

HYDRAULIC CATTLE CRUSH KPB 2H



DEVICE DESCRIPTION

Our hydraulic crush KPB 2H is equipped with hydraulic lift to enable a hoof trimmer to work in an upright position. The whole crush together with a cow **is lifted up to 50 cm above the ground**. The rest is operated manually. There're two front, adjustable and moveable to the sides winches by means of which cow's legs are lifted. These winches possess German made ratchet cranks which enable stable, rigid and safe hoof trimming positions. The crush KPB 2H has a self-locking head gate and a rear entrance gate closed by a horizontal rump bar to which cow's back legs are fixed manually by means of a ratchet crank. The back gate can be opened either upwards by means of gas springs or to the side by means of a handle (The choice of a back gate depends on a customer). The back gate is equipped with a specially designed dung plate to assist in a clean work environment. The crush is also equipped with a worm gear along with double belly band support by means of which the whole animal is lifted up to lose her balance. Our crush can be easily moved using back tractor linkage or pallet forks from the side. It can also be easily transportable manually thanks to a set of wheels, an axis and a drawbar. 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.

TECHNICAL DETAILS

DIMENSIONS			WEIGHT
height	width	length	4000 kg
200 cm	150 cm	255 cm	

- **Height of hydraulic lift** – up to 50 cm
- **Hydraulic system supply** – 400 VAC
- **Lifting speed** – 2 cm/sec
- **Double wire braid hoses** (for pressure max 330 bar)
- **Hydraulic aggregate** – Motor 1,5 kW, pump efficiency – 3,7cm/r, motor 1400 r/min, pressure 180 bar
- **Two-way hydraulic cylinders** - 30/50/500 and 25/40/500