

CATTLE CRUSH KPB 5PPE



DEVICE DESCRIPTION

Our cattle crush has a rear entrance gate closed by a specially designed and bent for back legs rump bar and unique quick adjust, self-locking front yoke, which is activated by the animal's forward movement. This allows easy adjustment of the animal's neck in between two gates. It has a heavy duty main frame and anti-slippery steel tread plate floor. All parts of our crushes are hot dipped galvanized for maximum corrosion resistance and long life durability. The cattle crush is designed to allow complete and safe access to the animal's flanks for all tasks, leaving the animal immobile at the same time. It possesses foot trimming equipment including adjustable double belly and inguinal support straps, worm gears and electric gear motors by means of which cow's legs are lifted. Additionally, the crush possess front and rear rubber hoof supports. This ensures accurate, rigid positioning of the lifted leg and prevents the cow from kicking while hoof trimming. Cattle crush KPB-5PE is equipped with 3 gear motors of 0,18kW used for lifting legs and 2 gear motors of 0,37 kW used for lifting cows by means of two types of straps. All gear motors are controlled by up-and-down (left-right) contactor system activated by a reversing switch. Motors are protected by type S fuses which are stored in a switch box. In this box there is also a residual current device RCD(residual current circuit breaker RCCB) of 30 mA differential current that instantly breaks an electric circuit to prevent serious harm from an ongoing electric shock . Under the box there is a main switch which also functions as an emergency stop switch. The box has IP56 protection level. Cattle crush is activated by means of a power lead which is equipped with a 16A/400V socket. Electric circuit in the main switching station should be protected by fuses of max. 6A. Electrical system should be made of copper lead of at least 1,5mm² wire section.

TECHNICAL DETAILS

DIMENSIONS			WEIGHT
height	width	length	430kg
200 cm	130 cm	255 cm	

Electric motor	Geared motor I	Geared motor II
power	0,37 kW	0,18 kW
voltage	400 V or 230 V	400 V or 230 V
frequency	50 Hz	50 Hz
rated current	1,89 A	1,18 A
rotational speed	1380 r/min	1380 r/min
protection level	IP55	IP55
insulation class	F	F
supply plug	WPP-16A/5	



Self-locking head gate and a set of pumped wheels, an axis and a drawbar for hand transport



Electric front leg lifts with rubber front hoof support set with a chain enabling hooves adjustments



Work front and rear lights



Electric rear leg lift with sides changeable rubber hoof support set with a chain enabling hooves adjustments

Features and Benefits:

- ✓ Strong, hot-dipped galvanised steel frame construction
- ✓ Self-locking head gate
- ✓ Electric front and rear leg lifts with rubber hoof supports
- ✓ Wide bellyband with electric hoist system
- ✓ Work front and rear lights
- ✓ Unique specially designed rear gate allowing work in upright position
- ✓ A set of pumped wheels, axis and drawbar for hand transport