

Shrimp Grading Machine



The main part of our shrimp grading machine is made by SUS304 stainless steel, correspond to food hygiene requirements. The machine is consisted of two parts: elevating and grading unit, grading unit has 4-6 couples of roller which shape is up-thick and bottom-thin. The shrimp is graded by the gap between two rollers automatically. The gap is available to adjust. There are 5 graders are under controlling. Accuracy of shrimp size reach to 0.1mm.

It is suitable for head on shell on (HOSO) or head less shell on (HLSO) shrimp and prawn. the rollers quantity can be changed according to grading capacity demand. The grading capacity can be customized from 500kg - 2500kg/h.



Technical Parameters

Overall size of model SP-1: 5260mmx12800mm (main body) x1500mm, 8 rollers

Grading capacity: 1100-1300 kg/hour, depends on the shrimp material

Overall size of model SP-2: 5260mmx1900mm (main body) x2200mm, 12 rollers

Grading capacity: 2000-2200 kg/hour, depends on the shrimp material

The sizing standards for “head-on shell-on” shrimp tails are:

16 – 20 count/pound; 21 – 25 count/pound; 26 – 30 count/pound; 31 – 35 count/pound

36 – 40 count/pound; 41 – 50 count/pound; 51 – 60 count/pound; 61 – 70 count/pound

71 – 80 count/pound; 81 – 90 count/pound

Power: 380V 50/60Hz 3Ph 3.9KW

Material Description

Width of conveying belt:1726mm,
plastic steel mesh belt, height of
baffle 20mm, one elevator.

Grading roller: $\Phi 125\text{mm} \times 130\text{mm}$
stainless steel

roller covered with food grade
nylon.

Material of conveying belt:
high-strength PVC plastic steel

Driving force: driving motor
0.75KWx2pcs, 2.4KWx1pcs,
0.4kwx2pcs

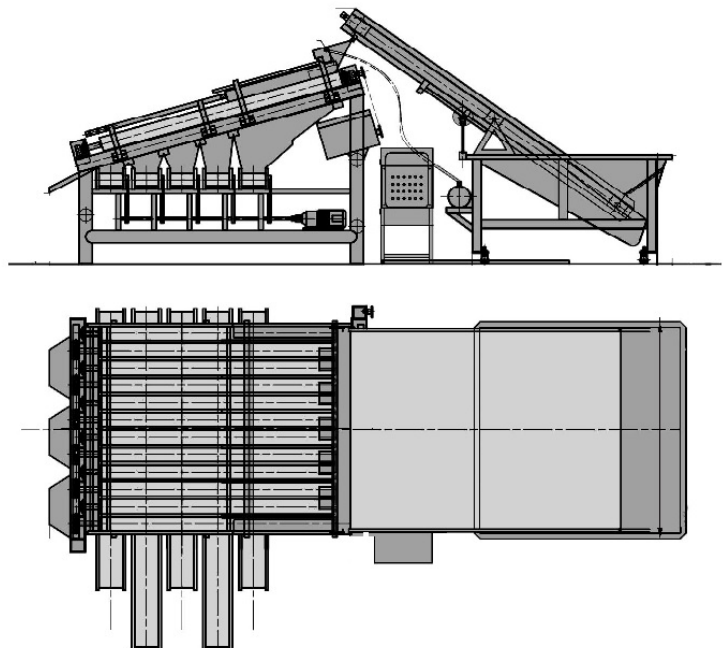
Material of elevator: SUS 1.5mm
304# stainless steel

Body and frame: $\Phi 114 \times 2.0\text{mm}$ 304#
stainless steel pipe.

Water supply device: stainless steel components covering and PPR pump

Running device: UCF 205 stainless steel bearings, axletree driving

Controller: electrical controller, Chint Brand, stainless steel cabinet





Technical Changes

The data and illustrations in this catalogue are not binding and only provide an approximate description. We reserve the right to make changes to the product delivered compared with the data and illustrations in this catalogue, e.g. in respect of technical data, design, fittings, material and external appearance.

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