAK TECHNICAL SPECIFICATIONS

powder coated steel cabinet with 2 built-in lock lids (opt. stainless steel cabinet).       Cabinet Type     Width (mm)     Length (mm)     Height (mm)       Cabinet 1     940     570     970       Cabinet 2     1040     590     1285       Cabinet 3     1243     840     1285       "Suitable cabinet type is selected according to the preferred product configuration.     System     Down, up, stop, emergency inputs and external sensor inputs/outputs (e.g. loop detector, safety sensor, traffic light, remote control, etc.).       System     Down, up, stop, emergency inputs and external sensor inputs/outputs (e.g. loop detector, safety sensor, traffic light, remote control, etc.).     System stops in case of emergency as per detaults et-u pain dpossible to be lowered or raised automatically (user's preference).       Can be lowered and raised manually in case of power failure or during maintenance with manual pump and manual valve feature.     Automatic raise up mode deploys (available with optional loop detector) the roade automatically (user's preference).       Carl be lowered and raised damanually in case of power failure or during maintenance with manual pump and manual valve feature.     Automatic raise up mode deploys (available with optional loop detector) the roade automatically (user's preference).       Carl be optionally disabled.     Tree standing piston connection structure that does not put any load on the piston during vehicle passage and in case of an impact. <th></th> <th colspan="6">Interconnecting hoses in case of installations of multiple blocker units. Motor, hydraulic pump and solenoid valves are placed in an easily accessible galvanized and electrostatic</th>		Interconnecting hoses in case of installations of multiple blocker units. Motor, hydraulic pump and solenoid valves are placed in an easily accessible galvanized and electrostatic							
Cabinet Type     With (mm)     Length (mm)     Height (mm)       Cabinet 1     940     570     970       Cabinet 2     1640     560     1285       Statable cabinet by be is selected according to the preferred product configuration.     Selected according to the preferred product configuration.       System     Down, up, cap, energency, topic and external sensor inputs/cut/pits (e.up of disels), cables sensor, traffic light, remote control, etc.).     System sets in socie of energency, specification action of the observed or alterial accordination preferred or outring maintenance with manal pump and manual valve feature.       Automatic means up mode deprices (secalisity with motal loop director).     Fore standing preferred or structure Bit doce set of parts and on the packing bars preferred.       Biocker Unit     All parts are coloured with industrial paint with two components over anticorresity primer application.       Biocker Unit     Top plates petitoring bars motion or biocker and the doce runit acting the dire doce plate motion or allows are top opplication.       Biocker Unit     Top plates petitoring bars motion or biocker and the doce plate motion or allows are top opplication.       Biocker Unit     Top plates petitoring bars motion or biocker and a direct plate account with industria paint with two components over anticorresity primer application.       Biocker Unit     Top plates petitore bars motion with the occouncent tow arenotincrease primer appli									
Cabinet 2     1040     590     1285       System     "Suitable cabinet type is selected according to the preferred product configuration."     1286       System     Down, up, stop, emergency instat and external sensor inguistrulupts (e.g. loop distactor, safety sensor, traffic light, remote control, etc.).       System alers with an audo signal during lowering and raising operation. A loud sitem aler in case of anio male during intermetery as per diselector in the resolution of the sole during maintainally (serser) proference.       Can be lowered and raised manually in case of power failure or during maintenance with manual guong and manual valve feature.       Automatic raise up mode disposing both at the top and bottom positions of the biodex runt.       Free standing ploton connection structure that does not put any load on the piston during velocitic pass and over.       Startey dorcing (flar), such as; softly sensor, loop disetor, rtri; are installed in the set and off-D, optionally hauture is activated and they can be optionally disabled.       Blocker Unit     All parts are coloured with industrial paint with two components over anticorrosive primer application.       Number parts are coloured with industrial paint with two components over anticorrosive primer application.       Mindee parts are coloured with industrial paint with two components over anticorrosive primer application.       Mindee pasts free/biole paints are coloured with industrial paint with two components over anticorrosive primer application.       Mindee pasts are col					Height (mm)				
Cabinet 3     1243     840     1285       System     Dom, up, scip, energency, inputs and elsenia areas in plus Subjections (sq. ) bood elsents, staffs sensor, traffs light, ternote control, etc.).       System alers with an audio signal during towering and raising operation. A lood stren alert in case of a insel automatically isars profermice, Can be lowered and taked manually in case of power failure or during maintenance with manual pump and manual valve feature. Automatic raise up mode depips (spatialize with optical loop detecting the main allocker after the which has passed over. Sensor concludes stopping both at the top and tool mop distors of the biodiser unit. Free standing picture is a schware as schware assess, loop detecting, etc.) are enabled in case of an impact. Safety divides (447), schware conclused with the distoration and the picture is activated and they can be opticnelly distable.       Blocker Unit     All parts are coloured with indictal piant with two components ower anticorcasive primer application. Body is structured and strengthened with U-shaped brans. Product is designed that no vehicle crassing effect can displace it aller embedded or installed in the grund. Top plates the evolution plattices of the dit og plavinated and electrostatice proveed condert.       Blocker Unit     Top plates (whice parts are coloured with HAL.1003 (within quarks schwarmings. Budge free holds minister in planting affect can displace it aller embedded or installed in the grund. Top plates within the AL.1003 (within within the average month) within the magnet.       Blocker Unit     Top plates within AL.1003 (within a wat in a schward schwarmings. Budge free tholds minister in all with two componentes over antingent fored mode surface plates in RAL		Cabinet 1	940	570	970				
"Suitable cabinet type is selected according to the preferred product configuration.     System   Down, up, stop, emergency inputs and esternal sersor inputs/outputs (e.g., loop detector, safety sensor, traffic light, remote control, etc.).     System stops in case of emergency as per default set-up and possible to be lowered or raised automacially (user's preference).     Can be lowered and reals enangly in case of power failure or during maintenance with manual purps and manual valve feature.     Automatic raise up mode deplos (similable with optional loop detector) the road blocker after the vehicle has passed over.     Sensor controlled stopping both at the top and bottom positions of the blocker unit.     Free standing pison contention structure that does not put any load on the piston during vehicle passage and in case of an impact.     Safety devices (f any, such as; safety sensor, loop detector, reb are enabled in case fast raise up (FfO, optional) feature is activated and they can be optionally divided.     Biocker Unit   All parts are colored with industrial paint with two components over anticorrosise primer application.     Mortar parts are colored with industrial paint with two components over anticorrosise primer application.     Mortar parts are colored with RAL-1003 yellow (impact auricae yellow-thock) and field raid surface.     The mark structure and with industrial paint with two components over anticorrosise primer application.     Moving parts are colored with RAL-1003 yellow (impact auricae yellow-thock) and field rond surface.     The mark thoo thas		Cabinet 2	1040	590	1285				
"Suitable cabinet type is selected according to the preferred product configuration.     System   Down, up, stop, emergency inputs and esternal sersor inputs/outputs (e.g., loop detector, safety sensor, traffic light, remote control, etc.).     System stops in case of emergency as per default set-up and possible to be lowered or raised automacially (user's preference).     Can be lowered and reals enangly in case of power failure or during maintenance with manual purps and manual valve feature.     Automatic raise up mode deplos (similable with optional loop detector) the road blocker after the vehicle has passed over.     Sensor controlled stopping both at the top and bottom positions of the blocker unit.     Free standing pison contention structure that does not put any load on the piston during vehicle passage and in case of an impact.     Safety devices (f any, such as; safety sensor, loop detector, reb are enabled in case fast raise up (FfO, optional) feature is activated and they can be optionally divided.     Biocker Unit   All parts are colored with industrial paint with two components over anticorrosise primer application.     Mortar parts are colored with industrial paint with two components over anticorrosise primer application.     Mortar parts are colored with RAL-1003 yellow (impact auricae yellow-thock) and field raid surface.     The mark structure and with industrial paint with two components over anticorrosise primer application.     Moving parts are colored with RAL-1003 yellow (impact auricae yellow-thock) and field rond surface.     The mark thoo thas		Cabinet 3	1243	840	1285				
System     Down, up, stor, energency inputs and external server inputs/outputs (e.g., loop detector, selfs years, traffic light, emote control, etc.).       System ators in case or demograncy as per ofault set-up and possible to be lowned or raked automatically (user's preference).     Can be lowned and raked manually in case of power failure or during maintenance with manual wave feature.       Automatic rake up mode depois, sivailable with phonal loop detector, atch are with manual wave feature.     Automatic rake up mode depois, sivailable with phonal loop detector, atch are up the which has passed over.       Series controlled stopping both at the top and bottom positions of the blocker unit.     Free standing piston connection structure that does not put any load on the piston during (weintice passage and in case of an impact.       Safety devices (f any, such as; safety series, loop detector, atch are enabled in case fast raise up (EFO, optional) feature is activated and they can be optionally disabled.       Blocker Unit     All parts are coloured with U-shaced beams.       Product is designed that no vehicle crashing effect can displace it after embedded or installed in to the ground.       Blocker Unit     Top pates (which pass through surfact) surfact with mituative pass through surfact (mature and surface patient).       Blocker Unit     Top pates when the vehicle pass are used and with the stand and the constalled in to the ground.       Blocker Unit     Edit pass through surfact (mature and surface patient).       Blocker Unit     Top pates brough surfact (mature and									
System alerts with an audic signal during lowering and misling operation. A load stren alert in creat alern or emergency.     System signs in case of emergency as per default set-up and possible to be lowered or raised automatically (user's performance). Can be lowered and raised manually in case of power failure or during maintenance with manual pump and manual valve feature.     Automatic raise up mode deploys (evailable with optional) cop detectory the road blocker after the vehicle has passed over.     Sensor controlled stopping both at the top and bottom positions of the blocker unit.     Free standing piston connection structure that does not pot any load on the piston during vehicle passage and in case of an impact.     Safety dovices (if any, such as, safety sensor, loop detector, etc) are enabled in case fast raise up (EFO, optional) feature is activated and they can be optionarily disable.     (Indeerground Unit)   Body is structure and the transmed hand the structure between the constraing offect can displace 1 after embedded or installed in to the ground.     Blocker Unit (Underground Unit)   Top pates (vehicle pass through surface) are hold to galvanised and electorstatic power construct.     Mindee Tables (vehicle pass through surface) are hold to galvanised and electorstatic power constructure.     Mindee Tables (vehicle pass through surface) are hold to galvanised and electorstatic power constructure.     Mindee Tables (vehicle pass through surface) are hold to galvanised and electorstatic power constructure.     Mindee Tables (Vehicle pass through surface) are hold to galvanised.     M	System				ector. safetv sensor. traffic light. re	mote control, etc.).			
Can be lowered and naised manually in case of power failure or during maintenance with manual pump and manual valve feature.     Automatic raise up mode deploys (available with optional loop detector) the read blocker after the vehicle has passed over.     Sensor controlled stopping both at the top and battom positions of the blocker unit.     Free standing piston connection structure that does not put any load on the piston during vehicle passage and in case of an impact.     Stately devices (1 any, such as; safely sensor, loop detector, etc) are enabled in case fast raise up (EFC, optional) feature is activated and they can be optionally disabled.     Winderground Unit)   All parts are coloured with industrial paint with two components over anticorrosive primer application.     Minderground Unit)   Product is designed that no vehicle crassing effect can displace it after embedded or installer in to the ground.     Blocker Unit   Top plates (vehicle pass through surface) are hold tog galvanized and electrostatic powder coated.     Moving parts are coloured with NaL 1003 yellow (impact surface yellow-black) and fixed road surface.   Ref and blocker moves up and down as bolocker unit raises with 45° angle from the ground level.     Blocker Unit   Top panets where the vehicles pass tore are made of 3 / 9 mm thick hart-din galvanized steel with thon subicity prive topingt, which are welded on the main frame with wedges for extra steergth. Impact blocker unit raises with 45° angle from the ground level.     Blocker Unit   Top panets where the undergroup out are connected with 1 set of linkages in 2 pairs of 15 mm									
Automatic raise up mode deploys (invaliable with optical loop detector) the mad blocker after the vehicle has passed over.     Sensor controlled stopping both at the top and botom positions of the blocker unit.     Free standing piston connection structure that does not put any load on the piston during vehicle passage and in case of an impact.     Safety devices (if any, such as; aslety sensor, loop detector, etc) are enabled in case fast raise up (EFO, optional) feature is activated and they can be optionally disabled.     Blocker Unit   All parts are coloured with industrial paint with two components over anticorrosive primer application.     Noring parts are coloured with industrial paint with two components over anticorrosive primer application.     Moving parts are coloured with industrial paint with two components over anticorrosive primer application.     Moving parts are coloured with industrial paint with two components over anticorrosive primer application.     Moving parts are coloured with industrial paint with two components over anticorrosive primer application.     Moving parts are coloured with industrial paint with two components over anticorrosive primer application.     Moving parts are coloured with industrial paint with two components over anticorrosive primer application.     Moving parts are coloured with industrial paint with two components over anticorrosive primer application.     Moving parts are coloured with industrial paint with two components over anticorosive primer application.     Moving parts are coloured with industrial paint with two components ove		, , , , , , , , , , , , , , , , , , , ,							
Sensor controlled stopping both at the top and bottom positions of the blocker unit.     Free standing platon connection structure that does not put any load on the platon during vehicle passage and in case of an impact.     Safety devices (if any, such as; stafety sensor, loop detector, ret) are enabled in case fast raise up (EFO, optional) teature is activated and they can be optionally disabled.     Blocker Unit   All parts are coloured with industrial paint with two components over anticorrosive primer application.     Biocker Unit   Diplates which goals are tooloured and strugthened with U-shaped beams.     Product is designed that no vehicle crassing effect can displace it after embedded or installed in to the ground.     Biocker Unit   All other parts are coloured with industrial paint with two components over anticorrosive primer application.     Moving parts are coloured with NAL 1002 yellow (impact surface yellow-black) and fixed road surface plates in RAL 9005 black. In addition, the inpact surface is finished with release in a pain structure.     Bioge free hidden hinge structure block warnings.   Budge free hidden hinge structure block warnings.     Budge free hidden hinge structure blocker warnings.   Budge free hidden hinge structure block warning subject by a 0 50 mm steel hinge at plot opint, which are welded on the main frame with wedges for exta strength. Impact blocker unit raise swith 45 angle from the ground level.     Impact blocking unit and the underground unit are cornected with 1 set of linkages in 2 pairs of 15 mm each fastened together by a stainless steel shafts of 0.30 mm diameter. <									
Free standing piston connection structure that does not put any load on the piston during vehicle passage and in case of an impact.     Safety devices (if any, such as; safety sensor, loop detector, etc) are enabled in case fast raise up (EFO, optional) feature is activated and they can be optionally disabled.     Blocker Unit   All parts are coloured with industrial paint with two components over anticorrosive primer application.     Product is designed that no vehicle cashing effect can displace it after embedded or installed in to the ground.     Blocker Unit   Top plats (vehicle pass through surface) are hot dip galvanised and electrostatic powder coated.     Moving parts are coloured with industrial paint with two components over anticorrosive primer application.     Moving parts are coloured with industrial paint with two components over anticorrosive primer application.     Moving parts are coloured with industrial paint with two components over anticorrosive primer application.     Moving parts are coloured with industrial paint with two components over anticorrosive primer application.     (Impact Blocking Unit)   All other parts are coloured with industrial paint with two components over anticorrosive primer application.     (Impact Blocking Unit)   All other parts are coloured with industrial paint with two components over anticorrosive primer application.     (Impact Blocking Unit)   All other parts are coloured with industrial allows vehicles pass over smoothy and quietly.     Top panes where the vehicles pass over are made of 8 / 9 mm thick hot-dip p		Automatic raise up mode deploys (available with optional loop detector) the road blocker after the vehicle has passed over.							
Safety devices (if any, such as; safety sensor, loop detector, etc) are enabled in case fast raise up (EFO, optional) feature is activated and they can be optionally disabled.     Blocker Unit   All parts are coloured with industrial paint with two components over anticorrosive primer application.     (Inderground Unit)   Booker Unit     Blocker Unit   Booker Joint     All other parts are coloured with industrial paint with two components over anticorrosive primer application.     Moving parts are coloured with AL 1002 yellow (inpart surface yellow-black) and fixed road surface plates in RAL 9005 black. In addition, the impact surface is finished with reflective signs and warnings.     Bulge free hidden hinge structure below the ground level allows vehicles to pass over smoothy and quietly.     Top panels where the vehicles pass over are made of 0 / 0 mm thick hot ofti galvanized set with read wided on the main frame with wedges for extra strength. Impact blocker unit raises with 45° angle from the ground level.     Impact blocking unit and the underground unit are convected with 3 est of linkages in 2 pairs of 15 mm each fastened together by a statists of 0 30 mm dinameter.     Front and side faces of the blocker unit raises with 45° angle from the ground level.     The road blocker moves up and down as ablock support by a 0 50 mm tech hist as suitable for outdoor use (potionally, 1 buttin for EPO-fast raise up.     System   A top lid integration is available for easy access to interior units for service and mainterance purposes.     Control System   A top lid in		Sensor controlled stopping both at the top and bottom positions of the blocker unit. Free standing piston connection structure that does not put any load on the piston during vehicle passage and in case of an impact. Safety devices (if any, such as; safety sensor, loop detector, etc) are enabled in case fast raise up (EFO, optional) feature is activated an							
Biocker Unit   All parts are coloured with industrial paint with to components over anticorrosive primer application.     Biocker Unit   All parts are coloured with industrial paint with to shaped beams.     Product is designed that no vehicle crashing effect can displace it after embedded or installed in to the ground.     Biocker Unit   Top plates (vehicle pass through surface) are thot (ip galvanised and electrostatic powder coated.     (impact Blocking Unit)   All other parts are coloured with industrial paint with two components over anticorrosive primer application.     Moving parts are coloured with industrial paint with two components over anticorrosive primer application.   Moving parts are coloured with industrial paint with two components over anticorrosive primer application.     Moving parts are coloured with industrial paint with two components over anticorrosive primer application.   Moving parts are coloured with industrial paint with two components over anticorrosive primer application.     Moving parts are coloured with RAL 1003 yellow (impact surface yellow-black) and fixed road surface plates in RAL 9005 black. In addition, the impact blocker on the ground level allows vehicles to pass over somothy and quietly.     Top parts ellower one up down and stop operations and 1 turiates with 45° angle from the ground level.     Impact blocking unit and the underground unit are concreted with 1 set of linkages in 2 pairs of 15 mm each fastened together by a stainless steel shafts of 0 30 mm diameter.     Front and side faces of the blocker unit are coverered with decorative telescopic panels.									
Blocker Unit   All parts are coloured with industrial paint with two components over anticorresive primer application.     Product is designed that no vehicle carshing effect can displace it after embedded or installed in to the ground.     Top plates (vehicle pass through surface) are hot dip galvanised and electrostatic powder coated.     All other parts are coloured with industrial paint with two components over anticorresive primer application.     Moving parts are coloured with RL-1003 velico (mpact surface) ellow-black) and dived or surface plates in RAL 9005 black. In addition, the impact surface is finished with reflective signs and warnings.     Buje free hidden hinge structure below the ground level allows vehicles to pass over smoothly and quietly.   Top panels where the vehicles pass over are mode of 9.0 mm tick hot-dip galvanized steel with non-skid surface.     The read blocker moves up and down as a block supported by a 0.50 mm steel hinge at pivot point, which are welded on the main frame with wedges for extra strength. Inspact blocker unit are connected with 1 set of linkages in 2 pairs of 15 mm each fastened together by a stainless steel shafts of 0.30 mm diameter.     Front and side faces of the blocker unit are convered with decorative telescopic panels.   A top in dimeterior units for service and mainterior units or service and mainterance purposes.     Control System   3 buttoms for up, down and stop operations and 1 button for emergency stop are contained in a box that is suitable for outdoor use (optionally, 1 button for FEO-fast raise up).     System stops its movement with the command from safety sensor (pt, any and loop detectors (fary),									
(Underground Unit)   Body is structured and strengthened with U-shaped beams. Product is designed that no vehicle crashing effect can displace it after embedded in its the ground.     Blocker Unit (Impact Blocking Unit)   Top plates (vehicle pass through surface) are hot dip galvanised and electrostatic powder coated. All other parts are colored with RAL 1003 yellow (impact surface yellow-black) and fixed road surface plates in RAL 9005 black. In addition, the impact surface is finished with relictive signs and warnings.     Buge free hidden hinge structure below the ground level allows whicks to pass over smoothly and quietly. Top panels where the vehicles pass over are made of 8 / 9 mm thick hot-dip galvanized steel with non-skid surface. The road blocker moves up and down as a block supported by a 0 50 mm steel hinge at pivot point, which are velded on the main frame with wedges for extra strength. Impact blocker unit are connected with 1 set of linkages in 2 pairs of 15 mm each fastened together by a stainless steel shatls of 0 30 mm diameter. Front and side faces of the blocker unit are converted with decorative telescopic panels. A top lid integration is available for easy access to interior units for service and maintenance purposes.     Control System   3 buttons for up, down and stop operations and 1 button for emergency stop are contained in a box that is suitable for outdoor use (optionally, 1 button for EFO-fast raise up). System stops its movement with the command from safety sensor (opt.) and loop detectors (opt.). Contains built-in LED indicators and 10 m cable. The system can be monitored with optional PLC with diagnostic display. Compatible with any access control system (by third parties).     Power-off Situation   Road Blocker remains in its positon in case of power-off. Optionally, can be low									
Product is designed that no vehicle crashing effect can displace it after embedded or installed in to the ground.       Biocker Unit (Impact Biocking Unit)     Top plates (vehicle pass through surface) are hot dip galvanised and electrostatic powder coated.       Moving parts are colored with NAL 1003 yellow (impact surface yellow-black) and fixed road surface plates in RAL 9005 black. In addition, the impact surface is finished with reflective signs and warnings.       Budge free hidden hinge structure below the ground level allows vehicles to pass over smoothly and quietly. Top panels where the vehicles pass over are made of 8 / 9 mm thick het-dip galvanized steel with non-skid surface. The read blocker moves up and down as a block supported by a 05 0 mm steel hinge at pivot point, which are welded on the main frame with wedges for extra strength. Impact blocker unit raises with 45° angle from the ground level. Impact blocking unit and the underground unit are connected with 1 set of linkages in 2 pairs of 15 mm each fastened together by a stainless steel shafts of 0 30 mm diameter. Front and side faces of the blocker unit are covered with decorative telescopic panels. A top lid integration is available for easy access to interior units for service and maintenance purposes.       Control System     3 buttons for up, down and stop operations and 1 button for emergency stop are contained in a box that is suitable for outdoor use (optionally, 1 button for EFO-fast raise up). System stops its useros (if any and loog detectors (fary), position and movement of the blocker and low oil level situation of the system can be monitored with optional PLC with diagnostic display. Compatible with any access control system (by third parties).       Power-off Situation     Read Blocker remains in its position in case	Blocker Unit								
Blocker Unit (Impact Blocking Unit)   Top plates (vehicle pass through surface) are hot dip galvanised and electrostatic powder coated.     All other parts are colored with industrial paint with two components over annitorrorsive primer application. Moving parts are colored with RAL 1003 yellow (impact surface yellow-black) and fixed road surface plates in RAL 9005 black. In addition, the impact surface is finished with reflective signs and warnings.     Budge free hidden hinge structure below the ground level allows vehicles pass over smoothly and quietly. Top panels where the vehicles pass over are made of 8 / 9 mm tick hot-dip galvanized steel with non-skid surface. The road blocker moves up and down as a block supported by a 0 50 mm steel hinge at pivot point, which are welded on the main frame with wedges for extra strength. Impact blocker unit raises with 45° angle from the ground level. Impact blocking unit and the underground unit are concreted with 1 set of linkages in 2 pairs of 15 mm each fastened together by a stainless steel shafts of 0 30 mm diameter.     Control System   3 buttons for up, down and stop operations and 15 button for FPO-fast raise up). System stops its movement with the command from safety sensor (opt.) and loop detectors (opt.). Contains buil-in LED indicators and 10 m cable. The system works with PLC as standard. Status of safety sensors (f any) and loop detectors (if any), position and movement of the blocker and low ed by battery pack with 24V DC motor. Sattery pack provides min. 60-100 movements when fully charged (minimum number of movements vary depending on the number of blockers in the set to be fed).     Optional Features and Accessories   Telescopic front panels, hydraulic accumulator for FPO-fast raise up , 24V DC motor in case of power hot tig galvanised steel, loop detector (cobubi	(Underground Unit)	Body is structured and strengthened with U-shaped beams.							
(Impact Blocking Unit)   All other parts are coloured with industrial paint with two components over anticorrosive primer application.     Moving parts are coloured with RAL 1003 velow (impact surface yellow-block) and fixed read surface plates in RAL 9005 black. In addition, the impact surface is finished with reflective signs and warnings.     Buge free hidden hinge structure below the ground level allows vehicles to pass over smoothy and quietly.   Top panels where the vehicles pass over are made of 8 / 9 mm thick hot-dig galvaized steel with non-skid surface. The road blocker moves up and down as a block supported by a 0 50 mm steel hinge at pivot point, which are welded on the main frame with wedges for extra strength. Impact blocker unit raises with 45° angle from the ground level.     Impact blocking unit and the underground unit are connected with 1 set of linkages in 2 pairs of 15 mm each fastened together by a stainless steel shafts of 0 30 mm diameter.     Front and side faces of the blocker unit are covered with decorative telescopic panels.     A top lid integration is available for easy access to interior units for service and maintenance purposes.     Control System   3 buttons for up, down and stop operations and 1 button for emergency stop are contained in a box that is suitable for outdoor use (optional), 1 button for EfO-fast raise up).     For ubtor with PLC as strandard.   The system works with PLC as strandard.     Status of safety sensors (fary) and loop detectors (fary), position and movement of the blocker and low oil level situation of the system can be monitored with parties).     Power-off Situation   Read Blocker remains in		Product is designed that no vehicle crashing effect can displace it after embedded or installed in to the ground.							
Moving parts are colored with RAL 1003 yellow (impact surface yellow-black) and fixed road surface plates in RAL 9005 black. In addition, the impact surface is finished with reflective signs and warnings.     Builge free hidden hinge structure below the ground level allows vehicles to pass over smoothly and quietly.     Top panels where the vehicles pass over are made of 8 / 9 mm thick hot-dip galvanized steel with non-skid surface.     The road blocker moves up and down as a block supported by a 0 50 mm steel hinge at pivot point, which are welded on the main frame with wedges for extra strength. Impact blocker unit raises with 45° angle from the ground level.     Impact blocking unit and the underground unit raie connected with 1 set of linkages in 2 pairs of 15 mm each fastened together by a stainless steel shafts of 0 30 mm diameter.     Front and side faces of the blocker unit are connected with for service and maintenance purposes.     Control System   3 buttons for up, down and stop operations and 1 button for emergency stop are contained in a box that is suitable for outdoor use (optionally, 1 button for EFO-fast raise up).     System stops its movement with the command from safety sensor (opt.) and loop detectors (opt.).   Contraits built-in LED indicators and 10 m cable.     The system works with PLC as standard.   Status of safety sensors (if any) and loop detectors (if any), position and movement of the blocker and low of blockers in the set to be fed).     Power-off Situation   Road Blocker remains in its position in case of power-off. Optionally, can be lowered or raised and lowered by battery pack with 24V DC motor. Eastery pack provides min. 60-100	Blocker Unit	Top plates (vehicle pass through surface) are hot dip galvanised and electrostatic powder coated.							
the impact surface is finished with reflective signs and warnings.     Buige free hidden hinge structure below the ground level allows vehicles to pass over smoothly and quietly.     Top panels where the vehicles pass over are made of 8 / 9 mm thick hot-dip galvanized steel with non-skid surface.     The read blocker moves up and down as a block supported by a 0 50 mm steel hinge at pivot point, which are welded on the main frame with wedges for extra strength. Impact blocker unit raises with 45° angle from the ground level.     Impact blocking unit and the underground unit are connected with 1 set of linkages in 2 pairs of 15 mm each fastened together by a stainless steel shafts of 0 30 mm diameter.     Front and side faces of the blocker unit are covered with decorative telescopic panels.     A top lid integration is available for easy access to interior units for service and maintenance purposes.     Control System   3 buttons for up, down and stop operations and 1 button for EFO-fast raise up).     System stops its movement with the command from safety sensor (opt).   Contains built-in LED indicators and 10 m cable.     The system works with PLC as standard.   Status of safety sensors (if any) and loop detectors (if any), position and movement of the blocker and low will level situation of the system can be monitored with optional PLC with diagnostic display.     Compatible with any access control system (by third parties).   Road Blocker remains in the position in case of power-off. Optionally, can be lowered or raised and lowered by battery pack with 24V DC motor. Battery pack provides min. 60-100 movements when fully charged (mi	(Impact Blocking Unit)	All other parts are coloured with industrial paint with two components over anticorrosive primer application.							
Bulge free hidden hinge structure below the ground level allows vehicles to pass over smoothly and quietly.     Top panels where the vehicles pass over are made of 8 / 9 mm thick hording galvanized steel with non-skid surface.     The road blocker moves up and down as a block supported by a 0 50 mm steel hinge at pivot point, which are welded on the main frame with wedges for extra strength. Impact blocker unit raises with 45° angle from the ground level.     Impact blocking unit and the underground unit are connected with 1 set of linkages in 2 pairs of 15 mm each fastened together by a stainless steel shafts of 0 30 mm diameter.     Front and side faces of the blocker unit are covered with decorative telescopic panels.     A top lid integration is available for easy access to interior units for service and maintenance purposes.     Solutons for up, down and stop operations and 1 button for emergency stop are contained in a box that is suitable for outdoor use (optionally, 1 button for EPO-fast raise up).     System stops its movement with the command from safety sensor (opt.) and loop detectors (opt.).     Control System     Status of safety sensors (if any) and loop detectors (if any), position and movement of the blocker and low oil level situation of the system can be monitored with optional PLC with diagnostic display.     Compatible with any access control system (by third parties).     Power-off Situation     Read Blocker remains in its position in case of power-off. Optionally, can be lowered or raised and lowered by battery pack with 24V DC motor in case of power failure (min. 60-100 movements when fully charged (mini		Moving parts are colored with RAL 1003 yellow (impact surface yellow-black) and fixed road surface plates in RAL 9005 black. In addition,							
Top panels where the vehicles pass over are made of 8 / 9 mm thick hot-dip galvanized steel with non-skid surface.     The road blocker moves up and down as a block supported by a 0 50 mm steel hinge at pivot point, which are welded on the main frame with wedges for extra strength. Impact blocking unit and the underground unit are connected with 1 set of linkages in 2 pairs of 15 mm each fastened together by a stainless steel shafts of 0 30 mm diameter.     Front and side faces of the blocker unit are covered with decorative telescopic panels.   A top lid integration is available for easy access to interior units for service and maintenance purposes.     Control System   3 buttons for up, down and stop operations and 1 button for emergency stop are contained in a box that is suitable for outdoor use (optionally, 1 button for EPO-fast raise up).     System stops its movement with the command from safety sensor (opt.) and loop detectors (opt.).   Contrains built-in LED indicators and 10 m cable.     The system works with PLC as standard.   Status of safety sensors (fl any) and loop detectors (if any), position and movement of the blocker and low oil level situation of the system can be monitored with optional PLC with diagnostic display.     Power-off Situation   Road Blocker remains in its position in case of power-off. Optionally; can be lowered or raised and lowered by battery pack with 24V DC motor. Battery pack provides min. 60-100 movements when fully charged (minimum number of movements vary depending on the number of blockers in the set to be fed).     Optional Features and Accessories   No leater (for oil tank), oil cooler, heater for electronic components, submersible pump, traffic light (0		the impact surface is finished with reflective signs and warnings.							
The read blocker moves up and down as a block supported by a Ø 50 mm steel hinge at pivot point, which are welded on the main frame with wedges for extra strength. Impact blocker unit raises with 45° angle from the ground level.     Impact blocking unit and the underground unit are connected with 1 set of linkages in 2 pairs of 15 mm each fastened together by a stainless steel shafts of Ø 30 mm diameter.     Front and side faces of the blocker unit are covered with decorative telescopic panels.     A top lid integration is available for easy access to interior units for service and maintenance purposes.     Control System   3 buttons for up, down and stop operations and 1 button for emergency stop are contained in a box that is suitable for outdoor use (optionally, 1 button for FEO-fast raise up).     System stops its movement with the command from safety sensor (opt.) and loop detectors (opt.).   Contain built-in LED indicators and 10 m cable.     The system works with PLC as standard.   Status of safety sensors (if any) and loop detectors (if any), position and movement of the blocker and low oil level situation of the system can be monitored with optional PLC with diagnostic display.     Compatible with any access control system (by third parties).     Power-off Situation   Road Blocker remains in its position in case of power-off. Optionally: can be lowered or raised and lowered by battery pack with 24V DC motor. Battery pack provides min. 60-100 movements when fully charged (minimum number of movements vary depending on the number of blockers in the set to be fed).     Optional Features and Accessories   1, oil heater (for oil tank), oil cooler, h									
with wedges for extra strength. Impact blocker unit raises with 45° angle from the ground level.     Impact blocking unit and the underground unit are connected with 1 set of linkages in 2 pairs of 15 mm each fastened together by a stainless steel shafts of 0 30 mm diameter.     Front and side faces of the blocker unit are covered with decorative telescopic panels.     A top lid integration is available for easy access to interior units for service and maintenance purposes.     3 buttons for up, down and stop operations and 1 button for emergency stop are contained in a box that is suitable for outdoor use (optionally, 1 button for EPo-fast raise up).     System stops its movement with the command from safety sensor (opt.) and loop detectors (opt.).     Contains built-in LED indicators and 10 m cable.     The system works with PLC as standard.     Status of safety sensors (if any) and loop detectors (if any), position and movement of the blocker and low oil level situation of the system can be monitored with optional PLC with diagnostic display.     Compatible with any access control system (by third parties).     Power-off Situation     Road Blocker remains in its position in case of power-off. Optionally; can be lowered or raised and lowered by battery pack with 24V DC motor. Battery pack provides min. 60-100 movements when fully charged (minimum number of movements vary depending on the number of blockers in the set to be fed).     Optional Features and Accessories   n/ in teach faster or electronic components, submersible pump, traffic light (0200/300 mm, red-green LED, electrostatic powder coated over 304 grad		Top panels where the vehicles pass over are made of 8 / 9 mm thick hot-dip galvanized steel with non-skid surface.							
Impact blocking unit and the underground unit are connected with 1 set of linkages in 2 pairs of 15 mm each fastened together by a stainless steel shafts of 0 30 mm diameter.     Front and side faces of the blocker unit are covered with decorative telescopic panels.     A top lid integration is available for easy access to interior units for service and maintenance purposes.     Control System   3 buttons for up, down and stop operations and 1 button for emergency stop are contained in a box that is suitable for outdoor use (optionally, 1 button for EFO-fast raise up).     System stops its movement with the command from safety sensor (opt.) and loop detectors (opt.).   Contains built-in LED indicators and 10 m cable.     The system works with PLC as standard.   Status of safety sensors (if any) and loop detectors (if any), position and movement of the blocker and low oil level situation of the system can be monitored with optional PLC with diagnostic display.     Compatible with any access control system (by third parties).     Power-off Situation   Road Blocker remains in its position in case of power-off. Optionally: can be lowered or raised and lowered by battery pack with 24V DC motor. Battery pack provides min. 60-100 movements when fully charged (minimum number of movements vary depending on the number of blockers in the set to be fed).     Optional Features and Accessories   ), oil heater (for oil tank), oil cooler, heater for electronic components, submersible pump, traffic light (0200/300 mm, red-green LED, electrostatic powder coated over 304 grade stainless steel body), traffic light pole (electrostatic powder coated over hot dip galvanised steel), loop detector (double									
stainless steel shafts of Ø 30 mm diameter.     Front and side faces of the blocker unit are covered with decorative telescopic panels.     A top lid integration is available for easy access to interior units for service and maintenance purposes.     3 buttons for up, down and stop operations and 1 button for emergency stop are contained in a box that is suitable for outdoor use (optionally, 1 button for EFO-fast raise up).     System stops its movement with the command from safety sensor (opt.) and loop detectors (opt.).     Control Sustem   Status of safety sensors (if any) and loop detectors (if any), position and movement of the blocker and low oil level situation of the system can be monitored with optional PLC with diagnostic display.     Compatible with any access control system (by third parties).     Power-off Situation     Road Blocker remains in its position in case of power-off. Optionally, can be lowered or raised and lowered by battery pack with 24V DC motor. Battery pack provides min. 60-100 movements when fully charged (minimum number of movements vary depending on the number of blockers in the set to be fed).     Optional Features and Accessories   Telescopic front panels, hydraulic accumulator for EFO-fast raise up , 24V DC motor in case of power failure (min. 60-100 movements ), oil heater (for oil tank), oil cooler, heater for electronic components, submersible pump, traffic light (0200/300 mm, red-green LED, electrostatic powder coated over 304 grade stainless steel body), traffic light pole (electrostatic powder coated over hot dip galvanised steel), loop detector (double contact), safety sensor (with 50 cr nheight poles). IP67 box (for PLC, SMPS, connectors et inside		with wedges for extra strength. Impact blocker unit raises with 45° angle from the ground level.							
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A top lid integration is available for easy access to interior units for service and maintenance purposes.     Control System   3 buttons for up, down and stop operations and 1 button for emergency stop are contained in a box that is suitable for outdoor use (optionally, 1 button for EFO-fast raise up). System stops its movement with the command from safety sensor (opt.) and loop detectors (opt.). Contains built-in LED indicators and 10 m cable. The system works with PLC as standard. Status of safety sensors (if any) and loop detectors (if any), position and movement of the blocker and low oil level situation of the system can be monitored with optional PLC with diagnostic display. Compatible with any access control system (by third parties).     Power-off Situation   Road Blocker remains in its position in case of power-off. Optionally: can be lowered or raised and lowered by battery pack with 24V DC motor. Battery pack provides min. 60-100 movements when fully charged (minimum number of movements vary depending on the number of blockers in the set to be fed).     Optional Features and Accessories   ), oil heater (for oil tank), oil cooler, heater for electronic components, submersible pump, traffic light (0200/300 mm, red-green LED, electrostatic powder coated over 304 grade stanless steel body), traffic light pole (electrostatic powder coated over hot dig galvanised steel), loop detector (double contact), safety sensors (with 50 cm height poles). IP67 box (for PLC, SMPS, connectors et c inside power unit), wireless remote control (receiver and transmitter), external buttons, hot dig galvanization, double effect hydraulic unit, double speed hydraulic unit, PLC with diagnostic display, front flashing indicators, oil level sensor.     Installation   Installation with C30 grade concrete and steel rebar reinforcem									
Control System   3 buttons for up, down and stop operations and 1 button for emergency stop are contained in a box that is suitable for outdoor use (optionally, 1 button for EFO-fast raise up). System stops its movement with the command from safety sensor (opt.) and loop detectors (opt.). Contains built-in LED indicators and 10 m cable. The system works with PLC as standard. Status of safety sensors (if any) and loop detectors (if any), position and movement of the blocker and low oil level situation of the system can be monitored with optional PLC with diagnostic display. Compatible with any access control system (by third parties).     Power-off Situation   Road Blocker remains in its position in case of power-off. Optionally; can be lowered or raised and lowered by battery pack with 24V DC motor. Battery pack provides min. 60-100 movements when fully charged (minimum number of movements vary depending on the number of blockers in the set to be fed).     Optional Features and Accessories   N is leaver (for oil tank), oil cooler, heater for electronic components, submersible pump, traffic light (0/200/300 mm, red-green LED, electrostatic powder coated over 304 grade stainless steel body), traffic light pole (electrostatic powder coated over hot dig galvanised steel), loop detector (double contact), safety sensors (with 50 cm height poles), IP67 box (for PLC, SMPS, connectors etc inside power unit), wireless remote control (receiver and transmitter), external buttons, hot dig galvanization works shall be carried on before pouring the concrete. Allowable bearing value of the ground shall be minimum 1/2 kg/cm <sup>2</sup> , in not, works shall be carried on to fulfil.		Front and side faces of the blo	ocker unit are covered wit	h decorative telescopic panels	3.				
for outdoor use (optionally, 1 button for EFO-fast raise up).     System stops its movement with the command from safety sensor (opt.) and loop detectors (opt.).     Contains built-in LED indicators and 10 m cable.     The system works with PLC as standard.     Status of safety sensors (if any) and loop detectors (if any), position and movement of the blocker and low oil level situation of the system can be monitored with optional PLC with diagnostic display.     Compatible with any access control system (by third parties).     Power-off Situation     Road Blocker remains in its position in case of power-off. Optionally; can be lowered or raised and lowered by battery pack with 24V DC motor. Battery pack provides min. 60-100 movements when fully charged (minimum number of movements vary depending on the number of blockers in the set to be fed).     Optional Features and Accessories   Telescopic front panels, hydraulic accumulator for EFO-fast raise up , 24V DC motor in case of power failure (min. 60-100 movements and Accessories)     ), oil heater (for oil tank), oil cooler, heater for electronic components, submersible pump, traffic light (0200/300 mm, red-green LED, electrostatic powder coated over 304 grade stainless steel body), traffic light pole (electrostatic powder coated over hot dip galvanized steel), loop detector (double contact), safety sensors (with 50 cm height poles), IP67 box (for PLC, SMPS, connectors etc inside power unit), wireless remote control (receiver and transmitter), external buttons, hot dip galvanization, double effect hydraulic unit, double speed hydraulic unit, PLC with diagnostic display, front flashing indicators, oil level sensor.     Insta		A top lid integration is availab	e for easy access to inter	ior units for service and main	tenance purposes.				
System stops its movement with the command from safety sensor (opt.) and loop detectors (opt.).   Contains built-in LED indicators and 10 m cable.     The system works with PLC as standard.   Status of safety sensors (if any) and loop detectors (if any), position and movement of the blocker and low oil level situation of the system can be monitored with optional PLC with diagnostic display.   Compatible with any access control system (by third parties).     Power-off Situation   Road Blocker remains in its position in case of power-off. Optionally; can be lowered or raised and lowered by battery pack with 24V DC motor. Battery pack provides min. 60-100 movements when fully charged (minimum number of movements vary depending on the number of blockers in the set to be fed).     Optional Features and Accessories   Telescopic front panels, hydraulic accumulator for EFO-fast raise up , 24V DC motor in case of power failure (min. 60-100 movements and lowered or raised over hot dip galvanised steel), loop detector (double contact), safety sensors (with 50 cm height poles), lP67 box (for PLC, SMPS, connectors etc inside power unit), wireless remote control (receiver and transmitter), external buttons, hot dip galvanization, double effect hydraulic unit, double speed hydraulic unit, PLC with diagnostic display, front flashing indicators, oil level sensor.     Installation   Installation with C30 grade concrete and steel rebar reinforcement. Ground levelling and preparation works shall be carried on to fulfil.	Control System	3 buttons for up, down and st	op operations and 1 butto	on for emergency stop are cor	ntained in a box that is suitable				
Contains built-in LED indicators and 10 m cable. The system works with PLC as standard. Status of safety sensors (if any) and loop detectors (if any), position and movement of the blocker and low oil level situation of the system can be monitored with optional PLC with diagnostic display. Compatible with any access control system (by third parties).     Power-off Situation   Road Blocker remains in its position in case of power-off. Optionally; can be lowered or raised and lowered by battery pack with 24V DC motor. Battery pack provides min. 60-100 movements when fully charged (minimum number of movements vary depending on the number of blockers in the set to be fed).     Optional Features and Accessories   Telescopic front panels, hydraulic accumulator for EFO-fast raise up , 24V DC motor in case of power failure (min. 60-100 movements ), oil heater (for oil tank), oil cooler, heater for electronic components, submersible pump, traffic light (Ø200/300 mm, red-green LED, electrostatic powder coated over 304 grade stainless steel body), traffic light pole (electrostatic powder coated over hot dip galvanised steel), loop detector (double contact), safety sensors (with 50 cm height poles), IP67 box (for PLC, SMPS, connectors etc inside power unit), wireless remote control (receiver and transmitter), external buttons, hot dip galvanization, double effect hydraulic unit, double speed hydraulic unit, PLC with diagnostic display, front flashing indicators, oil level sensor.     Installation   Installation with C30 grade concrete and steel rebar reinforcement. Ground levelling and preparation works shall be carried on before pouring the concrete. Allowable bearing value of the ground shall be minimum 1/2 kg/cm <sup>2</sup> , if not, works shall be carried on to fulfil.		for outdoor use (optionally, 1	outton for EFO-fast raise	up).					
The system works with PLC as standard.     Status of safety sensors (if any) and loop detectors (if any), position and movement of the blocker and low oil level situation of the system can be monitored with optional PLC with diagnostic display.     Compatible with any access control system (by third parties).     Power-off Situation   Road Blocker remains in its position in case of power-off. Optionally; can be lowered or raised and lowered by battery pack with 24V DC motor. Battery pack provides min. 60-100 movements when fully charged (minimum number of movements vary depending on the number of blockers in the set to be fed).     Optional Features and Accessories   Telescopic front panels, hydraulic accumulator for EFO-fast raise up , 24V DC motor in case of power failure (min. 60-100 movements ), oil heater (for oil tank), oil cooler, heater for electronic components, submersible pump, traffic light (0200/300 mm, red-green LED, electrostatic powder coated over 304 grade stainless steel body), traffic light pole (electrostatic powder coated over hot dip galvanised steel), loop detector (double contact), safety sensors (with 50 cm height poles), IP67 box (for PLC, SMPS, connectors etc inside power unit), wireless remote control (receiver and transmitter), external buttons, hot dip galvanization, double effect hydraulic unit, double speed hydraulic unit, PLC with diagnostic display, front flashing indicators, oil level sensor.     Installation   Installation with C30 grade concrete and steel rebar reinforcement. Ground levelling and preparation works shall be carried on before pouring the concrete. Allowable bearing value of the ground shall be minimum 1/2 kg/cm², if not, works shall be carried on to fulfil.		, ,		fety sensor (opt.) and loop de	tectors (opt.).	o STOP o			
Status of safety sensors (if any) and loop detectors (if any), position and movement of the blocker and low oil level     situation of the system can be monitored with optional PLC with diagnostic display. Compatible with any access control system (by third parties).     Power-off Situation   Road Blocker remains in its position in case of power-off. Optionally; can be lowered or raised and lowered by battery pack with 24V DC motor. Battery pack provides min. 60-100 movements when fully charged (minimum number of movements vary depending on the number of blockers in the set to be fed).     Optional Features and Accessories   Telescopic front panels, hydraulic accumulator for EFO-fast raise up , 24V DC motor in case of power failure (min. 60-100 movements and Accessories ), oil heater (for oil tank), oil cooler, heater for electronic components, submersible pump, traffic light (Ø200/300 mm, red-green LED, electrostatic powder coated over 304 grade stainless steel body), traffic light pole (electrostatic powder coated over hot dip galvanised steel), loop detector (double contact), safety sensors (with 50 cm height poles), IP67 box (for PLC, SMPS, connectors etc inside power unit), wireless remote control (receiver and transmitter), external buttons, hot dip galvanization, double effect hydraulic unit, double speed hydraulic unit, PLC with diagnostic display, front flashing indicators, oil level sensor.     Installation   Installation with C30 grade concrete and steel rebar reinforcement. Ground levelling and preparation works shall be carried on before pouring the concrete. Allowable bearing value of the ground shall be minimum 1/2 kg/cm <sup>2</sup> , if not, works shall be carried on to fulfil.		Contains built-in LED indicato	rs and 10 m cable.						
situation of the system can be monitored with optional PLC with diagnostic display.   Compatible with any access control system (by third parties).     Power-off Situation   Road Blocker remains in its position in case of power-off. Optionally; can be lowered or raised and lowered by battery pack with 24V DC motor. Battery pack provides min. 60-100 movements when fully charged (minimum number of movements vary depending on the number of blockers in the set to be fed).     Optional Features   Telescopic front panels, hydraulic accumulator for EFO-fast raise up , 24V DC motor in case of power failure (min. 60-100 movements and Accessories)     ), oil heater (for oil tank), oil cooler, heater for electronic components, submersible pump, traffic light (Ø200/300 mm, red-green LED, electrostatic powder coated over 304 grade stainless steel body), traffic light pole (electrostatic powder coated over hot dip galvanised steel), loop detector (double contact), safety sensors (with 50 cm height poles), IP67 box (for PLC, SMPS, connectors etc inside power unit), wireless remote control (receiver and transmitter), external buttons, hot dip galvanization, double effect hydraulic unit, double speed hydraulic unit, PLC with diagnostic display, front flashing indicators, oil level sensor.     Installation   Installation with C30 grade concrete and steel rebar reinforcement. Ground levelling and preparation works shall be carried on before pouring the concrete. Allowable bearing value of the ground shall be minimum 1/2 kg/cm <sup>2</sup> , if not, works shall be carried on to fulfil.		-				Cero Com o			
Compatible with any access control system (by third parties).     Power-off Situation   Road Blocker remains in its position in case of power-off. Optionally; can be lowered or raised and lowered by battery pack with 24V DC motor. Battery pack provides min. 60-100 movements when fully charged (minimum number of movements vary depending on the number of blockers in the set to be fed).     Optional Features and Accessories   Telescopic front panels, hydraulic accumulator for EFO-fast raise up , 24V DC motor in case of power failure (min. 60-100 movements and Accessories), oil heater (for oil tank), oil cooler, heater for electronic components, submersible pump, traffic light (Ø200/300 mm, red-green LED, electrostatic powder coated over 304 grade stainless steel body), traffic light pole (electrostatic powder coated over hot dip galvanised steel), loop detector (double contact), safety sensors (with 50 cm height poles), IP67 box (for PLC, SMPS, connectors etc inside power unit), wireless remote control (receiver and transmitter), external buttons, hot dip galvanization, double effect hydraulic unit, double speed hydraulic unit, PLC with diagnostic display, front flashing indicators, oil level sensor.     Installation   Installation with C30 grade concrete and steel rebar reinforcement. Ground levelling and preparation works shall be carried on before pouring the concrete. Allowable bearing value of the ground shall be minimum 1/2 kg/cm <sup>2</sup> , if not, works shall be carried on to fulfil.									
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motor. Battery pack provides min. 60-100 movements when fully charged (minimum number of movements vary depending on the number of blockers in the set to be fed).     Optional Features and Accessories   Telescopic front panels, hydraulic accumulator for EFO-fast raise up , 24V DC motor in case of power failure (min. 60-100 movements ), oil heater (for oil tank), oil cooler, heater for electronic components, submersible pump, traffic light (Ø200/300 mm, red-green LED, electrostatic powder coated over 304 grade stainless steel body), traffic light pole (electrostatic powder coated over hot dip galvanised steel), loop detector (double contact), safety sensors (with 50 cm height poles), IP67 box (for PLC, SMPS, connectors etc inside power unit), wireless remote control (receiver and transmitter), external buttons, hot dip galvanization, double effect hydraulic unit, double speed hydraulic unit, PLC with diagnostic display, front flashing indicators, oil level sensor.     Installation   Installation with C30 grade concrete and steel rebar reinforcement. Ground levelling and preparation works shall be carried on before pouring the concrete. Allowable bearing value of the ground shall be minimum 1/2 kg/cm <sup>2</sup> , if not, works shall be carried on to fulfil.									
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	Installation			-					
Installation shall be done according to the manufacturer's instructions.					g/cm², if not, works shall be carri	ed on to fulfil.			
		Installation shall be done acco	nung to the manufacture						

