

# Mincer HGU-220



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Meat Mincer / Grinder is one of the core equipment in meat industry, grinding meat into small particles depending on the production and technical requirements, so that meat can be mixed with other ingredients and additives to produce meat products, such as sausage, ham, luncheon meat, patty, nuggets, etc.

It can also be widely used in non-food industries such as petfood, feed, chemicals, etc., to turn large materials into small particles.

### **Working principle:**

Meat blocks are fed into the hopper via lifter with trolley or conveying belt. Next, the feed screw of the grinder pushes the meat into the cutting head where cutting blades rotate rapidly on a fixed hole plate and cut the meat with shear force. Finally, the meat particles go through the small holes of the hole plate and drop into collection containers.

Optional – Bones and / or sinews can be separated, collected and removed via the plastic pipe installed in the middle of the hole plate.

### **Features and Benefits:**

- Suitable for pre-broken frozen meat at  $-18^{\circ}\text{C}$ , size below 100 x 100 x 100 mm or similar
- Suitable for all kinds of fresh meat
- Two speed to meet different capacities and requirements
- Shear cutting by the inserted blade to keep always clean cutting result
- Minimized temperature rise thanks to the special design of the cutting head
- AISI 304 Stainless steel construction for all food-contact parts and machine frame
- Reliable and simple construction, very low ownership in maintenance and operation
- Easy to clean, easy to access for hygiene and service
- Safety device of the highest standard

### **Options:**

- Sorting device for fresh meat: to remove small bones, sinews and other impurities out of the meat
- Movable lifter / standstill column lifter for 200 L meat carts
- Loading conveyor for pre-broken frozen meat blocks
- Screw conveyor for transporting ground meat to mixer or other machines
- 200 L meat cart, other volumes are available upon request
- Tool cart with 4 movable casters for screw, hole plates and other parts



**Technical data:**

HGU-200	Data	Remarks
Size of hole plate	220 mm	
Size of holes on plate	3, 6, 8, 10, 12, 24 mm	Only one size per hole plate
Electrical power supply	37 kW, 3 phase, 380 V, 50 Hz	Customerizable upon request
Dimension	With screw rack 3300 x 1250 x 2100 mm Without screw rack 2300 x 1250 x 2100 mm	
Weight	1500 kg	
Capacity (approx.)	3 – 8 T/hr	Depending on the material and its temperature



Movable lifter for 200 L meat cart



Screw Conveyor



Belt conveyor



200 L meat cart