

M30 | Crash Bollard

Specifications	
Drive	By hydraulic unit
Cylinder stroke	39 in. (1000 mm)
Cylinder diameter	14 in. (355 mm)
Cylinder steel sheet thickness	5/8 in. (16 mm)
Cylinder built-in reinforcement disks	n.4 of 3/8 in. (10 mm) thickness
Cylinder material standard release	S355JR EN10210
Cylinder surface treatment	Cataphoresis and polyester powder painted
Colour	Dark grey
Head surface treatment	Anticorrosion case aluminum RAL 9006
Rising time	About 6,0 sec
Rising time with E.F.O.	About 1,5 sec
Descent time	About 2,0 sec
Hydraulic drive unit power supply	230 Vac + 6% - 10%; 50/60 Hz
Power consumption	800 W
Bollard class protection	IP 66
Work frequency	Heavy duty
Reflective strip standard height	2 ¼ in. (55 mm)
Impact resistance	150k Joules
Break in resistance	656k Joules in accordance to ASTM - M30
Walled in pit with square profile	L 23 in. x L23 in. x 59 in. (569 x D569 x H1500 mm)
Max cable length	164 ft (50 mt.)
Operating temperature	+5 F to 131 F (-15 °C / +55 °C)



Pit is made of steel sheet alloy, thickness e 2mm and frame to be welded in.
Main frame is ductile casted iron GS400, treated with cataphoresis.

Reinforcing steel bars of the foundation (they are common steel bars and wire mesh for construction work to be sourced locally), allows to bollard and its pit, the requested class resistance to comply with the ASTM standards: M30.

J355 M30 Perimeter Protection Security Bollard range:

Part Number	Description	Price
116002	J355 HA M30 H1.000 Painted Steel	\$24,900
116032	J355 HA M30 H1.000 Satin finish stainless Steel	\$27,900
116003	J355 HA M30 H1.000 EFO Painted Steel	\$29,900
116033	J355 HA M30 H1.000 EFO Satin finish stainless Steel	\$32,900

All these part numbers and gross Prices also include the pit.

The only accessory required to complete the installation is the standard control unit for bollard applications.

Accessories:

Part Number	Description	Price
116300	Bollard Control Unit JE275	\$665

Please Note that, for M30 bollard applications, each control unit can control 1 single bollard



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