

Packing Machines for Rice, Grain and Flour

Weighing, filling, sealing and bagging machines for rice, beans, pulses, sugar, wheat flour and maize meal. Retail packs from 1 kg, bulk bags to 50 kg, and jumbo bags to 1,000 kg. Built in India and China, supplied and commissioned across Africa.

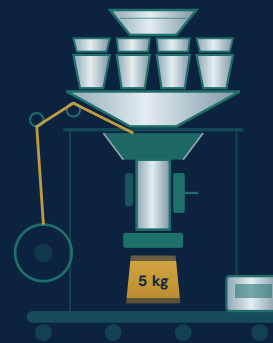
We ask five questions before we quote, because the product decides the filler and the bag size decides the machine. You get an operations manual in Portuguese, a named commissioning engineer, and grid protection included in the price rather than discovered during your first warranty claim.

HS 8422.30 / 8422.40 1 KG TO 1,000 KG

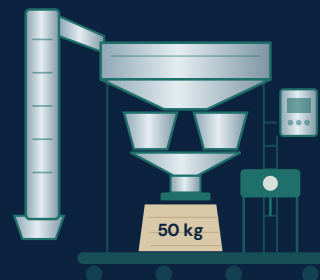
300-720 BAGS PER HOUR

THE FIVE QUESTIONS WE ASK

- 1 What are you packing? Rice, beans, pulses, sugar, wheat flour or maize meal.
- 2 What bag sizes do you need?
- 3 How many tonnes or bags per hour?
- 4 Woven polypropylene, BOPP laminated, PE film or paper?
- 5 Which port, and which country?



CLASS 1 — VFFS
1-10 kg retail



CLASS 2 — OPEN MOUTH
25-50 kg bulk



FIBC DISCHARGE
1,000 kg in, 50 kg out

2

MACHINE CLASSES, NOT ONE

±2 g

FILL ACCURACY UNDER 1 KG

30-75

DAYS EX WORKS

CIF

ANY AFRICAN PORT

What We Supply

Retail Pack Line



Vertical form fill seal with a linear or multihead weigher for rice, beans, pulses and sugar, or an auger filler for wheat flour and maize meal.

VFFS • 1–10 KG • 400–720 BAGS/HR

Automatic Bagging Line



Bag placer, net weigher, conveyor, bag flattener, stitching column, metal detector and check scale. Ships in one 40 ft high cube.

AUTOMATIC • 25–50 KG • 500–600 BAGS/HR

Bulk Bagging Station



Open mouth net weigh scale with bag holder, take-away conveyor, heat sealer and stitching. Runs woven polypropylene and BOPP laminated sacks.

OPEN MOUTH • 25–50 KG • 300–480 BAGS/HR

FIBC Discharge Station



Jumbo bag unloading frame with hoist or forklift spreader. The bottom spout empties into an intake hopper that feeds the bagging line.

FIBC • 1,000 KG IN, 25–50 KG OUT

Reference Specification

Figures below are taken from offers held on file, July 2026.

PARAMETER	CLASS 1 — RETAIL 1–10 KG	CLASS 2 — BULK 25–50 KG
Machine and filler	Vertical form fill seal from roll film, linear or multihead weigher, auger for powder	Open mouth net weigh scale, twin hopper gravity weigher
Bag sizes and output	1, 2, 5 and 10 kg at 10–30 bags per minute	25 and 50 kg, up to 480 bags per hour, single spout, subject to upstream feed rate
Fill accuracy	±2 g under 1 kg	±0.1 to 0.3 %
Power / supply	1.4–3.5 kW, 415 V three phase 50 Hz	8 kW, 415 V three phase 50 Hz
Footprint / operators	1.5 × 1.5 m, 3.5 m headroom, one operator	1.2 × 1.5 m, 3.0 m headroom, three operators
Line includes	Z elevator, platform, output conveyor, check weigher, SS 304 contact parts	Bucket elevator, hopper, conveyor, sealer, stitcher, 2 HP compressor
Shipping	Fits one 20 ft container	≈900 kg, 10–16 m³ per set

Why Mahabir

We ask before we quote

Rice takes a weigher and flour takes an auger. A supplier who does not ask has already got it wrong.

We tell you what your bag can do

A machine built for woven polypropylene will tear multiwall paper. We say so before you order.

The manual is in Portuguese

Documentation in Portuguese for Angola and Mozambique, plus operator training during commissioning.

Grid protection is in the price

Phase failure relay, IP54 panel and a voltage stabiliser quoted as a line item, not discovered later.

Our clients become partners

We take an interest in the business, not only the order. Every client we have supplied has ended up working with us on something else. We integrate forward and backward, and we can supply the rice, pulses and dry goods that run through the machine, so you buy better, land cheaper and compete harder in your own market.

Commercial Terms

Incoterms FOB Nhava Sheva, Mundra, Shanghai or Qingdao, or CIF any African port. Tariff headings HS 8422.30 filling and closing machinery, HS 8422.40 other packing machinery, HS 8422.90 parts. Lead time 30 to 45 working days ex works for a bagging station, 45 to 75 days for an automatic line, plus sea transit. Minimum order One machine. We ship single units and we quote them properly. Documentation General arrangement drawing, machine list, electrical schematic, spare parts list, operations manual in English and Portuguese.	Commissioning Engineer travel, visa, accommodation and day rate quoted as a separate line, never bundled and never free. Typically 10 to 21 days on site. Duties For the buyer's account. We will tell you the tariff heading and likely rate for your country before you order. Pricing Quoted per enquiry. We hold a 30 day validity and return a budgetary figure within 48 hours of your five answers. Payment 40 % advance with the order, 60 % after inspection where inspection applies and in any case before shipment. Or against an irrevocable letter of credit at sight.
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Tell us what you are packing.

Answer the five questions on page one and we will come back with a budgetary quotation, a general arrangement drawing, and an honest note on whether a smaller machine would serve you better. If a semi-automatic station at a fifth of the price will do your volume, we will say so.