

Hoop Guards

BLACK BULL Protection Guards – Removable



Use **BLACK BULL** Removable Protection Guards wherever access is required from time to time to plant and machinery. These guards eliminate time consuming operations in removing permanently fixed Protection Guards

Specifications:

76 mm Ø x 3 mm Wall
Base Plate: 160 x 140 x 15 mm
(Drilled 4 fixing holes)

The **BLACK BULL** Removable Protection Guards are easily installed by means of the anchor plates which are secured to the floor with anchor bolts (4 per plate & available at extra cost), position the legs of the guard into the holes in the plates,

- For Indoor use
- High quality steel
- Strong effective protection
- Protect portable machinery and plant
- Highly visible yellow/black markings
- Quickly and easily installed

slide the flanges under the lip and secure with screws provided. Cover plates are provided to reduce the ingress of dirt etc.

Finish:

Indoor use: Powder coated yellow with black bands.



Dimensions (mm) H x W	Delivery weight (kg/ea.)	Reference	Typical despatch time (working days)
350 x 750	12.5	196.15.471	5 / 10 days
350 x 1,000	13.5	196.17.299	
600 x 750	14.5	196.17.689	
600 x 1,000	16.5	196.19.365	
Surface fixing bolt S12 (8 per guard)	0.2	109.17.393	1 / 2 days
Through bolt anchor (8 per guard)	0.3	109.24.665	

BLACK BULL Protection Guards – with Under-run Protection



BLACK BULL Protection Guards – with Under-run Protection are to the same design and material specification as our **BLACK BULL** Protection Guards but with a 4 mm Gauge steel plate integrated into the hoop, designed to prevent fork-lift truck forks damaging property and personnel.

Particularly effective in applications such as in warehouses, distribution depots, storage areas etc.

Size:

76 mm Ø x 3 mm Wall
Base Plate: 160 x 140 x 10 mm
(Drilled 4 fixing holes)

Under-run plate heights:

150mm and 400mm

- For Indoor use
- High quality steel
- Strong effective protection
- Highly visible yellow/black markings
- Easily installed

Finish:

Indoor use: Powder coated yellow with black bands.

Root-fix versions, special sizes and colours can be manufactured to order. Please ask for details.



Height of underrun protection plate (mm)	Dimensions (mm) H x W x D	Delivery weight (kg/ea.)	Reference	Typical despatch time (working days)
150	350 x 750	14.5	196.16.857	5 / 10 days
	350 x 1,000	17.5	196.15.132	
400	600 x 750	24	196.17.125	
	600 x 1,000	29	196.17.619	
Surface fixing bolt S12 (8 per Guard)		0.2	109.17.393	1 / 2 days
Through bolt anchor (8 per Guard)		0.3	109.24.665	