

# UBE Z-MAX UZ1000

## Clamping Unit

Clamping force		US Ton	1000
Tie Bar Spac (H X V)		inch	60.00 X 50.00
Platen Size (H x V)		inch	76.92 X 66.92
Die Height		inch	19.69 - 52.75
Clamping Stroke		inch	55.11
Daylight	Standard	inch	74.80 - 102.35
	T-Slot Casting	inch	74.80 - 102.35
	T-Slot Plate	inch	72.83 - 100.38
Ejection Force		US Ton	27.6
Ejector Stroke		inch	7.87

## Injection Unit

Standard			X
Nominal Unit Size		i80	
Screw Type		A	B
Screw Diameter	inch	3.94	4.41
Theoretical Injection Capac	cu. in.	277.96	348.69
Injection Weight (GPPS)	lb.	9.25	11.60
	oz.	147.80	185.40
Injection Pressure	PSI	24,860	19,820
Injection Rate	cu. in/sec.	48.33	60.65
Screw Speed	rpm.	120	
Plasticating Capacity PS ABS	Lb./hr.	950	995
	Lb./hr.	1,105	1,170

## General

Motor	HP	100+40 = 140
Heater Capacity	kW	56.5
Quantity of Oil	US gal	400
Quantity of Cooling Water	US gal/min.	59 below 90 F
Nozzle Center Height	inch	62.6
Dimensions (L x W x H)	inch	510 x 101 x 111
Weight	Lb.	143,300

### Note:

- Nozzle center height excludes grout.
- Machine height excludes optional items, such as safety hook.
- Quantity of initial hydraulic oil is more than tank capacity as is includes for pipes.
- Mark . shows the standard injection unit for each model.
- Injection weight, injection rate and plasticating capacity depend on resin, molding conditions, etc
- Values may be changed without notice.