

General Description of the Stunner

The machinery comprises two sizes of power actuated stunners for animals that take two different calibers of ammunition. For each size, one model is directly hand-held and the other has a long-reach handle.

Cocking the stunner requires two separate actions after a cartridge is placed in the breach block: first, the cap is slid over the barrel until a first detent is engaged and second, the cap is rotated on the barrel until the red dots are aligned and second detent is engaged.

When a stunner is correctly loaded, assembled and cocked, striking the muzzle end of the barrel against the target explodes the cartridge and the stunning rod strikes the target. Compliant material in the barrel returns the stunning rod to its home position.

The cocked condition is plainly indicated by the alignment of the red dots on the barrel and the cap.

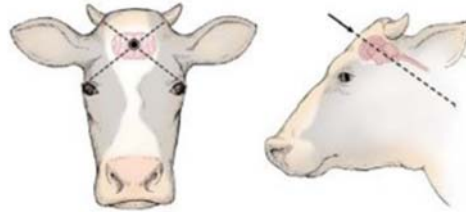
Noise and Vibration

Models: PAS Type C 4144065, C 4144066, C 4144067 & 4144068

| | |
|----------------------|--------------------------|
| Sound pressure level | LpAeq 78.0 dB(A) |
| Sound power level | Lwa, 1s 109.2 dB(A) peak |
| Sound pressure level | LpC, peak 135.8 dB(C) |
| Uncertainty | K 3 dB |

The vibration total value to which the hand-arm system is subjected does NOT exceed 2.5m/s².

Position and Direction of the Shot



Place the muzzle of the barrel on the head of the animal as shown in the above image. Position and fire the stunner fluidly, with minimal delay. If the animal is moving its head, try not to fire. When firing, hold the device firmly by the stunner cap housing (111) and hit to fire a shot.

PAS Stunner Quality Procedures

All components are manufactured according to Jarvis manufacturing specifications including; incoming and process material examination, and 100% inspections.

Cartridge Selection

Refer to the table below for the species, categories, and/or weights of animals for which the equipment is intended to be used. Those include heavy animals above 300 kg, animals under 300 kg such as calves, and very heavy animals such as bulls.

| COLOUR | GRAIN | ITEM NO. 50x | ITEM NO. 1000 x | ANIMAL SIZE | SPECIES | VELOCITY | EXIT LENGTH X DIAMETER |
|----------------------------|-------|-----------------|--------------------|----------------------------|----------------------|---------------------------|--------------------------------|
| Caliber (22) 5.6/16 | | | | | | | |
| Blue | 3.00 | 1176108 | 1176107 | Animals under 300 kg | Fat Cattle | 44.50 m/sec 146 ft/sec | 264 x 65 mm 10.38 x 2.56 in |
| Red | 4.00 | 1176110 | 1176109 | Heavy animals above 300 kg | Fat Cattle and Bulls | 53.64 m/sec 176 ft/sec | 264 x 65 mm 10.38 x 2.56 in |
| Caliber (25) 6.3/16 | | | | | | | |
| Blue | 4.00 | 1176122 | 1176121 | Heavy animals above 300 kg | Bulls | 57.60 m/sec 189 ft/sec | 264 x 65 mm 10.38 x 2.56 in |
| Red | 4.50 | 1176124 | 1176123 | Very heavy animals | Bulls | 58.22 m/sec 191 ft/sec | 264 x 65 mm 10.38 x 2.56 in |