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 od 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:
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: Φ125mmX130mm 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: Φ114x2.0mm 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

Machine Drawing
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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