# of PrintShifts to build												
	Type 10		Quantity Needs	Per-Machine Price	Pack Quantity	Pack Price	Price Per Part F	Parks Needed	extra nart ouer##	Purchase Price	Purchase Link	
ert onvevor Belt Hardware	. Jpe	110100	waaning Neede	maumic rille	rack quantity	- aux Fille	ce rer Part F	ucho iveeded	una part quantit	· ururase PIICE	- urunase Link	
	8mm	For front of drive roller	1	\$0.90	10	\$8.99	\$0.90	1	0	\$8.99	https://smile.ama	mazon.com/gp/product/B07/41FRZS/ref=pox.yo.dt, b. asin.title_c00_s01?ie=UTF8&psc=1
nm shaft. 210mm	hardened steel	drive roller - cut into 183mm		\$7.20	2	\$14.39	\$7.20	5	0			mazon.com/Linear-Motion-FEYRINX-Hardened-Printer/dp/B085DQYQYH/ref=s/ 1 1 sspa?dchild=1&keywords=8mm+shaft+400mm&oid=1619380221&sr=8-1-spons&psc=1&spLa=ZW5jcnlwdGVkUXVhbGimaWVyPUEXTO
		idler - cut down from the 40		\$0.00	2		\$7.20	0	0	\$0.00		
anged bushings	8mm	drive roller guides	2	\$6.88	1	\$3.44	\$3.44	20	0	\$68.80	https://www.mcn	cmaster.com/5448T2/
13 Hex Standoffs, 10mm long			6	\$6.30	1	\$1.05	\$1.05	60	0	\$63.00	https://www.mcn	cmaster.com/94868A166/
	flat head	replace the bed screws - ea	9	\$1.64	50		\$0.18	2	10	\$18.20	https://www.mcn	cmaster.com/91304A101/
	button head	tension the idler	2	\$0.31	50		\$0.16	1	30 80	\$7.86	https://www.mcn	omaster.com/913/68A659/
M5 nuts	hex	tension the idler	2	\$0.04	100	\$1.76	\$0.02	1	80	\$1.76	https://www.mcn	master.com/90592A095/
Ejector Hardware												
F608ZZ flanged ball bearings	8x22x7		2	\$2.74	10	\$13.69	\$1.37	2	0	\$27.38	https://smile.am/	mazon.com/op/product/B07N62N7N2/ref=pox vo dt b asin title o00 s00?te=UTF8&psc=1
		Link the belt and the motor	1	\$6.50	2		\$6.50	5	0			mazon.com/gp/product/B08CVKMDCS/ref=opx_vo_dt_b_asin_title_o00_s01?ie=UTF8&osc=1.
	8mm bore	Attach to belt	1	\$4.00	2	\$7.99	\$4.00	5	0			mazon.com/go/product/B07K6BRL4K/ref=pox.vo.dt.b.asin.title.o00.s01?ie=UTF8&osc=1
20T GT2 pulley	6mm bore	Attach to motor	1	\$1.60	5	\$7.99	\$1.60	2	0	\$15.98	https://smile.ama	mazon.com/gp/product/808P6KY773/ref=ppx vo dt b asin title o08 s007ie=UTF8&psc=1
GT2 continuous belt	79 teeth	connect the pulleys	1	\$1.19	10	\$11.88	\$1.19	1	0	\$11.88	https://smile.ama	mazon.com/gp/product/B014QKEH26/ref=ppx_yo_dt_b_asin_title_o07_s00?ie=UTF8&psc=1
	20RPM	ejector motor	1	\$13.99	1		\$13.99	10	0			mazon.com/gp/product/B08FBBXZ67/ref=ppx_yo_dt_b_search_asin_title?ie=UTF8&psc=1
	40mm long	ejector drive shaft	1	\$0.96	10		\$0.96	- 1	0			cmaster.com/91595A573/
		Mount the motor	2	\$0.10	100		\$0.05	1	80	\$5.19	https://www.mcn	cmaster.com/91/292A114/
		Rear standoff for the motor mount the switch	. 2	\$1.53 \$0.42	10		\$0.77 \$0.21	2	30	\$15.32	https://www.mcn	cmaster.com/01502A159/
			2					1		\$10.51	https://www.mcn	master.com/91290A130/
	post-assembly long hinge roller		2	\$0.46 \$0.55	50 20		\$0.23 \$0.55	1	30 10	\$11.57	https://smile.ams	mszon, comigpipmduct/B07GVJFZV8/ref=pox_yo_dt_b_search_ssin_title?ise=UTF8&pac=1 mszon, com/SV-166-1C25-Industrial-Switches-Terminals-Momentary.idp/B087PUT9MD/ref=sr_1_2_sppa?dohld=1&keywords=SV-166-1C25&pd=1619362820&s=industrial&sr=1-2-spons&pac=1&spLa=ZW5jcmlwdGVUUX/rbb
SV-166-1C25 microswitch Ring Terminal	M3 22-16AMO	ejector activator r power the ejector	1	\$0.55 \$0.07	150		\$0.55 \$0.07	1	10	\$10.99	https://smile.ams	mazon.com/SV-166-1CZ5-Industrial-Switches-Terminals-Momentary/sQR87PLTMDPrietra-[ ] 2, sapa-78chiber188cs-189-169-169-169-169-169-169-169-169-169-16
Spade connectors	22-16AWG	wire in the switch	2	\$0.50	80		\$0.07	1	140	\$19.99	https://smile.am	hazor com/gaproduc/B07/SP6LS/refepox od b. seerch sain image/see/inflat/Season image com/gaproduc/B07/SP6LS/refepox od b. seerch sain image/see/inflat/Season image/season image/
		wire up the switch	2	\$0.04	1000		\$0.02	1	980	\$17.99	https://smile.ama	mazon.com/Maxxima-Electrical-Connector-Screw-Terminal/dp/B07ZP8R8G.j/ref=sr 1 187dchild=1&keywords=wire%2Bnut&oid=1619363075&s=industrial&sr=1-18&ih=1
22awg wire	Need about 2 met	ewire it all up	0.5		6		\$2.83	1	1	\$16.95	https://smile.ama	mazon.com/gc/product/B07T4SYVYG/ref=ppx_yo_dt_b_search_asin_title?ie=UIF8&psc=1
-		· ·										
Belt Material												
.225mm Polyamide Film (Kapto				\$8.14	6	\$24.41	\$4.07	4	4	\$97.64	https://www.aliex	express.com/item/4000473438004.html?spm=a2g0s.9042311.0.0.41374c4dFBWN0U
		icone adhesive, .001" thick, 2		\$11.98	1		\$11.98	10		\$119.80	https://www.mcn	cmaster.com/7630A796/
		film + silicone adhesive, .003	1	\$15.97	1	\$15.97	\$15.97	10				mazon.com/Heat-Resistant-Tape-Sublimation-Temperature/dp/B07KXXT1Y9/ref=sxts_sxwds-bia-wc-rsf-lq2af_07crid=196EH3LUSJ3E1&cv_ct_cx=kapton+tape&dchild=1&keywords=kapton+tape&pd_rd_i=B07KXXT1Y9&pd
Painter's Tape	2" wide		1	\$4.79	6	\$28.75	\$4.79	2	2	\$57.50	https://smile.ama	mazon.com/ScotchBlue-2090-48A-CP-Painters-Polypropylene-Backing/dp/B000A3DQGW/ref=sr_1_57crid=PRRDS7MH15QH8dchild=1&keywords=painter%27s=tape+2+inch8qid=1620781150&sprefix=painter%27s%2Cap
Raspberry Pi Parts Buck Converter Module	USB-C	power the Raspberry Pi		\$14.99		\$14.99	\$14.99	10	0		hanne de la	
	USB-C 1ft	power the Raspberry Pi connect pi to the prusa mini	1	\$14.99 \$7.99	1	\$14.99 \$7.99	\$14.99 \$7.99	10	0	\$149.90	https://smile.ams	mszon.com/gp/product/B07ZQB6SSL/ref=ppx vo dt b asin title o05 s00?ie=UTF6&psc=1
	1ft 30cm	connect pi to the prusa mini connect up pi camera		\$7.99 \$1.33	1	\$7.99	\$1.33	10	0	\$79.90	nttps://smile.ami	mszon.com/gp/gnoduc/B07PFZDQPS/ref=ppx_vo_dl_b_asin_title_o05_s007ie=UTFS8psc=1
Arducam	Sucm	cheaper Pi Camera		\$9.99		\$9.99	\$1.33	10	2	\$15.90	https://smile.am	mszon.com/go/product/BOSWLGB83/hef=ppx_vo_dt_b_asin_title_o04_s007/ie=UTF88/hef1 mszon.com/go/product/BO12V/HEP4/ref=ppx_vo_dt_b_asin_title_o04_s007/ie=UTF88/psc=1
	2GB	No need for more ram, but I		\$34.99		\$9.99	\$9.99	10	0	\$99.90	https://www.mior	nazor.compppingacical 27 inchespience v. o.
	socket head	No need for more rain, but i		\$1.44	25		\$0.48	2	20	\$24.06	https://www.mca	Masker comprome to the masker in preventioners agreement masker comprome to the masker comp
	hex		3	\$0.22	50		\$0.07	1	20			emaster.com/94150A310/
Optional Parts												
Collection Tray			1	\$2.66	3	\$7.99	\$2.66	4	2	\$31.96	https://smile.ama	mszon.com/gp/product/B086X2YM9Q/ref=ppx_yo_dt_b_asin_title_o05_s01?ie=UTF8&psc=1
TOTAL PRICE												
TOTAL PRICE		Per Machine, perfect:		\$173.81						\$1,858.62		
TOTAL PRICE		Per Machine, perfect: Per Machine, in quantity:		\$173.81 \$185.86						\$1,858.62		
TOTAL PRICE		Per Machine, perfect: Per Machine, in quantity: Total for	10	\$173.81 \$185.86 \$1,858.62						\$1,858.62		
IOIAL PRICE		Per Machine, in quantity:	10	\$185.86						\$1,858.62		
		Per Machine, in quantity: Total for	10	\$185.86 \$1,858.62						\$1,858.62		
	<sup>2</sup> arts	Per Machine, in quantity: Total for Per Machine, perfect:	10	\$185.86 \$1,858.62 \$100.19						\$1,858.62		
	Parts	Per Machine, in quantity: Total for  Per Machine, perfect: Per Machine, in quantity:	16	\$185.86 \$1,858.62 \$100.19 \$110.33						\$1,858.62		
	Parts	Per Machine, in quantity: Total for Per Machine, perfect:	10	\$185.86 \$1,858.62 \$100.19						\$1,858.62		
	Parts	Per Machine, in quantity: Total for  Per Machine, perfect: Per Machine, in quantity:	10	\$185.86 \$1,858.62 \$100.19 \$110.33						\$1.858.62		
Price without Pi or Optional P	Parts	Per Machine, in quantity: Total for  Per Machine, perfect: Per Machine, in quantity:	10	\$185.86 \$1,858.62 \$100.19 \$110.33						\$1,858.62		
	Parts	Per Machine, in quantity: Total for  Per Machine, perfect: Per Machine, in quantity:	10	\$185.86 \$1,858.62 \$100.19 \$110.33						\$1,858.62		
	Parts	Per Machine, in quantity: Total for  Per Machine, perfect: Per Machine, in quantity:	10	\$185.86 \$1,858.62 \$100.19 \$110.33						\$1,858.62		
	Parts	Per Machine, in quantity: Total for  Per Machine, perfect: Per Machine, in quantity:	10	\$185.86 \$1,858.62 \$100.19 \$110.33						\$1,858.62		
	Parts	Per Machine, in quantity: Total for  Per Machine, perfect: Per Machine, in quantity:	10	\$185.86 \$1,858.62 \$100.19 \$110.33						\$1,858.62		
	Parts	Per Machine, in quantity: Total for  Per Machine, perfect: Per Machine, in quantity:	10	\$185.86 \$1,858.62 \$100.19 \$110.33						\$1,858.62		
	Parts	Per Machine, in quantity: Total for  Per Machine, perfect: Per Machine, in quantity:	10	\$185.86 \$1,858.62 \$100.19 \$110.33						\$1,858.62		
	Parts	Per Machine, in quantity: Total for  Per Machine, perfect: Per Machine, in quantity:	10	\$185.86 \$1,858.62 \$100.19 \$110.33						\$1,858.62		
	Parts	Per Machine, in quantity: Total for  Per Machine, perfect: Per Machine, in quantity:	10	\$185.86 \$1,858.62 \$100.19 \$110.33						\$1,858.62		
	Parts	Per Machine, in quantity: Total for  Per Machine, perfect: Per Machine, in quantity:	10	\$185.86 \$1,858.62 \$100.19 \$110.33						\$1,858.62		
	Parts	Per Machine, in quantity: Total for  Per Machine, perfect: Per Machine, in quantity:	10	\$185.86 \$1,858.62 \$100.19 \$110.33						\$1,858.62		
	Parts	Per Machine, in quantity: Total for  Per Machine, perfect: Per Machine, in quantity:	10	\$185.86 \$1,858.62 \$100.19 \$110.33						\$1,858.62		
	Parts	Per Machine, in quantity: Total for  Per Machine, perfect: Per Machine, in quantity:	16	\$185.86 \$1,858.62 \$100.19 \$110.33						\$1,858.62		
	Parts	Per Machine, in quantity: Total for  Per Machine, perfect: Per Machine, in quantity:	10	\$185.86 \$1,858.62 \$100.19 \$110.33						\$1,858.62		
	Parts	Per Machine, in quantity: Total for  Per Machine, perfect: Per Machine, in quantity:	10	\$185.86 \$1,858.62 \$100.19 \$110.33						\$1,858.62		
	Parts	Per Machine, in quantity: Total for  Per Machine, perfect: Per Machine, in quantity:	10	\$185.86 \$1,858.62 \$100.19 \$110.33						\$1,858.62		
	Parts	Per Machine, in quantity: Total for  Per Machine, perfect: Per Machine, in quantity:	10	\$185.86 \$1,858.62 \$100.19 \$110.33						\$1,858.62		
	Parts	Per Machine, in quantity: Total for Per Machine, perfect: Per Machine, in quantity:	10	\$185.86 \$1,858.62 \$100.19 \$110.33						\$1,858.62		
	Parts	Per Machine, in quantity: Total for Per Machine, perfect: Per Machine, in quantity:	10	\$185.86 \$1,858.62 \$100.19 \$110.33						\$1,858.62		
	Parts	Per Machine, in quantity: Total for Per Machine, perfect: Per Machine, in quantity:	10	\$185.86 \$1,858.62 \$100.19 \$110.33						\$1,858.62		
	Parts	Per Machine, in quantity: Total for Per Machine, perfect: Per Machine, in quantity:	10	\$185.86 \$1,858.62 \$100.19 \$110.33						\$1,858.62		
	Parts	Per Machine, in quantity: Total for Per Machine, perfect: Per Machine, in quantity:	10	\$185.86 \$1,858.62 \$100.19 \$110.33						\$1,858.62		
	Parts	Per Machine, in quantity: Total for Per Machine, perfect: Per Machine, in quantity:	10	\$185.86 \$1,858.62 \$100.19 \$110.33						\$1,858.62		
	Parts	Per Machine, in quantity: Total for Per Machine, perfect: Per Machine, in quantity:	10	\$185.86 \$1,858.62 \$100.19 \$110.33						\$1,858.62		

# of PrintShifts to build	10															
# of PrintShifts to build Part	Туре	Notes	Quantity Needed	Per-Machine Price	Pack Quantity	Pack Price	Price Per Part	Packs Needed	extra part quantit	Purchase Price	Purchase Link					
	- 76-0															

# of PrintShifts to build	10															
# of PrintShifts to build Part	Туре	Notes	Quantity Needed	Per-Machine Price	Pack Quantity	Pack Price	Price Per Part	Packs Needed	extra part quantit	Purchase Price	Purchase Link					

of PrintShifts to build	10															
of PrintShifts to build	Type 10	Notes	Quantity Neede	d Per-Machine Price	Pack Quantity	Pack Price	Price Per Part	Packs Needed	extra part quantit	it Purchase Price	Purchase Link					

# of PrintShifts to build	10															
# of PrintShifts to build Part	Туре	Notes	Quantity Needed	Per-Machine Price	Pack Quantity	Pack Price	Price Per Part	Packs Needed	extra part quantit	t Purchase Price	Purchase Link					
	.,,,,,,															

Service	f PrintShifts to build	10	)															
	f PrintShifts to build	Туре	Notes	Quantity Need	ded Per-Machine Price	ce	Pack Quantity	Pack Price	Price Per Part	Packs Needed	extra part quantit	it Purchase Price	Purchase Link					

# of PrintShifts to build	10															
# of PrintShifts to build Part	Туре	Notes	Quantity Needed	Per-Machine Price	Pack Quantity	Pack Price	Price Per Part	Packs Needed	extra part quantit	Purchase Price	Purchase Link					

of PrintShifts to build	10	)														
of PrintShifts to build art	Type 10	Notes	Quantity Needed	d Per-Machine Price	Pack Quantity	Pack Price	Price Per Part	Packs Needed	extra part quantit	Purchase Price	Purchase Link					

# of PrintShifts to build	10															
# of PrintShifts to build Part	Туре	Notes	Quantity Needed	Per-Machine Price	Pack Quantity	Pack Price	Price Per Part	Packs Needed	extra part quantit	t Purchase Price	Purchase Link					
	.,,,,,,															

Total Part	f PrintShifts to build	10															
	f PrintShifts to build	Туре	Notes	Quantity Neede	ed Per-Machine Price	Pack Quantity	Pack Price	Price Per Part	Packs Needed	extra part quantit	it Purchase Price	Purchase Link					

# of PrintShifts to build Part	Type 1	Notes	Quantity Needed Per-Machine Price	Pack Quantity Pack Price											
Part	Type	Notes	Quantity Needed Per-Machine Price	Pack Quantity Pack Price	Price Per Part	Packs Needed	extra part quantit	Purchase Price	Purchase Link						