

# Animal Weight Machine

## DESCRIPTION

The **Animal Weight Machine (Motorised Adjustable Model)** is an advanced stainless steel weighing platform designed specifically for veterinary hospitals, clinics, and research facilities.

As visible in your uploaded image, this model features a **solid SS-304 construction** combined with a **motorised up-and-down adjustment system**, enabling smooth and precise height control from **16" to 40"**.

Its **anti-slip platform surface**, **fine-polished finish**, and **rugged design** make it ideal for safely weighing animals of various sizes while ensuring operator convenience and animal comfort.

## SPECIFICATION

- Product Name: Animal Weight Machine
- Size: 24" × 48"
- Height Adjustment: 16" to 40" (Motorised)
- Material: Stainless Steel (SS-304 – Veterinary Grade)
- Mechanism: Electric motor with linear actuator for height movement
- Finish: Fine polished, fully finished
- Platform Surface: Non-slip SS sheet with grip pattern
- Frame: Heavy-duty welded tubular SS structure
- Controls: Push-button or foot control (as per model)
- Display: Digital weighing scale (optional)
- Power Supply: 230V single-phase, protected circuit
- Weight Capacity: Up to 300 kg (approx.)

## SIZES & VARIANTS

- **Standard Model:** 24" × 48" (as shown)
- **Optional Sizes:** 24" × 36", 30" × 60", or customised dimensions
- **Height Range:** 16" (lowest) to 40" (maximum)
- **Variants:**
  - Motorised Adjustable Model (standard)
  - Manual Hydraulic Model/ Fixed Platform Model

## TYPES & FEATURES

- Motorised actuator allows smooth and precise height control
- Strong SS-304 frame ensures hygiene and durability
- Non-slip surface prevents animal skidding during weighing
- Digital scale integration available for accurate weight readings
- Smooth edges and fine finish for safety and professional use
- Operates quietly for minimal animal stress

## MATERIAL DETAILS

- **Material:** SS-304 (AISI 304 – non-corrosive and disinfectant-safe)
- **Surface Finish:** Fine polished for hygiene and easy cleaning
- **Frame:** TIG-welded for strength and seamless appearance
- **Platform:** Reinforced SS sheet with patterned surface
- **Mechanism:** Electric motor with precision lift system

## CATEGORY & PRODUCT FORM

- Category: Veterinary & Hospital Equipment
- Product Form: Motorised adjustable animal weighing platform
- Functional Type: Mobile or fixed platform for accurate veterinary weighing

## USAGE & APPLICATION

- Used in veterinary hospitals, animal clinics, and research labs
- Ideal for safely weighing pets, livestock, or small animals
- Height adjustment assists in easy animal placement
- Suitable for both standing and seated weighing procedures

## ADVANTAGES

- Motorised lift ensures effortless height control
- Accurate, stable, and safe weighing surface
- SS-304 frame ensures long life and easy disinfection
- Non-slip design improves animal comfort and safety

## **DISADVANTAGES**

- Requires power connection for operation
- Motor mechanism needs periodic servicing
- Heavier than manual weighing scales

## **PRECAUTIONS**

- Do not exceed maximum load capacity
- Disconnect power before cleaning or servicing
- Keep electrical components dry at all times
- Ensure stable floor placement before use

## **HANDLING & CARE**

- Wipe with alcohol-based or neutral cleaners daily
- Dry after cleaning to preserve finish
- Lubricate moving joints periodically
- Check actuator and wiring regularly for smooth function

## **STERILISATION DETAILS**

- Clean using neutral pH disinfectants or 70% alcohol
- Avoid strong acids or bleach-based cleaners
- Use dry cleaning method near electrical zones
- Maintain sterile hygiene for clinical use

## **HUMAN & VETERINARY APPLICATIONS**

- **Veterinary Use:** Animal weighing, examination, and pre-operative assessment
- **Human Equivalent:** Similar to hospital patient weighing platforms
- Ideal for clinics handling small to medium animals or pets

## **HS & HSN CODES**

- **HS Code:** 8423
- **HSN Code:** 84231010 — Weighing Machines (Stainless Steel Veterinary Platform Type)

## **FAQS (Frequently Asked Questions)**

### **Q1: How does the motorised adjustment work?**

A built-in electric actuator lifts or lowers the platform smoothly between 16" to 40" using push-button control.

### **Q2: What is the weight capacity of this model?**

It can safely handle up to 300 kg, making it suitable for small to medium animals.

### **Q3: Is the SS-304 platform safe for animals?**

Yes — it's smooth, non-porous, and anti-slip, ensuring hygiene and comfort during weighing.

### **Q4: Can the machine be customised for different animal sizes?**

Yes, platform size, load capacity, and height range can be customised as per clinical requirements.

### **Q5: How should the electrical system be maintained?**

Keep it dry, clean, and serviced periodically to ensure safe and reliable operation.

