



1.1.1 ALLROUNDER 320 K technical data

320 K technical data

Machine type		320 K	
EUROMAP size ¹⁾		700-100	700-250
Clamping unit			
Clamping force	max. kN	700	
Mould protection force	max. kN	5	
Opening stroke	max. mm	250	
Mould height	min. mm	200-400	
Clamping platen daylight	max. mm	650	
Tie bar daylight	mm	320 x 320	
Mould clamping platens (b x h)	mm	476 x 476	
Weight of movable mould half	max. kg	250	
Ejector force	max. kN	30	
Ejector stroke	max. mm	70	
Hydraulics, drive, general			
Hydraulic pump capacity	kW	11	15
Total connected load	²⁾ kW	18.4	23.6
Colour: plastic coating light grey / mint green			
Control cabinet			
Safety standards acc. to:		DIN EN 60204	
Single phase socket		1 x 10 A	
Three phase socket		1 x 16 A	
Injection unit		100	250
Screw diameter	mm	20/25/30	30/35/40
Effective screw length	L/D	25/20/16,7	23,3/20/17,5
Screw stroke	max. mm	100	150
Theoretical stroke volume	max. cm ³	31/49/70	106/144/188
Weight of injected part	³⁾ max. g/PS	26/41/59	89/121/158
Injection pressure	max. bar	2500/2240/1550	2470/1820/1390
Injection flow	max. cm ³ /s	56/88/128	112/154/202
Back pressure positive/negative	max. bar	350/200	350/140
Screw circumferential speed	max. m/min.	30/37/45	49/57/66
Screw torque	max. Nm	240/300/350	420/445/445
Nozzle contact force	max. kN	55	70
Nozzle retraction stroke	max. mm	180	240
Cylinder heating	W	1600+3 x 900	1600+ 3 x 1300
Nozzle heating	W	600	600
Feed hopper capacity	l	50	50
Horizontal injection position	max. mm	120	
Machine measurements and weights			
Oil filling	l	120	
Net weight	kg	2090	2190
Electrical connection (pre-fused)	²⁾ A	63	63

These technical data specifications refer to the state at the time of printing. We reserve the right to modify specifications in the interest of a continuous program of further development.

¹⁾ 1st figure: clamping force (kN)

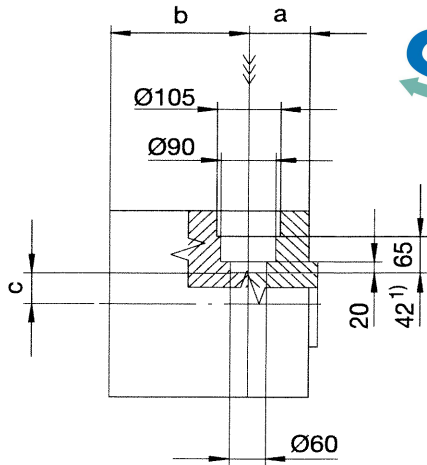
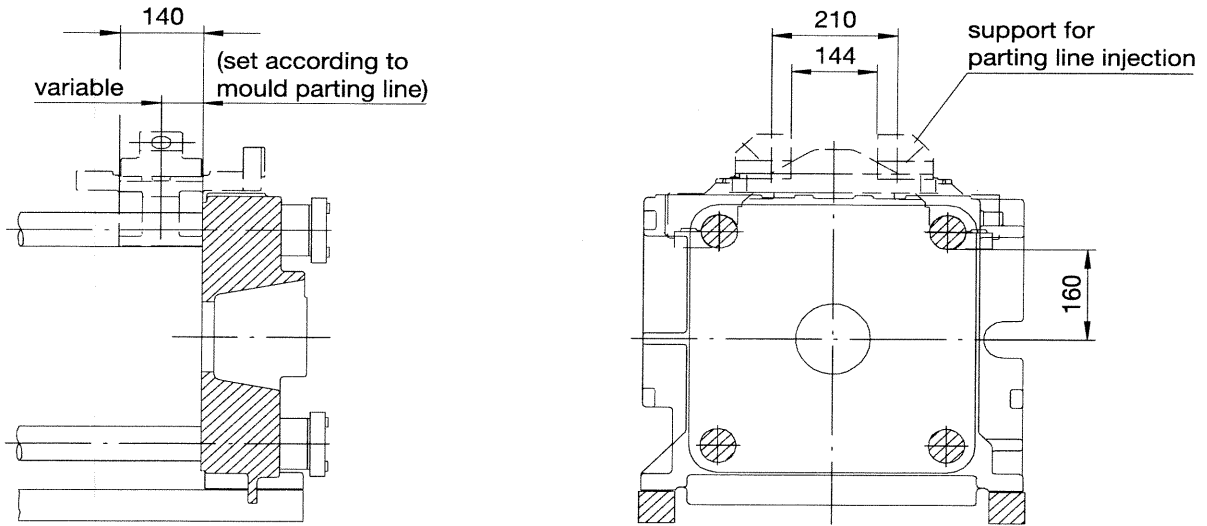
2nd figure: max. stroke volume (cm³) x max. injection pressure (kbar)

²⁾ Values apply to 400 V/50 Hz. The load is symmetrically distributed over the 3 phases as far as possible (heed machine extension stages)

³⁾ calculated with fill factor = 0,8

Mould installation dimensions for injection in the parting line (Europe)

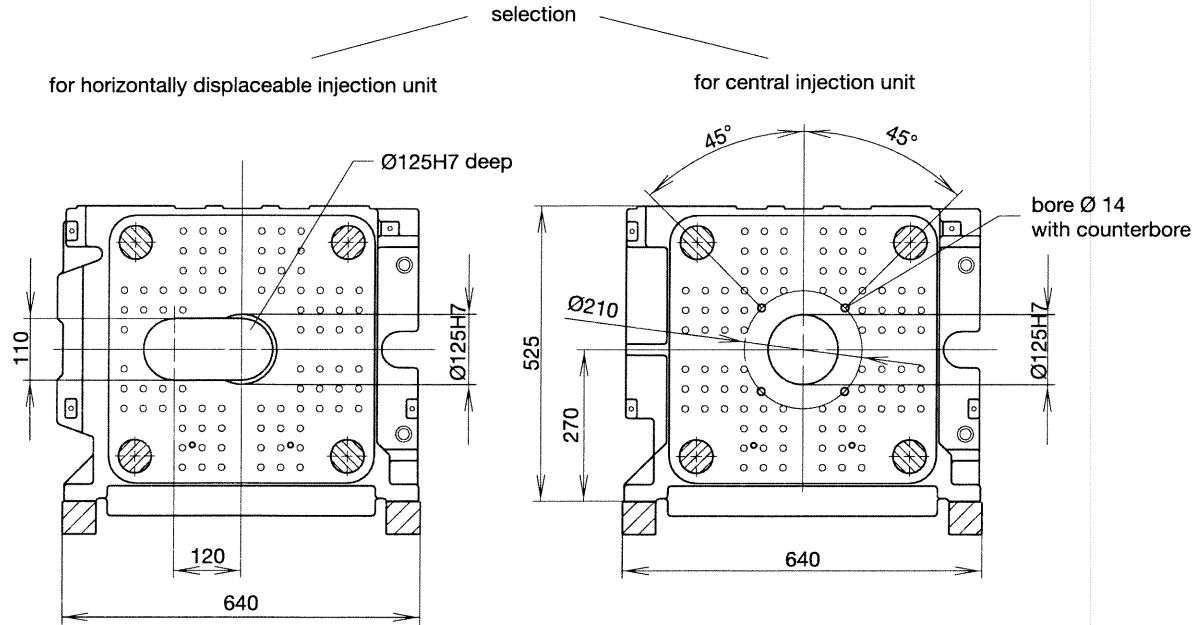
The technical details are those valid at the time of going to print. We reserve the right of modification in the interest of a continuous programme of further development.



	Injection position	with hydr. nozzle	with mech. mould clamping	with mech. mould clamping and hydr. nozzle
a min.	70	70	70	90
a max.	360	360	320	320
b min.	70	70	110	110
c min.	70/90 ¹	70	70/90 ¹	70/90 ¹

¹ dimensions for thermoset moulds

Fixed mould platen (Europe)



Movable mould platen

