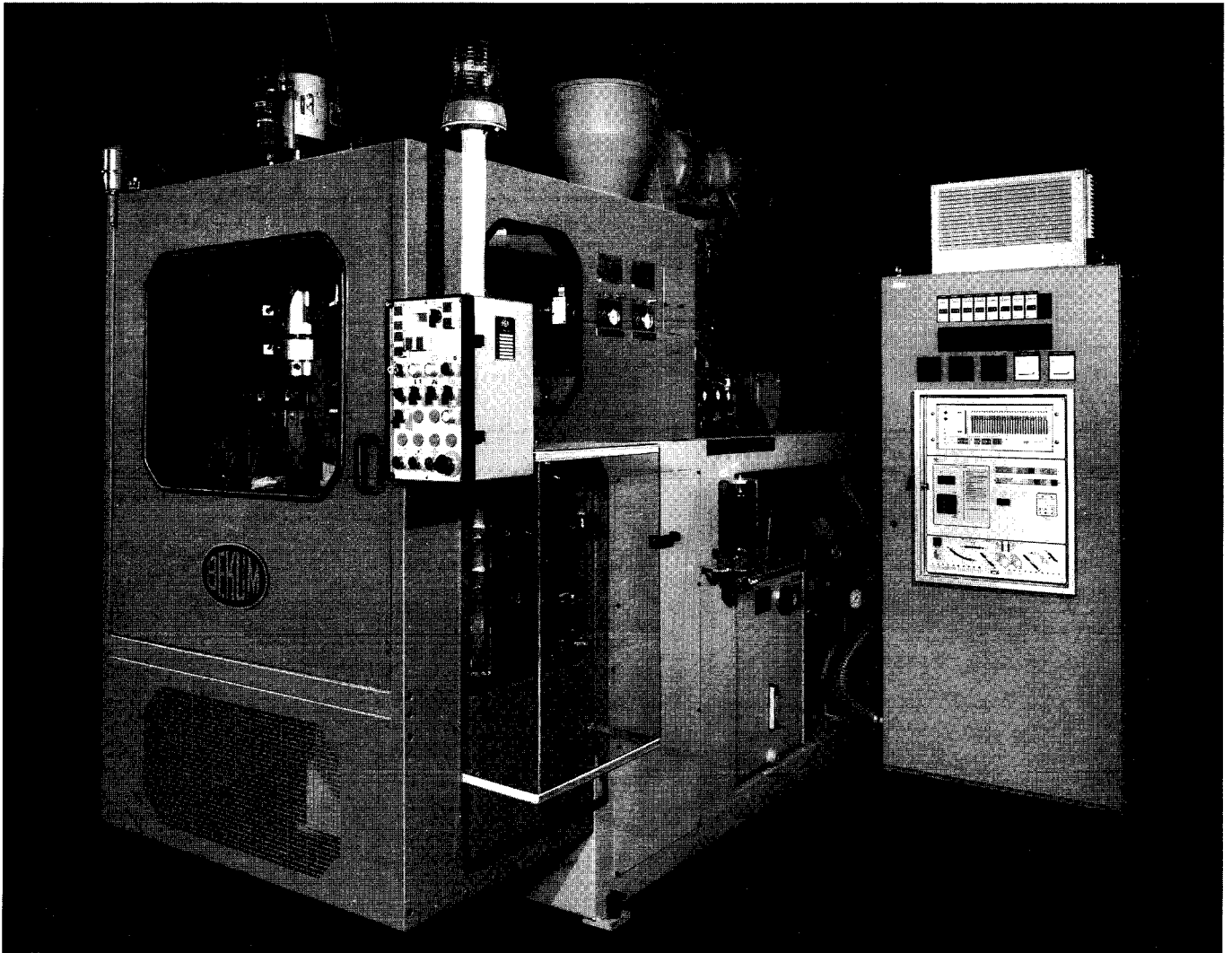


BEKUM

BM-101

Einstationen- Blasanlage

Single-station Blow Moulder

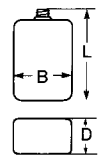
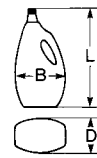
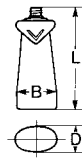
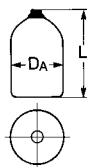


03.89

**Produktionsmöglichkeiten
production possibilities**

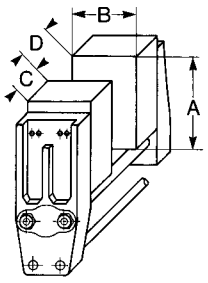
L: bei max. 50 mm Formenüberstand
with mould max. 50 mm higher than platens

Stichabstand
centerline distance



| | | L mm | D _A mm | Liter litres | L mm | D mm | B mm | Liter litres | L mm | D mm | B mm | Liter litres | L mm | D mm | B mm | Liter litres |
|-----------------------|-----|---------|----------------------|-----------------|---------|---------|---------|-----------------|---------|---------|---------|-----------------|---------|---------|---------|-----------------|
| 1 Einfachform | - | 280 | 120 | 2 | 270 | 120 | 160 | 2 | 270 | 120 | 160 | 1,5 | 270 | 120 | 160 | 2 |
| 1 single mould | | | | | | | | | | | | | | | | |
| 1 Doppelform | 85 | 270 | 75 | 0,7 | 270 | 75 | 75 | 0,7 | - | - | - | - | 270 | 65 | 65 | 0,7 |
| 1 double mould | 100 | 255 | 90 | 1 | 255 | 90 | 90 | 1 | - | - | - | - | 255 | 80 | 80 | 1 |
| 1 Dreifachform | 60 | 260 | 50 | 0,3 | 260 | 50 | 50 | 0,5 | - | - | - | - | 260 | 40 | 40 | 0,3 |
| 1 triple mould | | | | | | | | | | | | | | | | |

Änderungen vorbehalten
Alterations reserved

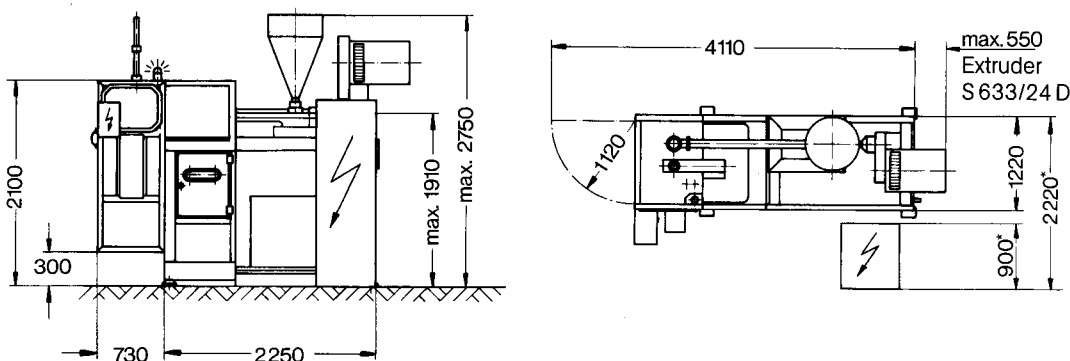
| BLASAUTOMAT / BLOW MOULDER | | | Blasformen / blow moulds | | | |
|---|------------------------|------|---|----------|----|-----------|
| <h1>BM-101</h1> <h2>Technische Daten technical data</h2>  | | | Formlänge max. mould length max. | A | mm | 350 |
| | | | Formbreite max. mould width max. | B | mm | 240 |
| | | | Formtiefe mould depth | C | mm | 80 100 |
| | | | Formöffnungsweg day light opening | D | mm | 180 140 |
| | | | Formgewicht max. weight of mould max. | | kg | 80 |
| Trockentaktzeit dry cycle time | sec | 1,7 | Schließkraft mould closing force | | kN | 30 |
| Maximale Anzahl Zyklen max. number of cycles | $\frac{1}{\text{min}}$ | 15 | Nettogewicht mit Extruder, max. net weight with extruder, max. | | kg | 3500 |
| Betriebsdruck, pneumatisch operating pressure, pneumatic | bar | 8-10 | Gewicht Aufnahmewerkzeug, max. weight of pickup tool, max. | | kg | 25 |
| Betriebsdruck, Kühlwasser cooling water pressure | bar | 4 | Motor Ölpumpe oil pump motor rating | | kW | 11 |

| Extrusionsköpfe / extrusion heads | | | | Auswahl / selection | | | | |
|-----------------------------------|-------------------|----------------------------|--------------------------|---------------------|-------------------|----------------------------|--------------------------|------------------------------|
| Typ type | Material resin | Düsenanzahl no. of dies | Düsen ϕ die dia. | Typ type | Material resin | Düsenanzahl no. of dies | Düsen ϕ die dia. | Stich mm center. distance |
| BKSV 55 | PE/PP | 1 | 55 | 2 BKSV 30/85 V | PE/PP | 2 | 30 | 85 |
| BKSV 75 | PE/PP | 1 | 75 | 2 BKSV 40/100 V | PE/PP | 2 | 40 | 100 |
| BKD 51 | PE/PVC | 1 | 47 | 3 BKSV 30/60 B | PE/PP | 3 | 30 | 2 x 60 |
| BKD 60 | PVC | 1 | 85 | 2 BKD 40/85 | PVC | 2 | 35 | 85 |
| | | | | 2 BKD 40/100 | PVC | 2 | 35 | 100 |

| Extruder / extruders | | Auswahl / selection | | | | | | | |
|--|---------------------|--|----------------------|---------------------|---------------------|--|---------------------|----------------------|---------|
| | | Glattrohretruder plain barrel extruders | | | | Nutenrohretruder grooved barrel extruders | | | |
| Typ / type Arbeitslänge / screw ratio | D | S 531 S/ 20 D | S 531 S/ 24 D | S 633 S/ 20 D | S 633 S/ 24 D | | S 531 SN/ 20 D | S 601 SN/ 20 D | |
| Schneckendurchmesser screw diameter | mm | 50 | 50 | 60 | 60 | | 50 | 60 | |
| Drehzahlbereich bei 50 Hz screw speed range at 50 cps | Upm rpm | 15...60/ 27...108 | 14...62/ 26...113 | 14...62/ 22...98 | 14...62/ 22...98 | | 11...50/ 21...91 | 12...54/ 23...102 | |
| Antriebsleistung Schnecke screw rating | kW | 12 | 15 | 18 | 22 | | 18 | 26 | |
| Ausstoßleistung output capacity | HDPE | kg/h | 10...33 | | 15...65 | | HDPE | 15...60 | 25...95 |
| | PVC Pulver / powder | kg/h | 7...35 | 7...40 | 13...48 | 16...60 | HMPE | 14...60 | 27...95 |
| | PVC granul. | kg/h | 8...40 | 7...45 | 15...55 | 15...70 | PP | 7...35 | 17...70 |

| Verbrauchs- und Anschlußwerte / electrical, air and cooling consumption data | | | | | | | | |
|--|--------|---------------------------------|-----------|--|--|--|------|------|
| Heizleistung Extruder + Kopf, max. heating capacity extruder + head, max. | kW | 10,5 | 12,1 | 12,6 | 15 | | 12,8 | 12,4 |
| Gesamtanschlußwert kompl. Anlage, max. connected load of complete unit, max. | kW | 33,5 | 38,1 | 41,6 | 48 | | 41,8 | 49,4 |
| Form- + Extruder-Einlaufkühlung, max. cooling of mould and extruder feed zone, max. | HMPE | $\frac{\text{kJ}}{\text{kg/h}}$ | 720 + 150 | | Achtung! Die tatsächlichen Verbrauchswerte für Elektroenergie, Kühlung und Luft sind artikelabhängig und liegen im Durchschnitt bei ca. 60% der angegebenen Maximalwerte. Attention! Real consumption data for electric energy, cooling and air depend on the production. They will normally correspond to about 60% of the above maximum data. | | | |
| | PE | | 590 + 110 | | | | | |
| | PVC | | 420 + 70 | | | | | |
| Hydrauliktankkühlung, max. cooling hydraulic tank, max. | kJ/h | 29 700 | | Änderungen vorbehalten! Alterations reserved! | | | | |
| Luftbedarf (Ansaugzustand), max. compr. air requirement (intake), max. | NI/min | 1 500 | | | | | | |

Hauptabmessungen / main dimensions



* Achtung: Bei Sonderausführung andere Maße.
Note: Special executions require different dimensions