



Part list								
Nr	QT	Part name	MATERIAL	Weight	Drawing nr	Comments		
1	1	Radial deep groove ball bearing	Generic	0,002 Kg	M-86100 6000 - 10 x 26 x 8			
2	4	Washer M5	Generic	0,000 Kg	PN-78/M-82005 4,8:3			
3	2	Radial deep groove ball bearing 5x13x4	Generic	0,000 Kg	PN-85/M-86100 619/5 - 5 x 13 x 4:2			
4	8	Washer M4	Generic	0,000 Kg	PN-78/M-82005 4,3:6			
5	2	Nut M4x0,7	Generic	0,000 Kg	M4-class of precision 5 and 10 - Metric M4 x 0.7 metal type			
6	2	Screw M4x16	Generic	0,000 Kg	PN-85/M-82105 Klasa B M 4 x 16:2			
7	1	SKF 624 ball bearing		0,000 Kg	4mm Bearing SKF 624 (RS 286-7798)			
8	1	Bottom fastening of power supply	Aluminium 6061	0,049 Kg	RapCraft-v1.3-00-101			
9	1	Top fastening of power supply	Aluminium 6061	0,244 Kg	RapCraft-v1.3-00-100			
10	1	Power switch		0,003 Kg	18007			
11	1	Power supply plugin		0,004 Kg	koncowka zasilacza			
12	3	Step motor NEMA17	Generic	0,081 Kg	STEPSYNH 103H5510			
13	38	Washer M4	Generic	0,000 Kg	ISO 7092 - ST 4 - 140 HV			
14	38	Screw M4x10	Generic	0,000 Kg	DIN 6912 - M4 x 10			
15	1	Extruder with step motor NEMA17		0,116 Kg	D3D-14-00			
16	1	Screw M3x30	Generic	0,000 Kg	ISO 4762 - M3 x 30ISO			
17	1	Electronics' casing and the panel - bottom	Aluminium 6061	0,468 Kg	RapCraft-v1.4-03-02			
18	2	Fan's cover		0,001 Kg	RapCraft-v1.4-03-05			
19	1	Slide of Z axis - 320	Generic	0,056 Kg	RapCraft-v1.3-00-03			
20	3	Linear bearing - trolley	Generic	0,033 Kg	RapCraft-v1.3-00-04			
21	1	Truck of z axis	Al	0,221 Kg	RapCraft-v1.4-02-01			
22	2	Slide of X and Y axis - 280	Generic	0,049 Kg	RapCraft-v1.3-00-05			
23	1	Clutch	Al	0,011 Kg	RapCraft-v1.3-00-09			
24	1	Trapezoidal screw M10x2-330	Generic	0,026 Kg	Śruba Tr10x2 o długości 330 mm			
25	1	Trapezoidal nut M10x2	S235JRG2	0,020 Kg	Nakrętka Tr10x2			
26	1	Top fastening of motor	Aluminium-6061	0,045 Kg	RapCraft-v1.4-02-08			
27	2	Sprocket of step motor T2.5/16/1F	S235JRG2	0,015 Kg	RapCraft-v1.3-00-08			
28	1	Handle	Generic	0,007 Kg				
29	1	Housing of X axis bearing	Generic		RapCraft-v1.3-00-13			
30	1	Holder of Y axis slider	Aluminium 6061	0,154 Kg	RapCraft-v1.4-00-21			
31	1	Truck's bottom fastening of y axis	Aluminium 6061	0,091 Kg	RapCraft-v1.4-00-20			
32	1	Power supply ATX 350W 12V	Generic	0,943 Kg				
33	1	Bottom fastening of motor	Al	0,065 Kg	RapCraft-v1.4-02-07			
34	1	Mounting of Z axis bearing	Generic	0,045 Kg	Architect_1.1-02-06			
35	1	Truck's bottom fastening of y axis	Aluminium 6061	0,091 Kg	RapCraft-v1.4-00-20			
36	1	Truck's bottom fastening of y axis	Aluminium 6061	0,162 Kg	RapCraft-v1.4-00-21			
37	1	Seat of Y axis belt with tension	Generic	0,018 Kg	Architect_1.1-02-05			
38	1	Seat of Y axis belt without tension	Generic	0,150 Kg	Architect_1.1-02-04			
39	1	Tension cube of Y axis belt	Generic	0,002 Kg	Architect_1.1-00-12			
40	3	Cushion spring of table 11x22 f11	Generic	0,000 Kg				
41	1	Glass 4x240x240	Glass	0,251 Kg	RapCraft-v1.4-00-02			
42	3	Optosensor	Generic	0,002 Kg	RapCraft-v1.4-00-03			
43	1	Electronics' casing and the panel - top	Aluminium 6061	0,285 Kg	RapCraft-v1.4-03-01			
44	1	optosensor's Z axis end block	Aluminium 6061	0,017 Kg	Architect_1.1-00-23			
45	1	Table 3x240x240	Aluminium 6061	0,466 Kg	RapCraft-v1.3-00-01			
46	1	Trapezoidal nut's fastening for RC1.4	Generic	0,013 Kg	RapCraft-v1.4-00-29			
47	1	Spoolholder	Aluminium 6061	0,105 Kg	Cube3.0-00-31_V2			
48	3	fan 40x40						
49	1	Tension cube of X axis belt	Generic	0,002 Kg	JHEAD-00-14			
50	1	Aluminium blower of the print	Aluminium 6061	0,003 Kg	Cube3.0-00-27-V3			
51	1	Belt's seat of X axis	Generic	0,022 Kg	JHEAD-00-22-V3			
52	1	Blower of the head	Aluminium 6061		JHEAD-00-30			
53	1	Truck E3D new version - RC1.4	Aluminium 6061	0,048 Kg	JHEAD-00-33			
54	1	Head platen V_2	Aluminium 6061	0,009 Kg	JHEAD-00-35			
55	1	Aluminium profile 40x80 - vertical	Al	1,519 Kg	RapCraft-v1.3-01-01			
56	1	Aluminium profile 40x40 - bottom crosswise	Al	0,708 Kg	RapCraft-v1.3-01-02			
57	2	Aluminium profile 40x40 - horizontal	Al	0,711 Kg	nyRapCraft-v1.3-01-03			
58	1	Aluminium profile 40x40 - vertical	Al	0,801 Kg	RapCraft-v1.3-01-04			
59	1	Housing of the head	Aluminium 6061	0,010 Kg	E3D			
60	1	Omni3D-nozzle 0.6 mm	Brass		E3D-00-04			
61	1	Heating cube	Aluminium 6061	0,006 Kg	E3D-00-02			
62	1	Connector	Inox		E3D-00-03			
Limit deviations for nominal dimension ranges								
from	to	tolerance	from	to	tolerance	from	to	tolerance
0,5	6	± 0,1	120	400	± 0,5	2000	4000	± 1,5
6	30	± 0,2	400	1000	± 0,8	4000	12000	± 2,0
30	120	± 0,3	1000	2000	± 1,2		angles	± 30'
Name		Date	Signature		Material		Weight	Price PLN
Made by B. Maliszewski		2014-03-10	Checked by Sz. Janicki		OMNI3D Sp. z o.o.			
Approved by			Nr index:		ul. Marcinkowskiego 26		Quantity:	Sheet format
Project name:			File:		61-745 Poznań		A1	Sheet 1 / 1
Scale: 1 : 2		Part name: RapCraft-v1.4			Drawing nr: RapCraft-v1.4-00-00			