

B₁ KM 420

/ 1650
/ 2300
/ 3000

KM 420 B1

4200

239

100

91

1180 x 1090

800 x 710

1020

380

1400

250

94

 www.stvconnect.co.uk

SP 1650

1650

60 70 75

2151 1580 1377
769 1046 1201
692 941 1080
359 488 561

84.4

284/360

72 98 112

91 124 142

110

SP 2300

2300

70 80 90

2123 1626 1284
1096 1432 1813
986 1288 1631
365 477 604

84.4

218/284

83 108 137

108 141 178

172.5

SP 3000

3000

80 90 100

1960 1548 1254
1543 1953 2411
1388 1757 2170
395 500 618

84

149/218

80 102 126

177 149 184

172.5

75

29.5

6

1200

1970

29

9.66 x 2.39 x 2.775

75

35.5

7

1200

1970

30

10.04 x 2.39 x 2.775

75

43.9

7

1000

1970

31

10.31 x 2.39 x 2.775

Elektrische Anschlußwerte

Betriebsspannung 400 Volt, 50 Hz, 3 Ph. mit Nulleiter;

Steuerspannung 230 Volt, 50 Hz, 1 Ph.;

Heizspannung 400 Volt, 50 Hz, 1 Ph. mit Nulleiter

B₁ KM 500

/ 2300
/ 3000

KM 500 B1

5000

279

121

102

1340 x 1200

900 x 800

1170

480

1650

250

94

SP 2300

2300

70 80 90

2123 1626 1284
1096 1432 1813
986 1286 1631
365 477 604

84.4

218/284

83 108 137

108 141 178

172.5

75

35.5

7

1000

2280

33

10.56 x 2.39 x 2.875

SP 3000

3000

80 90 100

1960 1548 1254
1543 1953 2411
1388 1757 2170
395 500 618

84

149/218

80 102 126

117 149 184

172.5

75

43.9

7

1000

2280

34

10.83 x 2.39 x 2.875

Electric supplies

Operating voltage 400 Volt, 50 Hz, 3 Ph. and neutral;

Control voltage 230 Volt, 50 Hz, 1 Ph.;

Heating voltage 400 Volt, 50 Hz, 1 Ph. and neutral

Series

Injection Moulding Machine

Clamping unit

kN	Clamping force
kN	Mould opening force
	Travel force of the movable platen -
kN	Opening
kN	Closing
mm	Size of mould platens (h x v)
mm	Clearance between tie bars (h x v)
mm	Mould opening stroke max.
mm	Mould height min.
mm	Max. daylight (uprated)
mm	Hydraulic ejector - stroke
kN	- force

Injection unit

	Working capacity
	Working capacity with screw stroke 3D
mm	Screw diameter
	L/D ratio
bar	Injection pressure
cm ³	Stroke volume max.
g	Shot weight max. in PS
cm ³ /s	Theoretical injection rate - standard
cm ³ /s	Theoretical injection rate - uprated
	(as optional extra with accumulator for C)
kW	Screw drive capacity
rpm	Screw speeds - standard/additional equip
	Plasticising rate for PS at
g/s	max. screw speed - standard
g/s	- uprated
kN	Nozzle pressure

Electric and hydraulic equipment

kW	Nominal capacity of pump motor (uprated)
kW	Installed heating capacity
	Adjustable barrel heating zones
l/h	Dry cycles
appr. ltr.	Oil filling

Dimensions and weights

appr. t	Net weight including control cabinet
m	Installation dimension (l x w x h)