

## HRR-TLS



### GENERAL DESCRIPTION

Shallow Mount Telescopic Hydraulic Road blockers are designed especially for entrance points which have a threat of vehicle attack or for the ones that have high security requirements. If there is a threat of vehicle attack in addition to the control of vehicle access in high security applications, hydraulic road blockers are the unique solution and the most secure systems. Even though the attack is from high tonnage vehicles with high speeds, it's not possible for the vehicle to keep on moving because of the damage given to front, wheels and the bottom of the vehicle.

Road blocks with a block depth of only 500 mm are designed for places where deep foundation excavation is not possible.

### SYSTEM SPECIFICATIONS

MODELS	HRR-TLS
Raise and Lower Times	3-5 s
Width	2000 mm - 6000 mm
Power Failure	Manually with the help of hand pump
Material	ST 37 steel
Color	RAL1028 yellow/RAL9005black
Road Blocker Depth	500 mm
Operating Pressure	60-120 bars
Coolers or heaters	Integrated to the hydraulic power unit as an option
Control Electronics	Optima PLC controller
Keyboards	Two keyboards with emergency stop are standard; one desktop, other being integrated into the hydraulic power unit
Environmental Conditions and Power Requirement	Between -15°C and +65°C, 95% non-condensing humidity; 380V, three phase, 50-60Hz. (or 220V/440V/etc., three phase, 50-60 Hz, optional by transformer)

## SECURITY SYSTEMS | OPTIMA HRR-TLS SHALLOW MOUNT TELESCOPIC ROAD BLOCKER

### ACCESSORIES

Red/green traffic lights with steel pole *	DC motor and pump with dry batteries *
Dual vehicle safety loop detector *	It is possible to operate the system by using solar panel with DC motor *
Flashing lights in front of the road blocker *	Wrong way alarm *
Protective construction(tubular) around drive unit *	High speed alarm *
Transformer to convert the power *	Different colors *
Uninterrupted power supply (UPS) *	Submersible drainage pump *
Coolers or heaters *	Scada or any control system: It is possible to change and check the position of with touch screen control panel. *
	Optima cloud. To control gate operator by mobile devices (ios-android), computer,etc. *



(Accessories marked with (\*) are optional.)

### MAIN BODY MEASUREMENTS

