

venus
Venus All Electric Series



mars
Mars Energy Efficient Servo Drive



jupiter
Jupiter Energy Efficient Two Platen



45 - 460 Ton



High Performance Servo Motor



Twin Ball Screws



Auto Lubricating Clamping Unit

Venus All Electric Injection Molding Machine

The Zhafir Venus Series of all-electric injection molding machines targets the high-tech market of plastics processing. The Zhafir Venus Series works in a broad range of applications due to its high quality globally sourced components. This applies in particular to the zero-defect standard electric and electronic industry, high quality requirements of the optical industry, clean room applications, thin-wall and micro molding.

- * Economize: 20-70% less energy consumption compared to hydraulic machines
- * Robust: Stable machine design and high quality components
- * Sophisticated: Latest control technology from Sigmatek
- * Modular: Different injection units and screw sizes
- * Precise: Version for high speed injection
- * Efficient: Parallel movements on all axis
- * Fast: Dynamic servo drives
- * Many standard features including robot interface, air blast, feed throat temperature control...

The innovative Zhafir Venus series is based on proven technology and qualified components to manage all processing tasks.

67 - 2,700 Ton



The Innovative Servo Drive Energy Saving Concept



Automatic Clamp Lubrication System

Mars Servo Drive Injection Molding Machine

The Mars series of machines offer a versatile and economical alternative to an all electric machine. It offers both the energy efficiency of an all electric and improved process repeatability compared to a conventional hydraulic toggle.

The machine features a servo motor driven gear pump hydraulic configuration which delivers oil when needed for the various functions.

- * Innovative: New servo drive concept
- * Stable: Complete closed-loop control
- * Economize: 20-80% less energy consumption compared to conventional hydraulic machines
- * Fast: Dynamic servomotor with a response time of only 0.05 sec.
- * Quiet: Lower noise levels, particularly in low speed applications
- * Many injection drive combinations to provide increased processing capability and optimal cycle times
- * Many standard features including dual core pull, robot interface, air blast, feed throat temperature control ...

The Mars machine will raise your molding operation to the next level of efficiency and precision.

1,350 - 6,750 Ton



Rigid and Stable Low Profile Design



Energy Saving Servo Drive

Jupiter Two Platen Servo Drive Injection Molding Machine

The Jupiter series of machines offer the energy saving servo drive concept along with the reduced footprint and large capability of two platen injection molding machines.

- * Innovative servo drive technology uses 20-80% less energy than conventional two platen machines.
- * Generous mold installation area and extra long opening stroke provides the flexibility and freedom for running heavy and large volume molds
- * Innovative tie bar guide system for the movable platen ensures stable machine operation, reducing the impact caused by ground deformation
- * Powerful clamping force is able to ensure the quality of deep-draw plastics parts processing
- * Many injection drive combinations to provide increased processing capability and optimal cycle times
- * Many standard features including dual core pull, robot interface, air blast, feed throat temperature control ...

The Jupiter two platen machine series offers an energy saving, rigid and stable design for large capacity molding applications.



HAITIAN Venus Series					
Model Number	Clamp Force (U.S. tons)	Injection Capacity (oz. PS)			Tie Bar Spacing (Inches)
		A	B	C	
Venus 400-85	45	0.51	1.16	1.60	12.00X11.02
Venus 400-85H	45	0.51	1.16	1.60	
Venus 600-85	67	0.51	1.16	1.60	
Venus 600-85H	67	0.51	1.16	1.60	
Venus 600-120	67	1.16	1.83	2.47	14.57X12.80
Venus 600-120H	67	1.16	1.83	2.47	
Venus 900-120	101	1.16	1.83	2.47	
Venus 900-120H	101	1.16	1.83	2.47	
Venus 900-210	101	2.26	3.21	4.09	16.54X14.57
Venus 900-210H	101	2.26	3.21	4.09	
Venus 1200-210	135	2.26	3.21	4.09	
Venus 1200-210H	135	2.26	3.21	4.09	
Venus 1200-300	135	3.74	4.73	5.86	19.00X14.54
Venus 1200-300H	135	3.74	4.73	5.86	
Venus 1500-300	188	3.74	4.73	5.86	
Venus 1500-300H	188	3.74	4.73	5.86	
Venus 1500-430	188	5.54	6.84	8.68	20.47X14.50
Venus 1500-430H	188	5.54	6.84	8.68	
Venus 1900-430	244	5.54	6.84	8.68	
Venus 1900-430H	244	5.54	6.84	8.68	
Venus 1900-580	244	8.88	10.23	12.63	22.46X20.47
Venus 1900-580H	244	8.88	10.23	12.63	
Venus 2300-580	299	8.88	10.23	12.63	
Venus 2300-580H	299	8.88	10.23	12.63	
Venus 2300-750	299	10.72	13.23	16.01	24.41X22.44
Venus 2300-750H	299	10.72	13.23	16.01	
Venus 3000-1100	337	15.40	18.27	21.76	
Venus 3000-1100H	337	15.40	18.27	21.76	
Venus 3000-1400	337	19.82	23.56	27.69	26.39X24.41
Venus 3000-1400H	337	19.82	23.56	27.69	
Venus 4100-1100	461	15.40	18.27	21.76	
Venus 4100-1100H	461	15.40	18.27	21.76	
Venus 4100-1700	461	25.40	29.81	34.57	29.13X29.13

HAITIAN Mars Servo Series						
Model Number	Clamp Force (U.S. tons)	Injection Capacity (oz. PS)				Tie Bar Spacing (Inches)
		A	B	C	D	
SA-SA-M A600100	67	1.23	1.09			12.2x12.2
SA-SA-M A600150	67	2.12	2.82	3.60		12.20x12.20
SA-SA-M A900300	101	3.88	4.90	6.08		14.17x14.17
SA-SA-M A1200400	135	5.54	6.88	8.68		16.14x16.14
SA-SA-M A1600600	188	8.11	10.26	12.66		18.50x18.50
SA-MA2000700	225	10.72	13.23	16.01		20.87x20.87
SA-MA23001000	281	15.40	18.31	21.80		22.83x22.83
SA-MA26001300	316	19.82	23.60	27.69		24.80x24.80
SA-MA32001700	380	25.40	29.81	34.60		26.77x26.77
SA-MA38002250	427	34.29	36.75	45.68	51.96	28.74x28.74
SA-MA47002950	528	46.71	59.72	65.82	75.56	32.28x32.28
SA-MA53004500	596	71.01	80.14	89.84	110.93	33.87x33.87
SA-MA60004500	634	71.01	80.14	89.84	110.93	34.65x34.65
SA-MA7000	787	72.50	81.70	113.20	137.00	37.70x37.70
SA-MA8000	898	96.80	118.30	140.00	170.00	39.40x39.40
SA-MA9000	1013	96.80	118.30	140.00	170.00	43.5x43.5
SA-MA10000	1124	128.00	155.00	185.00	217.00	45.70x46.70
SA-MA12000	1349	128.00	155.00	185.00	217.00	49.21x49.21
SA-MA13000	1461	161.00	198.00	234.00	271.00	53.76x53.76
SA-MA14000	1574	196.00	234.00	271.00		57.89x57.89
SA-MA14000	1798	244.00	311.00	359.00		61.82x61.82
SA-MA18000	2079	264.00	311.00	359.00		64.96x64.96
SA-MA21000	2360	316.00	356.00	405.00		68.90x68.90
SA-MA24000	2640	354.00	405.00			70.87x70.87
SA2000(A)	2698		354.79			72.83X68.93
SA2000(B)	2698		835.2			72.83X68.93
SA2000(A&B)	3147	619.21		1128.4		74.80X68.90
SA2000(C)	3147		1397.25			74.80X68.90
SA3000	3706		1397.25			85.84X74.80
SA4000	4496		1815.17			94.89X78.74



A.C. Wilson Enterprises, Inc.

Phone East: 440 834 9482

Phone West: 702 448 2876

Web: www.acwei.com

E-mail: sales@acwei.com

HAITIAN Jupiter Series						
Model Number	Clamp Force (U.S. tons)	Injection Capacity (oz. PS)				Tie Bar Spacing (Inches)
		A	B	C	D	
JJ13000(8400)	1349	128.00	155.00	185.00	217.00	51.96x47.26
JJ13000(10500)	1461	161.00	198.00	234.00	271.00	54.33x50.40
JJ14000(10500)	1574	196.00	234.00	271.00		57.48x50.40
JJ16000(13700)	1798	244.00	311.00	359.00		61.82x57.00
JJ18000(13700)	2079	264.00	311.00	359.00		64.96x61.00
JJ18000(15500)	2079		835.00			64.96x61.00
JJ20000(15500)	2247	316.00	356.00	405.00		70.87x62.00
JJ20000(17000, 35000)	2247	618.00		835.00		70.87x62.00
JJ20000(17000, 35000)	2606	618.00		835.00		74.81x68.00
JJ21000(17000, 48000)	3087	618.00		1128.00		78.74x70.87
JJ20000(16000)	3087		1395.00			78.74x70.87
JJ20000(16000)	3638		1395.00			85.84x74.80
JJ40000(89000)	4410		1812.00			91.74x78.74
JJ50000(120000)	5617		5481.00			99.22x85.00
JJ60000(165000)	6741		3599.00			104.73x90.55



Haitian Injection Molding Machinery

Zhafir Venus Servo Electric Series



Haitian Mars Servo Hydraulic Series



Haitian Saturn Hydraulic Series



Jupiter Energy Efficient Two Platen



Continuous improvement is a policy at ACWEI, so we reserve the right to change information without prior notice or obligation and can not guarantee the accuracy of information in this brochure.