

Technical Data – ARBURG ALLROUNDER 420 C 1300-350

Machine Type: 420 C 1300-350

Clamping Unit:

Clamping force: 1300 kN

Opening force: 35/350 kN

Opening stroke: 500 mm

Mould installation height (min): 250 mm

Distance between platens (max): 750 mm

Tie bar spacing: 420 x 420 mm

Clamping plates (w x h): 605 x 605 mm

Max mould weight (moving half): 600 kg

Ejector force: 40 kN

Ejector stroke: 175 mm

Hydraulics / Drive:

Hydraulic pump power: 22 kW

Installed total power: 33.9 kW

Electrical Cabinet:

Safety standard: DIN EN 60204

Socket (Schuko): 1 x 10 A

Socket (Cekon): 1 x 16 A

Injection Unit (350):

Screw diameter: 35 / 40 / 45 mm

Effective screw length (L/D): 23 / 20 / 18

Screw stroke: 145 mm

Calculated shot volume: 139 / 182 / 230 cm³

Shot weight (PS): 127 / 166 / 210 g

Injection pressure: 2500 / 2120 / 1670 bar

Injection flow rate: 128 / 168 / 212 cm³/s

Injection flow with accumulator: 492 / 642 / 814 cm³/s

Back pressure: 350 / 160 bar

Screw speed: 47 / 53 / 60 rpm

Screw torque: 560 / 640 / 700 Nm

Nozzle contact force: 65 kN

Nozzle stroke: 300 mm

Heating:

Cylinder heating: 4 x 2200 W

Nozzle heating: 600 W

Other:

Material hopper capacity: 50 L

Max horizontal injection position: 170 mm

Dimensions & Weight:

Oil filling: 240 L

Net weight: 4080 kg

Electrical connection: 100 A