

# CATTLE CRUSH KPB 2PE



## DEVICE DESCRIPTION

Our cattle crush has a rear entrance gate closed by a rump bar and unique quick adjust, self-closing front gate. 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. This ensures accurate, rigid positioning of the lifted leg and prevents the cow from kicking while hoof trimming. Cattle crush KPB-2PE 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 belly or inguinal 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 of 30 mA differential current. Under the box there is a main switch which also functions as an emergency stop switch. 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 1,5mm<sup>2</sup> wire section.

## TECHNICAL DETAILS

DIMENSIONS			WEIGHT
height	width	length	
200 cm	130 cm	255 cm	370 kg

Electric motor	Geared motor I	Geared motor II
power	0,37 kW	0,18 kW
voltage	400 V	400 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	