

## Mechanical parts for an Endurance 6x5' 80 watt custom engraving/cutting machine

Item	Model/item N	Main features	Quantity
Structural shape	OB-4080S10-BP	Shape 40X80 mm. groove 10 mm (uncoated)	11
Structural shape	OB-2040-BP	Shape 20X40 mm. groove 6 mm (uncoated)	4
Right-angle connector	1008	Right-angle connector 40X40, light duty	8
Slot stone	5186	Slot stone, groove 10, M4	200
Slot stone	5073	Slot stone, groove 10, M6	300
Slot stone	5074	Slot stone, groove 10, M8	100
Blind joint	<b>1038CAP</b>	<b>Blind joint for a right-angle connector 40X40 mm</b>	<b>10</b>
Shape rails		Section-shaped slide rail 15 mm	9
Runner block (ball cylinder)		Ribless runner block (ball cylinder) for a rail 15 mm	5
Toothed belt	368	Open toothed belt XL 5.08/20mm	12
Toothed belt	204	Open toothed belt XL 5.08/10mm	7
Sheave XL	372	Sheave XL Z=12 for a belt 20mm	2
Sheave XL	261	Sheave XL Z=12 for a belt 10mm	1
Tightener	771	Tightener 20mm	4
Tightener	770	Tightener 10mm	1
Shape mini rail	1247	Shape mini rail MGN12 *600	1
MGN module	1253	Modul MGN12C	2
Socket	5071	Reducing socket DIY 5*8mm, L-25mm	2
Mirror holder	6054	Mirror holder D25 №2	2
Lens holder	6055	Lens holder D20	1
Reflecting mirror	6041	Reflecting mirror D25 (molybdenum)	3
Trapezoidal screw		Trapezoidal screw THSL-XXX-8D 1 заходный	2
Blind joint groove	AL-4.21.10.BK	Blind joint grooveовая groove 10	10
Polished spindle	SF8	Polished spindle 8 mm	3
iron		Sheet iron + aluminum shape	10

## Electronical parts for an Endurance 6x5' 80 watt custom engraving/cutting machine

Item	Model/item number	Main features	Amount
Stepper	ST57-100	4.2 A 2.6 Hm 3.8 mH	3
Stepper	ST42-40	1.2 A 0.32 Hm 2.4 mH	2
Stepper driver	DM556E	Voltage 20..50V, current up to 5.6 A	3
AC/DC converter	GY600W-48-A	output 40-48 V, current up to 12.0 A	2
AC/DC converter	NES-150-27	output 24-30 V, current up to 6.5 A	1
Inductive sensor	SN04-N	NPN, NO	6
End switches	SS-5GL2	Mini end switch	6
Switch	S202Z-2(S202UZ-2)	Electric lock for Jin Tay	1
Lighted toggle switch ON-OFF	ASW-14D (red)	(20A12VDC) SPST 3P Jietong Switch	2
Lighted toggle switch ON-OFF	ASW-14D (green)	(20A12VDC) SPST 3P Jietong Switch	2
220W fan	EC1225A2HBL	120x120x25mm, roller bearing 2000 r/min Evercoo	1
Relay 1	HHC68A-1Z-24D	24VDC / 15A, 240VAC NCR	1
Relay socket	PTF08A	HHC68A-2Z (LY2) NCR	1
Grid (Bars)	FGF-120/M silver	Fan filter 120x120 mm (metal) Evercool	3
Power supply	MDR-10-24	24B, 0.42A, 10B TMEAN WELL	1
Knob	KE-021	"Stop" red	1
Signal lamp	XB7EV03MP	22mm 230B green (LED)	1
Signal lamp	XB7EV05MP	22mm 230B yellow (LED)	1
Signal lamp	XB7EV04MP	22mm 230B red (LED)	1
Signal lamp	XB7EV04BP	22mm 24B LED red	1
SB-7 knob	BBT40-SB7-K06	Start green	1
Contactora	ПМЛ 1160ДМ	16A 220AC УХЛ4 Б КЭА3 110546КЭА3	1
Signal lamp	XB7EV03BP	22mm 24B LED green	1
Bar type terminal	НШВИ 0.25-8	blue 0.25 mm <sup>2</sup>	50
Bar type terminal	НШВИ 0.5-8	white 0.5 mm	50
Bar type terminal	НШВИ 0.75-12	grey, 0.75mm <sup>2</sup> , length 12mm(pack)	3
Bar type terminal	НШВИ 1.5-8	(8mm) black 1.5 mm <sup>2</sup>	50
Holed cable duct	40x40	L2000 RL12 G ДКК 00134RL	3
Holed cable duct	25x40	L2000 RL12 G ДКК 00128RL	1
Pliable mesh guards	15PET-6 black	diameter from 4 to 10,5mm	8
Pliable mesh guards	15PET-12 black	diameter from 10 to 16mm	12
Pliable mesh guards	15PET-3 black	diameter from 2,5 to 5m	8
AC/DC converter	LRS-100-12	12V, 8.5A, 102W	1
Controller	RDC6442G	CNC controller delivery from Russia	1
Stepper driver	Tb6600	Stepper driver доставка из РФ	2
Cable chain	TP15x40	R28	7
Cable chain	TP15x15	R28	3
Cable chain	TP15x50	R28	3
Cable duct holder	Mount TP15x40	Holder TP15x40	4
Cable duct holder	Mount TP15x15	Holder TP15x15	2
Cable duct holder	Mount TP15x50	Holder TP15x50	2
Signal cable	PVC0.2x8STP	Shield, twisted pair cable, 8pc.(4 pairs)*0.2mm <sup>2</sup>	25
Signal cable	PVC0.2x4STP	Shield cable, twisted pair, 4pc.(2 pairs)*0.2mm <sup>2</sup>	8
Power cable	PVC0.75x4S	Shield power, 4pc*0.75mm <sup>2</sup>	8
Signal cable (add)	PVC0.2x4STP	shield, twisted pair cable, 4pc (2 pairs)*0.2mm <sup>2</sup>	0
Wire, etc			1
Box			1

## Laser components for Endurance 6x5' 80 watt custom engraving/cutting machine

High-voltage power supply for 80 watt Co2 tube
Holder for laser tubes with a diameter of 80mm (2pcs / pack)
Mirror d=25mm
Hailea ACO-500 air compressor 420 l / min
Co2 laser tube PURI PRR-1200, 80 watt
Laser focusing lens: d=20 mm, f=63 mm