

GM 20k 1.E – Data Sheet

Clamping force	200 kN
Product volumes	0,4–20,0 l
Shuttle stroke	670 mm (up to 750 mm according to request)

Extruder information **Single station machine**

Screw diameter	80 mm
Extruder drive output	55 kW
Extruder output HD-PE	140 kg/h

Drive **electric**

Mould closing	electric
Carriage movement	electric
Blow pin movement	electric
Parison cutter	pneumatic
Deflashing	pneumatic
Extruder bobbing	electric
Wall thickness control	electric

Dimensions

Width	3 200 mm
Length	5 400 mm
Height	3 350 mm
Weight	19 200 kg

Standard machine features

- machine design based on over 30 years of experience
- automatic extruder revolution control for precise cycle stability and product quality
- optical sensor of parison length allows direct mould closing for exact position of the parison in the mould
- timer machine mode allows automatic run of the machine, regardless of parison length
- interruption of the automatic machine run causes stop of the extruder and starts the alarm
- the machine is equipped with total cycle counter and daily counter with reset option
- machine is equipped with storage for multiple product data recipes
- every machine is custom made according to customers requirements

Optional features for extra cost

- electric parison 200 point wall thickness control with high precision
- PID temperature controlled feeding zone for steady extruder output
- leak testing unit, which secures output of precise product only
- remote checking of the machine by modem, NET or GSM connection is possible

Main components

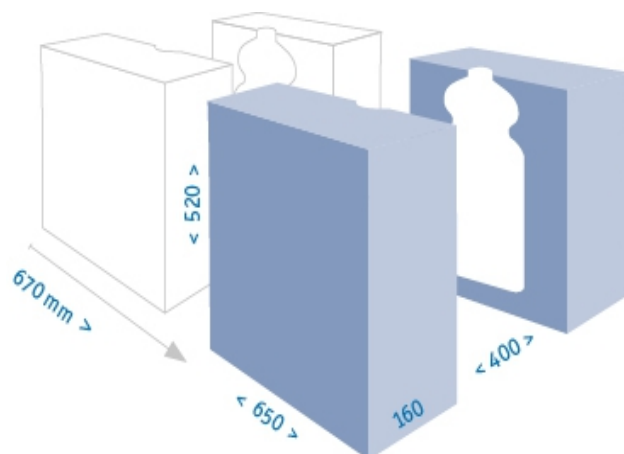
SMC, EXLAR, NORD, SANKYO Oilless Industry, Ziehl – Abegg, Wittmann, B&R, REXROTH, JUMO, Dynisco, Eaton, Murr...

Mould dimensions - stroke 670 mm	2 Cavities	3 Cavities	4 Cavities	5 Cavities
Standard center distance	250 mm	180 mm	140 mm	110 mm

GM20k

Extrusion blow moulding machines

GDK spol. s r.o., Czech Republic, č.p. 181, 360 01 Kolová
tel. / fax +420 353 331 391, www.gdk.cz



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GM 20k2.E - 670 Data Sheet

Clamping force	200 kN
Product volumes	0,4–20,0 l
Shuttle stroke	670 mm (up to 800 mm according to request)

Extruder information

Screw diameter	100 mm
Extruder drive output	115 kW
Extruder output HD-PE	270 kg/h

Drive

Mould closing	electric
Carriage movement	electric
Blow pin movement	electric
Parison cutter	pneumatic
Deflashing	pneumatic
Extruder bobbing	electric
Wall thickness control	electric

Dimensions

Width	3 200 mm
Length	5 400 mm
Height	3 350 mm
Weight	19 200 kg

Standard machine features

- machine design based on over 30 years of experience
- automatic extruder revolution control for precise cycle stability and product quality
- optical sensor of parison length allows direct mould closing for exact position of the parison in the mould
- timer machine mode allows automatic run of the machine, regardless of parison length
- interruption of the automatic machine run causes stop of the extruder and starts the alarm
- the machine is equipped with total cycle counter and daily counter with reset option
- machine is equipped with storage for multiple product data recipes
- every machine is custom made according to customers requirements

Optional features for extra cost

- electric parison 200 point wall thickness control with high precision
- PID temperature controlled feeding zone for steady extruder output
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- remote checking of the machine by modem, NET or GSM connection is possible

Main components

SMC, EXLAR, NORD, SANKYO Oilless Industry, Ziehl – Abegg, Wittmann, B&R, REXROTH, JUMO, Dynisco, Eaton, Murr...

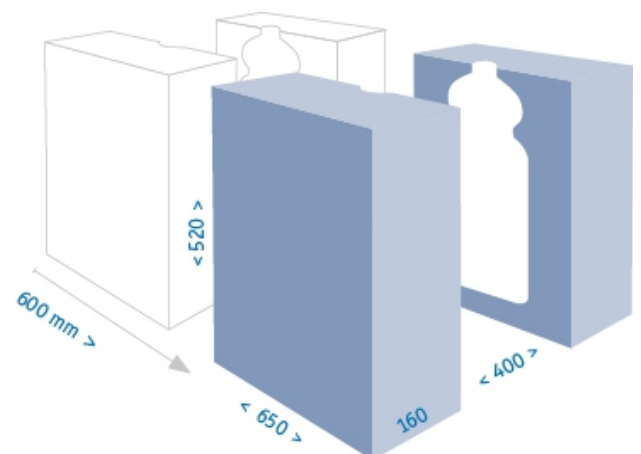
Mould dimensions - stroke 670 mm	2 Cavities	3 Cavities	4 Cavities	5 Cavities
Standard center distance	250 mm	180 mm	140 mm	110 mm

For different shuttle stroke than standard the mould width and centre distance changes accordingly.

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