

USED MACHINE OFFER · CONFIDENTIAL

BMB KW3500/68000 — 3,500 Ton Injection Molding Machine

Manufacturer: BMB S.p.A., Brescia (Italy) · Year 2022 · Serial No. 2221172 · Offered by iB23 Group

Price on request

3,500 t

CLAMPING FORCE

Ø 220 mm

SCREW DIAMETER

2022

YEAR BUILT

ROBOT INCLUDED

CAMPETELLA

APPLICATIONS

What can this press produce?

Machines in this tonnage class are built for large, heavy-duty parts. This unit's last production run was industrial pallets — its mold is tagged "PALLET MEDIUM." Typical applications for a 3,500-ton two-platen press include:

Industrial & logistics pallets

Large containers, bins & crates

Wheelie / waste bins (240–1,100 L)

Cable reels & drums

Large technical & automotive components

Big buckets, drums & tanks

Illustrative examples based on machine class and mold history — not a guarantee of compatibility with a specific tool.

COMMERCIAL OFFER

Terms & conditions

Sale Price	On request
Incoterm	ExWork, Italia (Incoterms® 2020)
Delivery Time	4/6 weeks from receipt of the down payment
Payment Terms	30% deposit with order · 70% balance before shipment (T/T)
Packing	Not included — to be defined based on the final destination
Disassembly	Included — performed by the iB23 technical team
Assembly & Installation	Included — performed by the iB23 technical team
Warranty	6 months on labour
Offer Validity	30 days from the date of this offer; after that the price will increase by 5%

Packing list — 8 containers

#	CONTAINER TYPE	CONTENTS
1	40' Flat Rack	Mould-height platen and crosshead
2	40' Flat Rack	Moving platen, ejection and connecting rods
3	40' Flat Rack	Fixed platen
4	40' Open Top	Clamping unit base + tie bars
5	40' Open Top	Injection unit base with electrical cabinet
6	40' Open Top	Injection unit
7	20' Open Top	Campetella robot
8	20' Open Top	Guards, accessories

TECHNICAL DATA

Full technical specifications

CLAMPING UNIT

Clamping force	35,000 kN
Mold opening force	2,400 kN
Mold opening stroke	2,200 mm
Mold platen size (H × V)	3,170 × 2,730 mm
Tie bar clearance (H × V)	2,240 × 1,800 mm
Tie bar diameter	360 mm
Daylight	4,300 mm
Mold height, min–max	800–2,100 mm
Ejector stroke / force	600 mm / 300 kN

INJECTION UNIT

Screw diameter	220 mm
L/D ratio	23
Stroke volume	39,914 cm ³
Shot weight (PS / PP)	37,918 g / 29,936 g
Injection rate	2,470 cm ³ /s
Injection pressure	1,721 bar
Plasticizing rate	215 g/s

Equipment & accessories included

- Automatic printer connection (Schuko 230V outlet)
- Automatic safety gate
- Colorimeter control connection (230V)
- Hydraulic system soundproofing (acoustic panels)

- Clamping force reading via load cell
- Ceramic heater bands
- Moog servo-valve on injection
- Automatic machine shutdown
- Stellite-treated screw
- High-performance anti-vibration mounts
- Sequential injection control for up to 8 mold nozzles
- Air-blow control (up to 8 points)
- Euromap 67 robot interface (400V 3-phase+N+T)
- Inverter on pump motor
- Insulation blankets for barrel heaters
- Ethernet network card
- Bimetallic-treated barrel
- Hydraulic nozzle for plastication during mold open/close
- Automatic mold-thickness adjustment
- Dual-circuit mold cooling manifolds
- Brushless drawing motor with dedicated cooling
- Hot-runner temperature control, 72 zones
- 12x hydraulic + 12x pneumatic sequential-injection valves
- High-plasticizing barrier-profile screw
- Mold data storage for 150+ molds + USB
- Euromap 63 protocol (Industry 4.0 ready)
- Factory paint: body/injection white RAL 9016, clamping anthracite grey RAL 7016, guards blue RAL 5015

GALLERY

The machine in the plant





OMO S.p.A.
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CE

MODELLO: KW3500/68000

MATRICOLA: 2221172

ANNO: 2022 MASSA: 206000 kg

DISPOSIZIONI DELLA DIRETTIVA MACCHINE 2006/42/CE ED ALLE DISPOSIZIONI NAZIONALI
 È CONFORME ANCHE ALLE DISPOSIZIONI DELLE SEGUENTI DIRETTIVE
 DIRETTIVA 2014/30/UE E DIRETTIVA PED 2014/68/UE

MODELLO CHE HA OTTENUTO Nome ed indirizzo dell'organismo



NEXT STEPS

Interested in this machine?

Contact our team for full documentation, a video, and to schedule a visit to see the machine running.

 **Italy**

Via Padania, 23 — Verolanuova
(BS)

 **USA**

2672 NW 112th Ave — Doral, FL

 **Brasil**

Av. Paschoal Ardito, 2621 —
Americana SP

[Email Us](#)

 [Ask on WhatsApp](#)

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