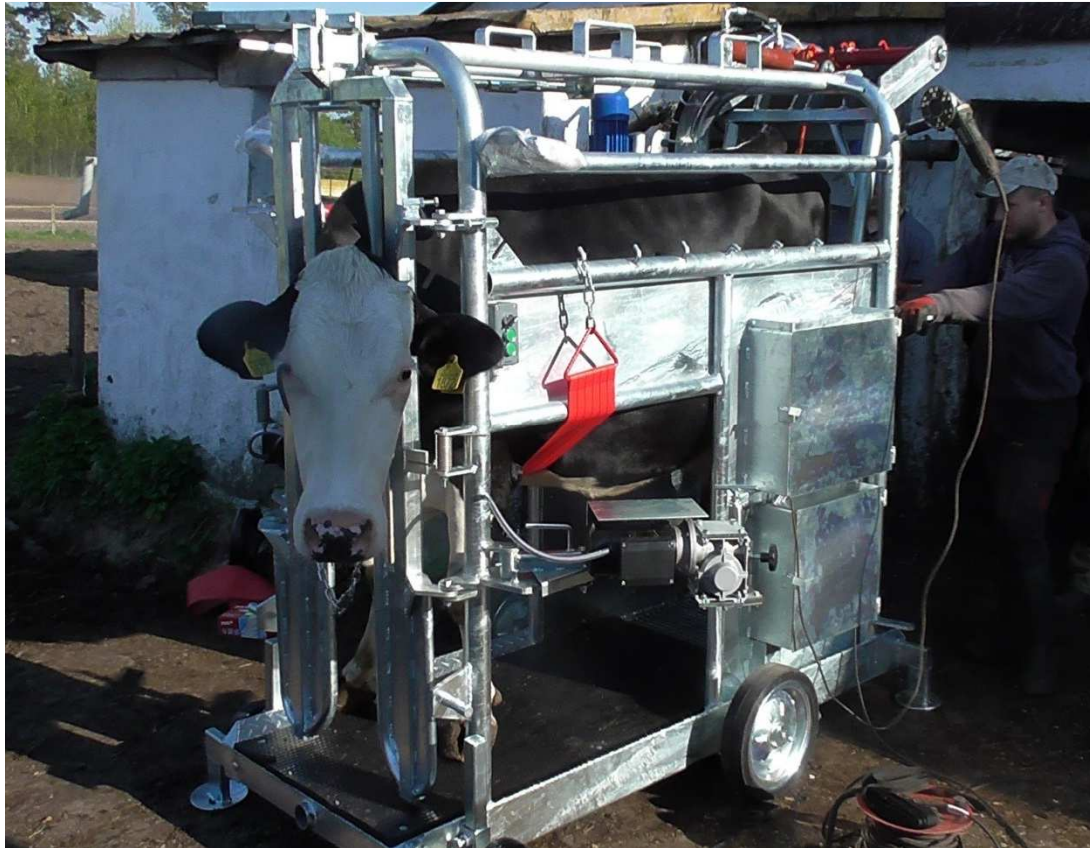


ELECTRIC-HYDRAULIC CATTLE CRUSH KPB 6HE



DEVICE DESCRIPTION

Our hydraulic-electric cattle crush KPB 6HE is equipped with a new, specially-designed, self-locking front gate which automatically closes itself both sides at the same time blocking cow's head in between the gates and auto resets to an open position after letting the cow out and pushing the right lever. Such a solution ensures a fast and efficient cow flow through the device. Additionally, the crush possesses a unique, specially-designed back gate, which is placed on the back of the cow and is closed hydraulically by means of double-acting hydraulic cylinders as soon as the cow enters the crush. Hind legs are lifted by means of a hydraulic motor and attached to a specially-bent bar. The back gate pushes the cow and ensures a back support preventing the cow from buckling. Additionally, the cow is supported on a belly band which is lifted with cow by means of a German-made geared motor. Front legs are also lifted by means of German-made geared motors. An additional advantage constitute moveable to sides winches, which allow for safe, rigid and comfortable trimming positions. Leg winches are also equipped with leg supports, upon which hooves are placed while being trimmed. The crush is also mobile within the farm area as it possesses an axle with wheels and is lifted by means of double-acting cylinders. The crush also possesses front and back 10 W LED work lights which improve working conditions. Our crush has a heavy duty main frame and anti-slippery steel tread plate floor. All metal parts of our crush 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. All gear motors are controlled by up-and-down (left-right) contactor system activated by a reversing direction 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. Cattle crush is activated by means of a power lead which is equipped with a 16A/400V socket.

TECHNICAL DETAILS

DIMENSIONS			WEIGHT
height	width	length	
210 cm	150 cm	240 cm	600 kg

	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	

Hydraulic unit

	Motor
power	1,5 kW
voltage	400 V
pump efficiency	3,7 cm/r
rated current	1,89 A
rotational speed	1400 r/min
control divider	4/3
protection level	IP55
max. pressure	180 bar
supply plug	16A/5

- Double wire braid hoses (for pressure max 330 bar)
- Double-acting hydraulic cylinders– 50 mm bore x 30mm diameter piston rod - 200 mm stroke



- ✓ Hind legs hydraulic lift



- ✓ Fully automatic front gate with auto reset facility ensuring fast cow flow through the crush



- ✓ Front and back leg supports and front and back LED work lights for better working conditions



- ✓ Unique hydraulic back gate allowing for work in upright position

**ZAKŁADY METALOWE W PRZYSIEKACH
SP. Z O.O.
WWW.ZMPRZYSIEKI.EU
EXPORT.ZM@GMAIL.COM
TEL: 0048 693 196 498**

