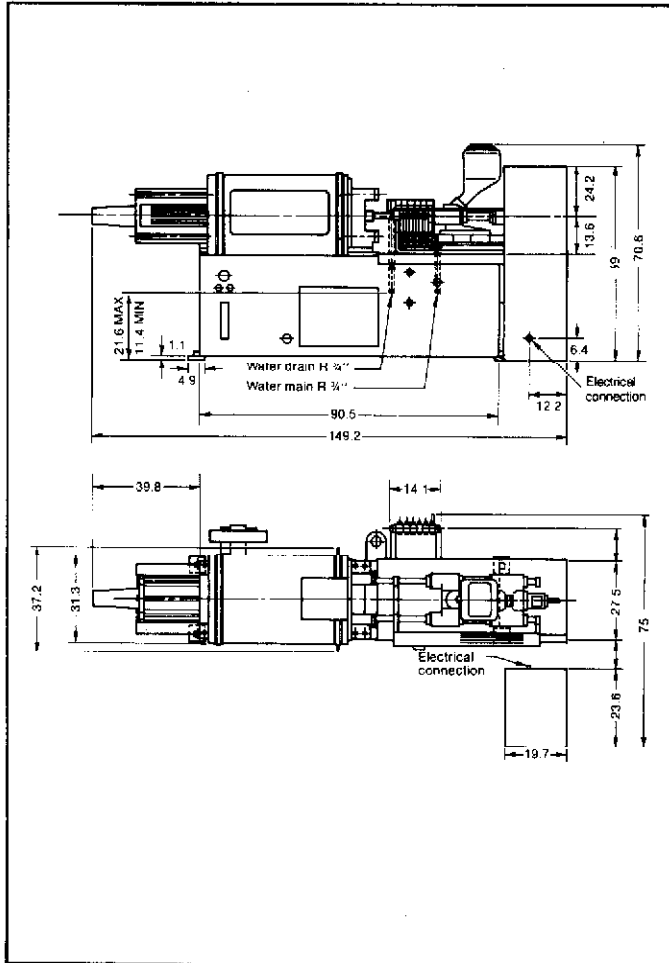


(all dimensions in inches)

320

FLOOR PLAN



SPECIFICATIONS

General	
Weight without oil, lbs. (net)	5290 (E only)
Water supply and drain, in.	3/4
Pump motor, Kw (HP)	18.6 (24.9)
Hydraulic oil required, gal.	66
Dry, cycles, 1/h	1800
Total connected load, Amp (230V)	95
Voltage	230V, 3-phase, 60 Hz
Clamp	
Clamping pressure, U.S. Tons	83
Mold opening stroke (adjustable), in.	max. 14.75
Daylight, in.	24.6
Mold height, in.	min. 9.85
Platen size (hor. & vert.), in.	19.3 x 19.3
Distance between tiebars, in.	12.60 x 12.60
Max. mold size, in.	12.60 x 19.30
Hydraulic ejector force, U.S. Tons	4.2
Max. stroke of hydraulic ejector, in.	5.9
Injection	
Screw diameters available, mm	25 30 35 40
Max. shot cap., oz. styrene (90%)	2.38 3.41 4.64 6.11
Max. effective screw stroke, in.	5.7
Max. swept volume, in. ³	4.33 6.28 8.48 11.10
Max. shot vol.	
90% of theoretical, in. ³	3.89 5.65 7.63 9.99
Nozzle pressure, U.S. Tons	7.9
Max. injection force, U.S. Tons	16
Max. injection pressure, psi	42,786 27,733 21,756 16,679
Infinitely variable screw spd., rpm	10-550
Screw torque, ft. lbs.	275
Nozzle retraction stroke, in.	7.0
Cylinder heating (3 zones), watts	5250
Nozzle heater band, watts	200
Material hopper capacity, lbs.	50

Arburg conducts a continuing program of technical development and, therefore, must reserve the right to change specifications at any time.

Arburg 320.max