ROSTOCK MAX Bill Of Materials & PACKING LIST

ALL hardware is stainless steel unless otherwise noted

UPDATED DEC 12

Qty.	SeeMe PN#	PN#	Description	Notes
	WOOD	ACRYLIC		
■	68398	68399	COMPLETE KIT:	68398 is the melmain wood kit, 68399 is the acrylic wood kit
1	68393	68391	Flat Packed Kit (4 flat panels of all laser cut parts)	68390 is .272" thick wood and 68391 is .24 or .25 thick acrylic flat packs
3	68310		1" T-Slot extrusion cut 32" long	
4	26501		NEMA 17 42BYG811 Stepper Motors	
1	26710		RAMBo Electronics w/USB Cable	
1	58741		Phebe PCB Heated Bed	
1	26141		100k Thermistor for heated bed	
1	26702		ATX PC Power Supply	
1	68329		Cover for Base	White PVC Wrap for around the base of the machine
225	39910		Timing Belt GT2 series 2mm pitch Neoprene SOLD BY INCH	This SeeMeCNC part number is for SOLD BY THE INCH
3	39820		15 Tooth GT2 X 5mm bore timing pulleys	super nice machined aluminum pulleys
12	68309		CNC Machined U-Joints	u-joints for each end of the parallel arms
18	68340		608 Cheapskate Idler Bearing Spacer	used on the idlers and keep the belt centered in the bearing
12	68315		608 Cheapskate Eccentric Carriage Tensioner Spacer	used to take out backlash in the bearings
18	68326		608 Cheapskate Carriage Bearing Spacer	used to align the bearings
6	30650		2-56 X 5/8" bolts	for mounting the limit switches
6	30642		2-56 finish nuts	for mounting the limit switches
114	30164		6-32 nylon locknuts	this hardware count includes four extra
78	30132		6-32 X 1" flat head screws	this hardware count includes four extra
6	30006		6-32 X 5/8" SHCS	
21	30037		6-32 X 2" Phillip Pan Head Screw	
9	30035		6-32 X 1 3/4" SHCS	When inventory used up, change to new part number 30034 Phillips Head
25	32005		1/4-20 T-SLot Nuts	for attaching the cheapskate upper/lower paltes that hold the idlers and motors
25	30419		1/4-20 X 1/2" Button Head Cap Screws	for attaching the cheapskate upper/lower paltes that hold the idlers and motors
6	29998		10-32 X 5/8" Pan Head Nylon Screws	for mounting feet
6	30170		10-32 Nylon Finish Nuts	for mounting feet
6	17505		Black Leg for 44010 Foot	used w/cream foot
6	44010		Cream Feet	press on over black legs for non-slip feet
26	30449		#4 SAE Washers	
12	30251		#4 X 1/4" SMS	
12	30250		#4 X 3/8" SMS	
27	30222		4-40 Blind T Nuts	press in from back side of anywhere 4-40 hardware is used
4	30238		4-40 X 1 1/4" Pan Head Machine Screw	3 hold top plate and one for extruder mount
12	30235		4-40 X 3/4" SHCS	
12	30232		4-40 X 1/2" SHCS	
16	30318		M3-0.5 X 10mm Pan Head Phillips screws	for mounting stepper motors (use #4 washers under the heads)
6	30317		M3-0.5 X 6mm Pan Head Phillips screws	for attaching the motor pulleys
4	30121		6-32 X 1/2" Nylon Pan Head screw	for mounting PSU
50	30450		#6 SAE Flat Washer	
24	35065		608ZZ Ball Bearing	For the cheapskate slides
30	68336		Acetal 608 Bearing Sleeves	round white sleeves press-on over the bearings, two on each bearing
6	68325		1/8" X 3 1/8" Stainless Axle for u-joints	these go thru the u-joints, and are caged in the platform and screws hold them in the carriage mounts
3	68334		Hot End Platform Spacer (3/8" X 1" X 9/64 thru hole)	aluminum bushings to space the hot-end plate up
2	58708		Teflon Tube 1 foot length x 2mm ID x 4mm OD for 1.75mm filament	24" length of 2mm ID X 4mm OD Teflon Tubing
2	38830		4mm OD PTC fitting for bowden tube	to attach the bowden teflon tube
1	68394		Rostock MAX Hot-end Kit (Bowden Hotend)	Includes lower, peek, upper, bowden adapter and nozzle/teflon liners
1	68390		Rostock MAX Steve's Extruder Drive Kit (no motor)	Our part number is a sub-assembly of the Steve's Extruder for bowden
6	68303		Parallel Delta Arms	Black glass-filled-nylon arms
6	71622		Fold-Over Bolt-On Belt Clamps	even though these are for 200xl belt, they also work great on GT2
3	68332		Carriage U-Joint Mounts	These also have the hole for a 6-32 screw to "push" the limit switches at the top of the carriages
2	68304		Platform Halves	two pieces tab together and screw together to make the platform, and cage the 1/8" axles

20	71505		White Acetal Spacers	small spacers to stand the heated bed off of the table and to stnad off the RAMBo
1	26159		small Toggle Switch	You can use this between the green and a black wire on the ATX PS to turn the power on/off
1	58760		1/8" Stickralon Build Plate	Polycarbonate build plate
4	58761		Binder Clips for holding Build Plate onto heated bed	
12	26164		small zip ties black	for tidying up the wiring
4	30171		10-32 x 1/2 Knurled Nylon Thumb Screws	Holds the decorative wrap to the bottom of the machine
10			18ga. 4 conductor wire	For wiring the hotend and heated bed
10			22ga. 4 conductor wire	For extending the stepper motor connections

Assembly Instructions are being documented at:
http://reprap.org/wiki/Rostockmax

Arduino v0023 IDE software for modifying/uploading new firmware:
http://arduino.cc/en/Main/Software

Firmware is downloadable from :
https://github.com/johnoly99/Marlin-for-rostockmax-rambo