

Machine Name : Vertical Machining Center

Brand : Chiron

Machine Model : GLV1370

Stock No. : 469276

Ex-factory Date : 2026



Main Technical Parameters:

Worktable size: 1400 × 700 mm

Worktable load: 800 kg

travel (X) : 1300 mm

travel (Y) : 700 mm

travel (Z) : 700 mm

Geometric precision standard: GB/T 18400.2-2010

Position precision standard: GB/T 18400.4-2010

Positioning precision: $\pm 0.003/300\text{mm}$

Repeated Positioning precision: $\pm 0.002/300\text{mm}$

Number of control axes (X, Y, Z) : 3 axes

spindle taper/tool holder form: 7:24/BT40

Maximum spindle speed: 10,000 rpm

headstock drive method: strap

Distance from spindle nose to Worktable surface: 120-820 mm

Distance from spindle center to the column guideway surface is 798 mm

fast movement rate (X/Y/Z) : 36/36/32 m/min

Cutting feed rate (X/Y/Z axes) : 0-12000 mm/min

guideway type: Linear guideway

Closed protective cover: Overall full protection

The balancing method of spindle component: dynamic balancing G1

T-slot: 5-18*145mm

machine tool capacitance: 20.8KVA

Compressed air for machine tool: 6-8kg

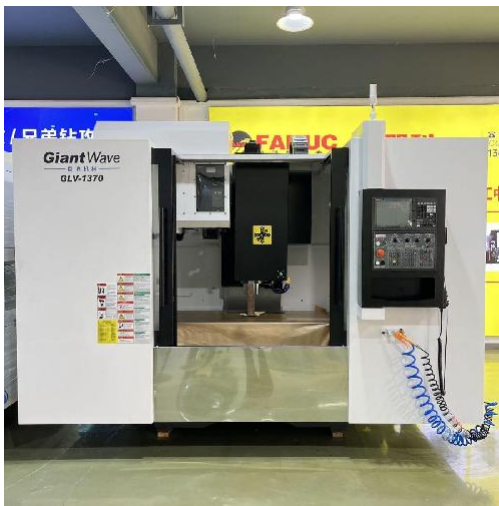
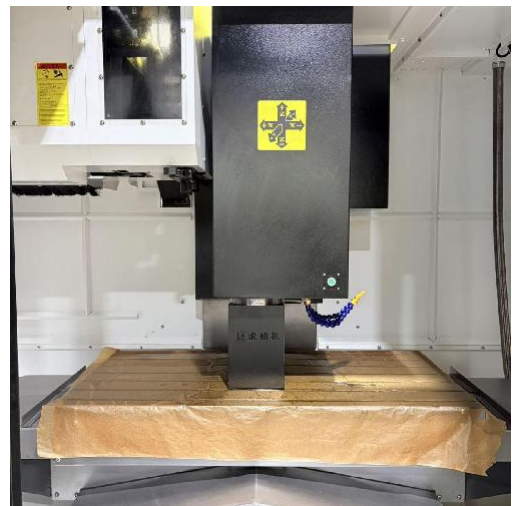
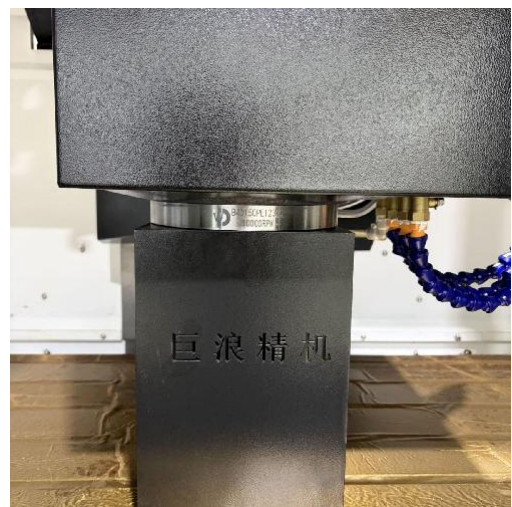
Power supply requirements: 3 to 380V $\pm$ 10%, 50Hz

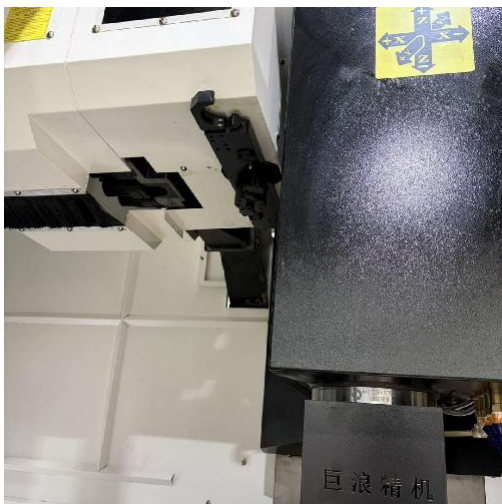
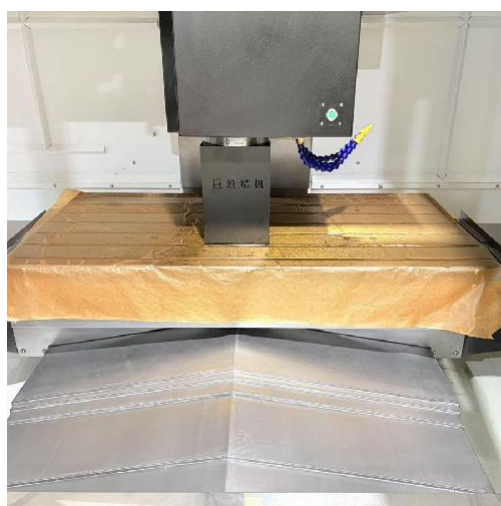
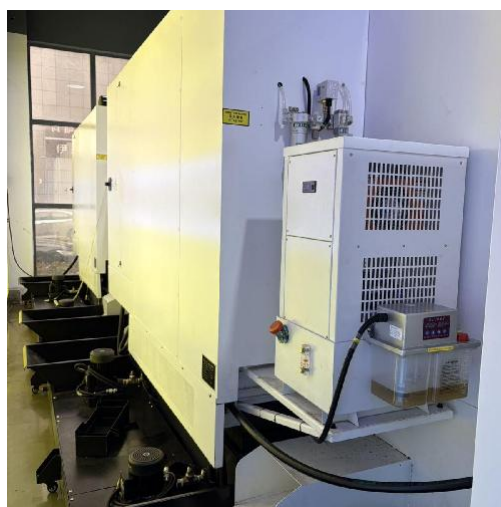
Ambient temperature requirement: 0°C to +40°C

Closed protective cover: Overall full protection

Overall dimensions (length × width × height) : 3510×3000×3100mm

The weight of machine tool is approximately 9,500 kg





技术参数表规格		
4	工作台面尺寸(长×宽)	1500×1000mm
5	工作台面载重	820 kg
6	行程X	1500mm
7	Y	700mm
8	Z	700mm
9	行程精度	0.01/15 000, 0.02/10
10	位置精度标准	0.02/15 000, 0.02/10
11	定位精度	±0.002/500mm
12	重复定位精度	±0.002/500mm
13	控制轴数 (X、Y、Z)	3轴
14	主轴接口/刀柄形式	7:24/BT40
15	主轴最大转速	10020 rpm
16	主轴驱动方式	电主轴
17	主轴到台面工作台面距离	150-820 mm
18	主轴中心距立柱导轨距离	528 mm
19	快速移动速度 (X/Y/Z)	36/36/32 m/min
20	进给速度 (X/Y/Z)	2-12000 mm/min
21	导轨形式	线轨导轨
22	刀库/刀架形式	旋转刀架
23	刀架平衡方式	气动平衡
24	T型槽	6-58x15mm
设备工作条件		
25	机床重量	30-35吨
26	机床用电容量	8-10kw
27	环境要求	5-35℃±10% 湿度

品牌/型号	规格/材料	数量/备注	备注
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关键配件清单

序号	名称	产地	型号
1	数控系统	日本	三菱2006/新发和发C1.2
2	主轴头	德国/瑞士	博世/发那科/德马吉
3	丝杆	中国台湾	THK/NSK/上银
4	导轨	中国台湾	THK/NSK/上银
5	刀架	中国	30/45/60/75/90/110/125/150/175/200/225/250/275/300/325/350/375/400/425/450/475/500/525/550/575/600/625/650/675/700/725/750/775/800/825/850/875/900/925/950/975/1000/1025/1050/1075/1100/1125/1150/1175/1200/1225/1250/1275/1300/1325/1350/1375/1400/1425/1450/1475/1500/1525/1550/1575/1600/1625/1650/1675/1700/1725/1750/1775/1800/1825/1850/1875/1900/1925/1950/1975/2000/2025/2050/2075/2100/2125/2150/2175/2200/2225/2250/2275/2300/2325/2350/2375/2400/2425/2450/2475/2500/2525/2550/2575/2600/2625/2650/2675/2700/2725/2750/2775/2800/2825/2850/2875/2900/2925/2950/2975/3000/3025/3050/3075/3100/3125/3150/3175/3200/3225/3250/3275/3300/3325/3350/3375/3400/3425/3450/3475/3500/3525/3550/3575/3600/3625/3650/3675/3700/3725/3750/3775/3800/3825/3850/3875/3900/3925/3950/3975/4000/4025/4050/4075/4100/4125/4150/4175/4200/4225/4250/4275/4300/4325/4350/4375/4400/4425/4450/4475/4500/4525/4550/4575/4600/4625/4650/4675/4700/4725/4750/4775/4800/4825/4850/4875/4900/4925/4950/4975/5000/5025/5050/5075/5100/5125/5150/5175/5200/5225/5250/5275/5300/5325/5350/5375/5400/5425/5450/5475/5500/5525/5550/5575/5600/5625/5650/5675/5700/5725/5750/5775/5800/5825/5850/5875/5900/5925/5950/5975/6000/6025/6050/6075/6100/6125/6150/6175/6200/6225/6250/6275/6300/6325/6350/6375/6400/6425/6450/6475/6500/6525/6550/6575/6600/6625/6650/6675/6700/6725/6750/6775/6800/6825/6850/6875/6900/6925/6950/6975/7000/7025/7050/7075/7100/7125/7150/7175/7200/7225/7250/7275/7300/7325/7350/7375/7400/7425/7450/7475/7500/7525/7550/7575/7600/7625/7650/7675/7700/7725/7750/7775/7800/7825/7850/7875/7900/7925/7950/7975/8000/8025/8050/8075/8100/8125/8150/8175/8200/8225/8250/8275/8300/8325/8350/8375/8400/8425/8450/8475/8500/8525/8550/8575/8600/8625/8650/8675/8700/8725/8750/8775/8800/8825/8850/8875/8900/8925/8950/8975/9000/9025/9050/9075/9100/9125/9150/9175/9200/9225/9250/9275/9300/9325/9350/9375/9400/9425/9450/9475/9500/9525/9550/9575/9600/9625/9650/9675/9700/9725/9750/9775/9800/9825/9850/9875/9900/9925/9950/9975/10000/10025/10050/10075/10100/10125/10150/10175/10200/10225/10250/10275/10300/10325/10350/10375/10400/10425/10450/10475/10500/10525/10550/10575/10600/10625/10650/10675/10700/10725/10750/10775/10800/10825/10850/10875/10900/10925/10950/10975/11000/11025/11050/11075/11100/11125/11150/11175/11200/11225/11250/11275/11300/11325/11350/11375/11400/11425/11450/11475/11500/11525/11550/11575/11600/11625/11650/11675/11700/11725/11750/11775/11800/11825/11850/11875/11900/11925/11950/11975/12000/12025/12050/12075/12100/12125/12150/12175/12200/12225/12250/12275/12300/12325/12350/12375/12400/12425/12450/12475/12500/12525/12550/12575/12600/12625/12650/12675/12700/12725/12750/12775/12800/12825/12850/12875/12900/12925/12950/12975/13000/13025/13050/13075/13100/13125/13150/13175/13200/13225/13250/13275/13300/13325/13350/13375/13400/13425/13450/13475/13500/13525/13550/13575/13600/13625/13650/13675/13700/13725/13750/13775/13800/13825/13850/13875/13900/13925/13950/13975/14000/14025/14050/14075/14100/14125/14150/14175/14200/14225/14250/14275/14300/14325/14350/14375/14400/14425/14450/14475/14500/14525/14550/14575/14600/14625/14650/14675/14700/14725/14750/14775/14800/14825/14850/14875/14900/14925/14950/14975/15000/15025/15050/15075/15100/15125/15150/15175/15200/15225/15250/15275/15300/15325/15350/15375/15400/15425/15450/15475/15500/15525/15550/15575/15600/15625/15650/15675/15700/15725/15750/15775/15800/15825/15850/15875/15900/15925/15950/15975/16000/16025/16050/16075/16100/16125/16150/16175/16200/16225/16250/16275/16300/16325/16350/16375/16400/16425/16450/16475/16500/16525/16550/16575/16600/16625/16650/16675/16700/16725/16750/16775/16800/16825/16850/16875/16900/16925/16950/16975/17000/17025/17050/17075/17100/17125/17150/17175/17200/17225/17250/17275/17300/17325/17350/17375/17400/17425/17450/17475/17500/17525/17550/17575/17600/17625/17650/17675/17700/17725/17750/17775/17800/17825/17850/17875/17900/17925/17950/17975/18000/18025/18050/18075/18100/18125/18150/18175/18200/18225/18250/18275/18300/18325/18350/18375/18400/18425/18450/18475/18500/18525/18550/18575/18600/18625/18650/18675/18700/18725/18750/18775/18800/18825/18850/18875/18900/18925/18950/18975/19000/19025/19050/19075/19100/19125/19150/19175/19200/19225/19250/19275/19300/19325/19350/19375/19400/19425/19450/19475/19500/19525/19550/19575/19600/19625/19650/19675/19700/19725/19750/19775/19800/19825/19850/19875/19900/19925/19950/19975/20000/20025/20050/20075/20100/20125/20150/20175/20200/20225/20250/20275/20300/20325/20350/20375/20400/20425/20450/20475/20500/20525/20550/20575/20600/20625/20650/20675/20700/20725/20750/20775/20800/20825/20850/20875/20900/20925/20950/20975/21000/21025/21050/21075/21100/21125/21150/21175/21200/21225/21250/21275/21300/21325/21350/21375/21400/21425/21450/21475/21500/21525/21550/21575/21600/21625/21650/21675/21700/21725/21750/21775/21800/21825/21850/21875/21900/21925/21950/21975/22000/22025/22050/22075/22100/22125/22150/22175/22200/22225/22250/22275/22300/22325/22350/22375/22400/22425/22450/22475/22500/22525/22550/22575/22600/226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