



# IronFlex Horseshoe Bollard Type 2

PROTECTIVE GUARDING - SLOWSTOP®

SPEC SHEET | P/N **SS-T2Y-80-HS-100**



## Product Specifications

Color	RAL 1023 Yellow Pipe on RAL 9005 Black Pedestal
Diameter	101,6mm (6,3mm wall)
Height	80cm to centerline
Width	100cm centers 110cm outside uprights 125cm overall footprints
Impact Rating	Rail 20.000 joules Post 10.200 joules
Temperature Rating	-40°C - 70°C
Pipe Coating	EN-ISO 1461 Galvanized + Polyester Powder Coating
Cast-Iron Coating	Environmentally Friendly Water-based KTL Coating + Polyester Powder Coating. C5I corrosion resistance.
Set Screws	M16 x 2,00 – 8mm Hex
Anchor Screws	Eight (8) M16x140 Concrete

## Recommended Uses

- Pedestrian protection
- Rack and equipment guarding
- Access denial
- Utility and fuel protection
- Operator protection
- Conveyer Loading

## Rail Impact Chart

Impact Angle	90°	45°	30°
Rating (Joules)	20.000	40.012 calculated	80.000 calculated
Mass (kg)	Speed (kph)	Speed (kph)	Speed (kph)
3,000	13.1	18.6	26.3
4,000	11.4	16.1	22.8
5,000	10.2	14.4	20.4
6,000	9.3	13.1	18.6
7,000	8.6	12.2	17.2
8,000	8.0	11.4	16.1
9,000	7.6	10.7	15.2
10,000	7.2	10.2	14.4
15,000	5.9	8.3	11.8

## Post Impact Chart

Impact Angle	90°	45°	30°
Rating (Joules)	10.200	20.406 calculated	40.800 calculated
Mass (kg)	Speed (kph)	Speed (kph)	Speed (kph)
3,000	9.4	13.3	18.8
4,000	8.1	11.5	16.3
5,000	7.3	10.3	14.5
6,000	6.6	9.4	13.3
7,000	6.1	8.7	12.3
8,000	5.7	8.1	11.5
9,000	5.4	7.7	10.8
10,000	5.1	7.3	10.3
15,000	4.2	5.9	8.4

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The products mentioned in this document are covered by the following U.S. and international patent numbers: 7,195,422 | 7,621,691 | D937,700 | D620,823 | D620,824 | D620,825 | EP 2 267 225 | EP 2 888 412 | 9,938,677 | 11,136,735 | D932,875. Other U.S. and International patents pending.