

KUHN CRUTCH REPELLER

DESCRIPTION

The Kuhn Crutch Repeller is a specialised veterinary obstetrical instrument used to repel (push back) the fetus gently during difficult calving or obstetric manipulations. Its unique crutch-shaped end allows safe distribution of pressure over a wider area, preventing injury to the dam while creating space for repositioning, correction of malpresentations, or facilitating assisted delivery. It is a vital tool for large-animal veterinarians handling dystocia cases.

SPECIFICATION

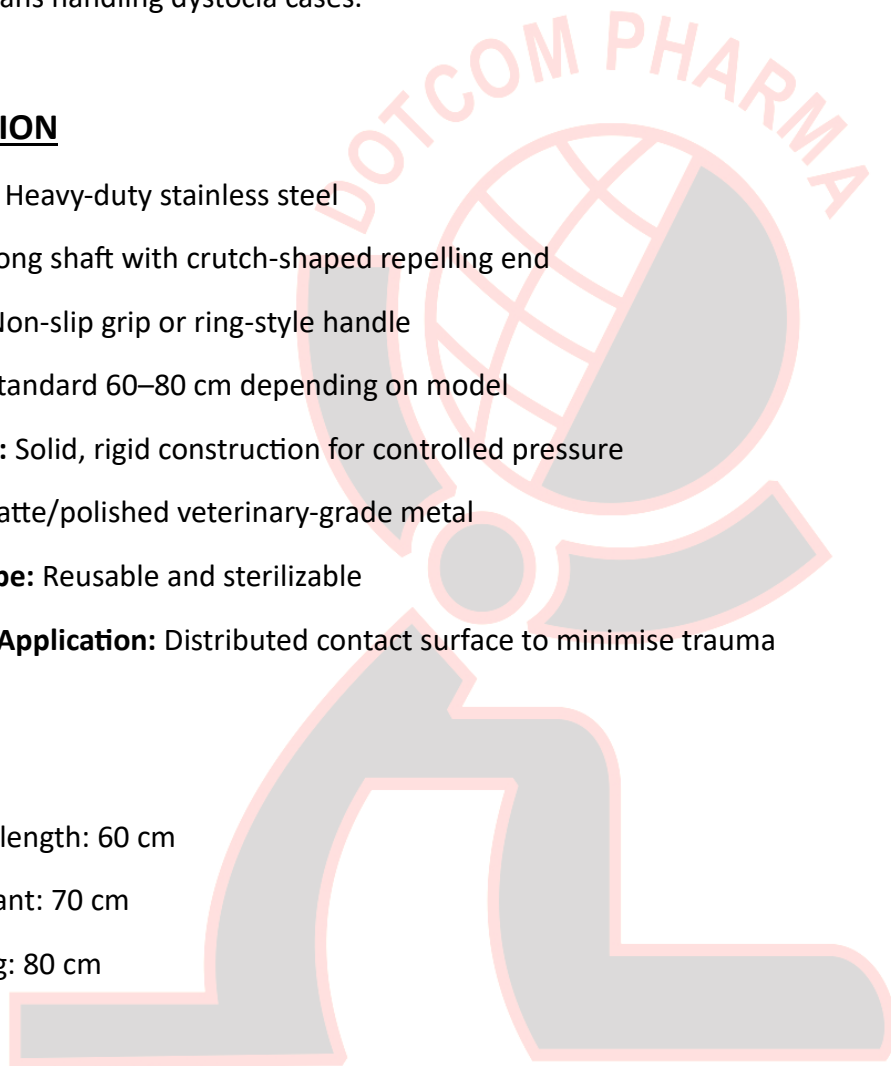
- **Material:** Heavy-duty stainless steel
- **Design:** Long shaft with crutch-shaped repelling end
- **Handle:** Non-slip grip or ring-style handle
- **Length:** Standard 60–80 cm depending on model
- **Structure:** Solid, rigid construction for controlled pressure
- **Finish:** Matte/polished veterinary-grade metal
- **Usage Type:** Reusable and sterilizable
- **Pressure Application:** Distributed contact surface to minimise trauma

SIZES

- Standard length: 60 cm
- Long variant: 70 cm
- Extra-long: 80 cm

SHAPES

- Straight rod with crutch-shaped head
- Slightly curved rod for easier intrauterine access
- Wide crutch-end model
- Narrow crutch-end model



MATERIAL TYPES

- Stainless Steel SS 304
- Stainless Steel SS 316 (stronger surgical-grade)
- Hardened stainless steel (for reinforced strength)

CATEGORY

- Veterinary Obstetrical Instruments
- Large Animal Reproduction Tools
- Dystocia Handling Devices

PRODUCT FORM

- Solid stainless-steel rod
- Crutch-bottom repelling head
- Reusable, non-sterile when supplied

USAGE

Human Application:

- *No human medical use* — strictly veterinary.

Veterinary Application:

- Assisting during difficult calving
- Repelling foetus to create working space
- Correcting malposition (head, limb, or hip deviation)
- Facilitating rotation or repositioning intrauterine
- Supporting obstetrical manoeuvres during dystocia
- Used in cows, buffaloes, horses, camels, etc.

ADVANTAGES

- Provides safe repulsion without sharp edges/ Autoclavable and long-lasting
- Strong grip for controlled manoeuvring
- Minimises trauma to vaginal and uterine tissues
- Long durable design suitable for large animals

DISADVANTAGES

- Requires training to avoid excessive pressure
- Not suitable for small animals
- Heavy tool — may require both hands
- Incorrect use can cause internal injury

PRECAUTIONS

- Always use with adequate lubrication
- Repel gently—avoid sudden or forceful pressure
- Ensure correct positioning of the crutch end
- Do not use if the rod is bent or damaged
- Maintain sterility during obstetrical procedures
- Use only by trained veterinary professionals

HANDLING DETAILS

- Hold firmly with two hands for stability
- Insert slowly into the birth canal
- Support the crutch end against fetal body surfaces
- Apply pressure gradually and evenly
- Clean and dry properly after each use

STERILISATION DETAILS

- Fully autoclavable
- Safe for boiling disinfection
- Compatible with EO (Ethylene Oxide)
- Can be cleaned with enzymatic or chemical solutions
- Ensure thorough drying to prevent corrosion

HS CODE (Harmonized System Code)

HS Code: 9018 – Instruments used in medical, surgical, dental, veterinary sciences.

HSN CODE (India)

HSN Code: 9018.90 – Other surgical and veterinary instruments.

FAQ (Frequently Asked Questions)

1. What is a Kuhn Crutch Repeller used for?

It is used to repel the foetus during obstetric manipulation in large animals to correct malposition's and assist in calving.

2. Is the Kuhn Crutch Repeller reusable?

Yes, it is fully reusable and made from autoclavable stainless steel.

3. Does it cause injury?

Not when used correctly. Its crutch-shaped end distributes pressure safely.

4. Which animals is it used for?

Primarily cows, buffaloes, horses, and other large animals.

5. What material is the Kuhn Crutch Repeller made from?

High-grade stainless steel (SS 304 or SS 316).

