

TECHNICAL DATA SHEET

ENGEL

2015-11-13

Rev 1.30 / An. HJ

Serial No.	205588
Customer	VC 330/80 TECH PRO 50183120
Machine designation	
Order number	

Clamping unit		
Clamping force	kN	800
Opening force	kN	28
Opening stroke	mm	450
Mold height min.	mm	350
Daylight max.	mm	800
Platen size (hor. x vert.)	mm	670 x 600
Mold weight max. Moving platen / Center of gravity	kg / mm	450 / 165
Ejector stroke	mm	100
Ejector force	kN	40
Dry operation (Euromap 6) time	sec	1.5
Dry operation (Euromap 6) stroke	mm	150

Injection unit 1		VC 330 * 2 / ...			
Screw diameter	mm	30	35	40	25
Screw stroke	mm	160			
Max injection capacity	cm ³	113	154	201	79
Screw speed max	r/min	400	400	320	400
Injection rate * 3	cm ³ /s	97	132	173	67
Injection rate (at the increased spec. inj. pressure)	cm ³ /s	72	97	127	50
Spec. Injection pressure	bar	2180	1600	1225	2400
Spec. Injection pressure increased	bar	2390	2175	1670	not possible
Nozzle stroke	mm	300			
Nozzle cont. pressure	kN	48.9			
Heating capacity * 4	kW	9.2	9.2	9.2	9.2
Number of heating zones incl. nozzle		4	4	4	4
Injection rate (with accumulator) **	cm ³ /s	425	579	756	295

Injection unit 2	
Screw diameter	mm
Screw stroke	mm
Max injection capacity	cm ³
Screw speed max	r/min
Injection rate * 3	cm ³ /s
Injection rate (at the increased spec. inj. pressure)	cm ³ /s
Spec. Injection pressure	bar
Spec. Injection pressure increased	bar
Nozzle stroke	mm
Nozzle cont. pressure	kN
Heating capacity * 4	kW
Number of heating zones incl. nozzle	

Drive	
Pump drive power (with nominal torque and rotation speed)	kW
Oil reservoir capacity	l 170

Weight and Dimensions	
Net clamping/injection unit (without oil fill)	ton 5.3
Length x width x height	m 4.0 x 1.5 x 2.0

* note :

* 2 Injection unit size =inj. capacity x inj. pressure max. / 1000

* 3 Data for GPPS(MVR 200/5=10cm³/10min) up to inj. unit 2550

Data for HDPE(MVR 190/2.16=5cm³/10min) from inj. unit 3550

* 4 For standard screw length

** Option