



Van Dorn Machines

170 HT

500 HP

500 HT

700 HP

1100 Caliber

300 HT

Model year	1995	1998	1994	1997	2000	1998
Pathfinder Controller	2500	3000	2500	3000	5000	3000
Shot size (oz.)	14	60	60	125	165	40
Intensification ratio	9.22:1	10.19:1	10.55:1	10.5:1	11.00:1	
Platen size (inch)	29 x 29	47 x 47	47.8 x 47.8	62.0 x 53.5	68.9 x 59.1	37 x 37
Distance between tiebars V, H	20, 20	36.5, 32.5	32.5, 32.5	45, 36.5	55, 45	25,25
Minimum mold thickness	6	12	10	16	19.7	8
Maximum mold thickness	18	-	29	-	51.2	24
Maximum daylight (in.)	35	51.5	61	59	94.5	49
Maximum Ejector stroke (inch.)	4	6	6	6	10.8	6
Ejector Pattern with 1" Ø KO holes from CL	2x8, 3.5	2x8, 3.5	2x8 3x14, 5x20, 3.5	2x8, 3.5	-	2x8 3x14, 5x20, 3.5
Ejector Pattern with 2" Ø KO holes from CL	-	3x14, 5x20, 8x26	-	3x14, 5x20, 8x26	3x14, 5x20, 8x26	-
Dual Air blow circuits	-	Yes	Yes	Yes	-	Yes
Hydraulic core pulls	1	2 (config)	2 (config)	2 (config.)	4 (config.)	1
Retractable tiebars	-	-	-	-	Yes	-
Maximum Mold Weight (lbs)	-	-	-	-	35,000	-
Servo 3 axis robot	Yes	-	-	-	Yes	-
Mixing Tip	-	Yes	-	Yes	Yes	-
Mixing screw	-	-	Yes	-	-	-

Company Overview

- *ISO Certified
- *Fully integrated operating & inventory system
- *DOE & TPO capability
- *CMM capability
- ISO 17025 certified
- *Mold maker services available upon request
- *Environmentally controlled Atmosphere
- * Operating Hours are 7:00 am to 5:00 pm

Material

- Driers
 - 4 - 150 CFM
 - 1 - 850 CFM
- Mixer
 - 1 - 600 lbs/hr 3 part
- Grinders
 - 1 - Nelmore RG 1215M1

Hoppers

- 1 - 275#
- 4 - 400#
- 1 - 600 #
- 2 - 2500 #

Mold

Hot Runner Controllers

- 4- Single zone (DME)
- 4 - 12 zone (DME)
- 1 - 24 zone (PETS)
- 1 - 36 zone (PETS)

Pressure Transducers

- 1 - RJG Dartpak portable analysis Kit

Water

Thermolators

- 2 - 3/4 HP
- 3 - 2 HP
- 2 - 7.5 HP

Chiller

- 1 - 7.5 ton

Specialty

- 1 - Gas assist (Dual unit)
- 1 - Hydraulic valve gate controller
- 1 - Hydraulic/ Pneumatic valve gate controller with remote capability

Updated: 8-22-05