Sales & Operation Planning 2020

ET(t) = E(t-1) + RP(t) + OP(t) - S(t)

Dolly X

Month	Sales Forecasted	Regular Production	Overtime Production	Inventory
				400
January	2918	2900	0	382
February	2918	2800	0	264
March	2768	2700	0	196
April	2918	3000	0	278
May	2618	2700	0	360
June	2578	2600	0	382
July	2418	2800	0	764
August	2518	1800	0	46
September	2818	3000	0	228
October	2718	3000	0	510
November	2818	3000	0	692
December	2918	2300	0	74
	32926	32600		

Molly X

Month	Sales Forecasted	Regular Production	Overtime Production	Inventory
				350
January	2349	2200	0	201
February	2249	2200	0	152
March	2099	2200	0	253
April	2249	2500	0	504
May	2049	2100	0	555
June	2049	2100	0	606
July	1899	2000	0	707
August	1949	1500	0	258
September	2199	2500	0	559
October	2149	2300	0	710
November	2249	2300	0	761
December	2399	1700	0	62
	25888	25600		

Dolly S

Month	Sales Forecasted	Regular Production	Overtime Production	Inventory
				200
January	1200	1200	0	200
February	1140	1200	0	260
March	1200	1200	0	260
April	1350	1500	0	410
May	1140	1200	0	470
June	1124	1200	0	546
July	961	1000	0	585
August	1010	750	0	325
September	1220	1100	0	205
October	1100	1500	0	605

Month	Sales Forecasted	Regular Production	Overtime Production	Inventory
				200
November	1180	1100	0	525
December	1307	800	0	18
	13932	13750		

Molly S

		iviony C		
Month	Sales Forecasted	Regular Production	Overtime Production	Inventory
				150
January	982	1000	0	168
February	912	1000	0	256
March	912	1000	0	344
April	1052	1200	0	492
May	902	900	0	490
June	902	900	0	488
July	812	900	0	576
August	885	600	0	291
September	1002	900	0	189
October	892	1200	0	497
November	992	1000	0	505
December	1102	650	0	53
	11347	11250		

Master Production Scheduling: Dolly X

Inventory Week 0

I period

Month			January				Febr	uary			Marc	ch				April		
Week	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
Forecasted Demand	575	580	609	580	574	675	780	759	704	700	700	690	678	625	600	575	550	568
Projected Ending Inventory	325	345	336	356	382	332	227	218	264	264	264	224	196	171	171	196	246	278
Master Production Schedule	500	600	600	600	600	625	675	750	750	700	700	650	650	600	600	600	600	600

II Period

Month		M	lay			Ju	ne				July				Aug	ust	
Week	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35
Forecasted Demand	600	650	668	700	690	628	658	602	550	500	450	459	459	550	610	679	679
Projected Ending Inventory	328	328	360	360	320	342	334	382	432	532	682	723	764	814	204	125	46
Master Production Schedule	650	650	700	700	650	650	650	650	600	600	600	500	500	600	0	600	600

								-									
Month		Septe	ember				October				Noven	nber			Dece	mber	
Week	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52
Forecasted Demand	700	720	698	700	620	570	528	500	500	575	704	759	780	704	780	759	675
Projected Ending Inventory	96	126	178	228	208	238	310	410	510	685	731	722	692	613	463	4	74
Master Production Schedule	750	750	750	750	600	600	600	600	600	750	750	750	750	625	630	300	745

Master Production Scheduling: Molly X Inventory

Week 0	
	350

I period

							•											
Month			January				Febr	uary			Marc	ch		April				
Week	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
Forecasted Demand	475	472	448	480	474	520	560	569	600	550	520	520	509	500	400	400	449	500
Projected Ending Inventory	275	203	255	275	201	181	221	252	152	102	182	262	253	253	353	453	504	504
Master Production Schedule	400	400	500	500	400	500	600	600	500	500	600	600	500	500	500	500	500	500

II Period

Month		M	lay			Ju	ne				July				Aug	ust	
Week	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35
Forecasted Demand	509	520	520	500	509	520	520	500	400	399	400	380	320	449	500	500	500
Projected Ending Inventory	495	475	555	555	546	526	606	606	606	607	607	627	707	758	258	258	258
Master Production Schedule	500	500	600	500	500	500	600	500	400	400	400	400	400	500	0	500	500

Month		Septe	ember			1	October				Noven	nber			Dece	mber	
Week	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52
Forecasted Demand	500	600	599	500	400	400	500	449	400	600	549	600	500	600	599	600	600
Projected Ending Inventory	383	408	434	559	609	659	609	610	710	710	761	661	761	761	462	12	12
Master Production Schedule	625	625	625	625	450	450	450	450	500	600	600	500	600	600	300	150	600

Master Production Scheduling: Dolly S

Inventory
Week 0

I period

Month			January				Febr	uary			Marc	ch				April		
Week	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
Forecasted Demand	200	225	225	250	300	300	300	300	240	300	300	300	300	300	250	250	250	300
Projected Ending Inventory	200	225	250	250	200	200	200	200	260	260	260	260	260	260	310	360	410	410
Master Production Schedule	200	250	250	250	250	300	300	300	300	300	300	300	300	300	300	300	300	300

II Period

Month		М	lay			Ju	ne				July				Aug	ust	
Week	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35
Forecasted Demand	290	280	290	280	290	284	270	280	150	200	211	250	150	250	260	250	250
Projected Ending Inventory	370	340	400	470	530	596	576	546	621	646	610	535	585	585	325	325	325
Master Production Schedule	250	250	350	350	350	350	250	250	225	225	175	175	200	250	0	250	250

Month		Septe	ember				October				Noven	nber			Dece	mber	
Week	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52
Forecasted Demand	300	300	320	300	200	220	220	200	260	300	300	300	280	300	300	350	357
Projected Ending Inventory	275	275	255	205	305	385	465	565	605	605	555	505	525	525	375	75	18
Master Production Schedule	250	300	300	250	300	300	300	300	300	300	250	250	300	300	150	50	300

Master Production Scheduling: Molly S

Inventory
Week 0

I period

Month			January				Febr	uary			Marc	ch				April		
Week	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
Forecasted Demand	182	200	200	200	200	240	240	220	212	240	240	220	212	200	200	220	220	212
Projected Ending Inventory	168	168	168	168	168	178	188	218	256	266	276	306	344	394	444	474	504	492
Master Production Schedule	200	200	200	200	200	250	250	250	250	250	250	250	250	250	250	250	250	200

II Period

							00										
Month		M	lay			Ju	ne				July				Aug	ust	
Week	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35
Forecasted Demand	200	250	200	252	252	250	200	200	200	162	150	150	150	200	230	230	225
Projected Ending Inventory	492	442	542	490	538	488	488	488	488	526	576	576	576	576	346	316	291
Master Production Schedule	200	200	300	200	300	200	200	200	200	200	200	150	150	200	0	200	200

Month		Septe	ember				October				Noven	nber			Dece	mber	
Week	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52
Forecasted Demand	250	250	252	250	190	200	200	150	152	300	212	200	280	300	300	300	202
Projected Ending Inventory	341	291	239	189	249	249	299	399	497	447	485	535	505	455	255	5	53
Master Production Schedule	300	200	200	200	250	200	250	250	250	250	250	250	250	250	100	50	250

Material Requirement Planning: Dolly X

											Janu	ary											
					We	ek 1			We	ek 2			Wee	ak 3			We	ek 4			We	ek 5	
				MPS V	Veek 1	MPS Ne:	kt Week	MPS V	leek 2	MPS No	xt Week	MPS V	Veek 3	MPS No	xt Week	MPS V	Veek 4	MPS No	xt Week	MPSV	Veek 5	MPS No	ext Week
Components			Minimum Order	50	00	60	0	60	10	60	00	60	10	60	00	60	00	6	00	60	00	6	25
				Start Week Inventory	Inventory	Components Needed for Next Week	To order for next Week	Start Week Inventory	Inventory Designated	Component s Needed for Next Week	To order for next Week	Start Week Inventory	Inventory Desirated	Component s Needed for Next Week	To order for next Week	Start Week Inventory	Inventory	Component s Needed for Next Week	To order for next Week	Start Week Inventory		Component s Needed for Next Week	To order for next Week
Engine	18,00 €	1	100	500	0	600	700	700	100	600	600	700	100	600	600	700	100	600	600	700	100	625	700
Wheels	1,00 €		200	2000	0	2400		2600	200	2400		2600	200	2400	2400	2600	200				200		2400
Frame	10,00 €		300	500		600		900	300	600		900	300	600	600	900	300				300		
Sensor	15,00 €		400	4000		4800		5200	400			5200	400	4800	4800	5200	400				400		
Body	15,00 €		200	500		600		800	200			800	200	600		800					200		
Battery	10,00 €		100	500		600		700	100			700	100	600		700					100		
Power Supply	15,00 €		100	500	0	600		700	100	600		700	100	600	600	700	100				100		
Other mechanical components	20,00 €	1	2000	500	0	600	2000	2000	1400	600	100	1500	900	600	100	1000	400	600	2000	2400	1800	625	100
Other Electronic	10,00 €		100	500	0	600		700	100	600		700	100	600	600	700	100				100		
Vacuum Cleaner Engine	4,00 €		100	500		600		700	100	600		700	100	600	600	700	100				100		
Dirt Bin	7,00 €		100	500				700	100			700	100	600	600	700					100		
Side Brushes	2,50 €	2		1000		1200		2000	800	1200		1800	600	1200	1000	1600	400				200		
Central Brush	5,00 €	1	1000	500	0	600	1000	1000	400	600	1000	1400	800	600	100	900	300	600	1000	1300	700	625	1000
Average S	tock & O	order Amo	ount	()	€ 19	6.400,00	33	31	€ 13	7.300,00	30	8	€ 13	2.800,00	21	15	€ 17	5.300,00	33	38	€ 14	6.200,00

									Febru	ary									
					We	ek 6			We	ek 7			We	ek 8			We	ek 9	
				MPS V	Veek 6	MPS Ne:	kt Week	MPS V	Veek 7	MPS No	xt Week	MPS V	Veek 8	MPS No	xt Week	MPS V	leek 9	MPS No	xt Week
Components	Cost per Component	Component per product	Minimum Order	62	15	67	5	67	75	71	50	75	50	75	50	75	ю	71	00
				Start Week Inventory	Inventory	Components Needed for Next Week	To order for next Week	Start Week Inventory	End Week Inventory Projected	Component s Needed for Next Week	To order for next Week	Start Week Inventory	End Week Inventory Projected	Component s Needed for Next Week	To order for next Week	Start Week Inventory	End Week Inventory Projected	Component s Needed for Next Week	To order for next Week
Engine	18,00 €	- 1	100	800	175	675	600	775	100	750	800	900	150	750	700	850	100	700	
Wheels	1,00 €	4	200	2600	100	2700	2800	2900	200	3000	3000	3200	200	3000	3000	3200	200	2800	
Frame	10,00 €	1	300	900	275	675	600	875	200	750	900	1100	350	750	600	950	200	700	
Sensor	15,00 €	8	400	5200	200	5400	5600	5800	400	6000	6000	6400	400	6000	6000	6400	400	5600	5600
Body	15,00 €	1	200	800	175	675	600	775	100	750	800	900	150	750	800	950	200	700	600
Battery	10,00 €	- 1	100	800	175		600	775	100		800	900	150			850	100		
Power Supply	15,00 €	1	100	800	175			775	100		800	900	150			850	100		700
Other mechanical components	20,00 €	1	2000	1900	1275	675	100	1375	700		2000	2700	1950		100		1300		
Other Electronic components	10,00 €	1	100	800	175		600	775	100		800	900	150		700	850	100		
Vacuum Cleaner Engine	4,00 €	1	100	800	175			775	100		800	900	150			850	100		
Dirt Bin	7,00 €	1	100	800	175		600	775	100		800	900	150			850	100		
Side Brushes	2,50 €	2		2200	950			1950	600		1000	1600				2100	600		
Central Brush	5,00 €	1	1000	1700	1075	675	100	1175	500	750	1000	1500	750	750	1000	1750	1000	700	100
Average S	tock & C	rder Amo	ount	39	92	€ 14	5.200,00	25	54	€ 21	2.700,00	36	59	€ 16	7.800,00	34	6	€ 15	1.600,00

									Mar	ch									
					Wee	ek 10			Wee	sk 11			Wee	ık 12			Wee	k 13	
				MPS W	leek 10	MPS Ne:	kt Week	MPS W	/eek 11	MPS No	xt Week	MPS W	leek 12	MPS No	xt Week	MPS W	eek 13	MPS No	ext Week
Components		Component per product	Minimum Order	70	10	75	0	75	50	71	50	75	io	70	00	70	10	6	:00
				Start Week Inventory	Inventory	Components Needed for Next Week	To order for next Week	Start Week Inventory	End Week Inventory Projected	Component s Needed for Next Week	To order for next Week	Start Week Inventory	Inventory Desireted	Component s Needed for Next Week	To order for next Week	Start Week Inventory	End Week Inventory Projected	Component s Needed for Next Week	To order for next Week
Engine	18,00 €	- 1	100	800	100	750	800	900	150	750	700	850	100	700	700	800	100	600	600
Wheels	1,00 €	4	200	3000	200		3000	3200	200		3000	3200	200	2800	2800	3000	200		2400
Frame	10,00 €	1	300	800	100	750	900	1000	250	750	600	850	100	700	900	1000	300	600	600
Sensor	15,00 €	8	400	6000	400	6000	6000	6400	400	6000	6000	6400	400	5600	5600	6000	400	4800	4800
Body	15,00 €	1	200	800	100	750	800	900	150	750	800	950	200	700	600	800	100	600	600
Battery	10,00 €	1	100	800	100	750	800	900	150	750	700	850	100	700	700	800	100	600	600
Power Supply	15,00 €	1	100	800	100	750	800	900	150	750	700	850	100	700	700	800	100	600	600
Other mechanical components	20,00 €	1	2000	1400	700			2700	1950	750	100	2050	1300	700	100	1400	700	600	0
Other Electronic components	10,00 €	1	100	800	100	750	800	900	150	750	700	850	100	700	700	800	100	600	600
Vacuum Cleaner Engine	4,00 €	1	100	800	100	750	800	900	150	750	700	850	100	700	700	800	100	600	600
Dirt Bin	7,00 €	1	100	800	100	750	800	900	150	750	700	850	100	700	700	800	100	600	600
Side Brushes	2,50 €	2	1000	1600	200	1500	2000	2200	700	1500	1000	1700	200	1400	2000	2200	800	1200	1000
Central Brush	5,00 €	- 1	1000	1100	400	750	1000	1400	650	750	1000	1650	900	700	100	1000	300	600	1000
Average S	Stock & O	rder Amo	ount	20	08	€ 21	5.200,00	40	າດ	€ 16	5.300.00	30	10	€ 15	7.100.00	26	2	€ 13	5.300.00

												Apı	ril											
						We	ek 14			We	ek 15	7101		Wee	k 16			Wee	ek 17			Wes	ık 18	
					MPS V	Veek 14	MPS No	xt Week	MPS V	/eek 15	MPS No	xt Week	MPSW	leek 16	MPS No	xt Week	MPS W	leek 17	MPS No	ext Week	MPS W	leek 18	MPS No	ext Week
c	Components		Component per product		6	00	60	00	6	00	6	00	60	00	6	00	60	00	6	00	60	00	6	50
					Start Week Inventory	Inventory	Components Needed for Next Week	To order for next Week	Start Week Inventory	End Week Inventory Projected	Component s Needed for Next Week	To order for next Week	Start Week Inventory	End Week	Component s Needed for Next Week	To order for next Week		Inventory	Component s Needed for Next Week	To order for next Week	Start Week Inventory	Inventory Designated	Component s Needed for Next Week	To order for next Week
	ingine	18,00 €		100					700				700	100				100			700			
v	Vineels	1.00 €	4	200	2600	200	2400	2400	2600	200	2400	2400	2600	200	2400	2400	2600	200	2400	2400	2600	200	2600	2600

					Wee	ık 14			Wee	k 15			Wee	ık 16			Wee	ek 17			Wes	ak 18	
				MPS W	leek 14	MPS Ne:	kt Week	MPS W	leek 15	MPS No	xt Week	MPS W	eek 16	MPS No	xt Week	MPS W	leek 17	MPS No	xt Week	MPS W	leek 18	MPS No	xt Week
Components		Component per product	Minimum Order	60	10	60	0	60	00	6	00	60	10	60	00	60	00	6	00	60	00	6	50
				Start Week Inventory	Inventory	Components Needed for Next Week	To order for next Week	Start Week Inventory	Inventory Desired	Component s Needed for Next Week	To order for next Week	Start Week Inventory	Inventory Desirated	Component s Needed for Next Week	To order for next Week	Start Week Inventory	End Week Inventory Projected	Component s Needed for Next Week	To order for next Week	Start Week Inventory	End Week Inventory Projected	Component s Needed for Next Week	To order for next Week
Frame	10,00 €	1	300	900	300	600	600	900	300	600	600	900	300	600	600	900	300	600	600	900	300	650	
Sensor	15,00 €	8	400	5200	400	4800	4800	5200	400	4800	4800	5200	400	4800	4800	5200	400	4800	4800	5200	400	5200	5200
Body	15,00 €	- 1	200	700	100	600	600	700	100	600	600	700	100	600	600	700	100	600	600	700	100	650	800
Battery	10,00 €	- 1	100	700	100			700	100				100			700	100			700	100		700
Power Supply	15,00 €	- 1	100	700	100	600	600	700	100	600	600	700	100	600	600	700	100	600	600	700	100	650	
Other mechanical components	20,00 €	1	2000	700	100	600	2000	2100	1500	600	100	1600	1000	600	100	1100	500	600	2000	2500	1900	650	100
Other Electronic components	10,00 €	1	100	700	100	600	600	700	100	600	600	700	100	600	600	700	100	600	600	700	100	650	700
Vacuum Cleaner Engine	4,00 €	1	100	700	100	600	600	700	100	600	600	700	100	600	600	700	100	600	600	700	100	650	700
Dirt Bin	7,00 €	1	100	700	100	600	600	700	100	600	600	700	100	600	600	700	100	600	600	700	100	650	700
Side Brushes	2,50 €	2	1000	1800	600	1200	1000	1600	400	1200	1000	1400	200	1200	2000	2200	1000	1200	1000	2000	800	1300	1000
Central Brush	5,00 €	- 1	1000	1300	700	600	0	700	100	600	1000	1100	500	600	1000	1500	900	600	100	1000	400	650	1000
Average S	tock & C	rder Amo	unt	23	31	€ 17	0.300,00	27	77	€ 13	7.300,00	25	54	€ 13	9.800,00	30	08	€ 17	0.800,00	36	52	€ 15	2.900,00

									Ma	ay									
					Wee	sk 19			Wee	ek 20			Wee	ık 21			Wee	ek 22	
				MPS W	leek 19	MPS No	kt Week	MPS W	leek 20	MPS No	xt Week	MPSW	leek 21	MPS No	xt Week	MPS W	leek 22	MPS No	xt Week
Components	Cost per Component	Component per product		61	io	66	0	65	50	71	00	70	00	70	10	70	00	6	50
				Start Week Inventory	Inventory	Components Needed for Next Week	To order for next Week	Start Week Inventory	End Week Inventory Projected	Component s Needed for Next Week	To order for next Week	Start Week Inventory	End Week Inventory Projected	Component s Needed for Next Week	To order for next Week	Start Week Inventory	End Week Inventory Projected	Component s Needed for Next Week	To order for next Week
Engine	18,00 €	1	100	800	150	650	600	750	100	700	700	800	100	700	700	800	100	650	700
Wheels	1,00 €	4	200		200		2600	2800	200		2800	3000	200	2800	2800	3000	200		
rame	10,00 €	1	300	900	250	650	600	850	200	700	600	800	100	700	900	1000	300	650	60
ensor	15,00 €	8	400	5600	400	5200	5200	5600	400	5600	5600	6000	400	5600	5600	6000	400	5200	5200
Body	15,00 €	1	200	900	250	650	600	850	200	700	600	800	100	700	800	900	200	650	
Rattery	10,00 €	1	100	800	150	650	600	750	100	700	700	800	100	700	700	800	100	650	70
ower Supply	15,00 €	1	100	800	150	650	600	750	100	700	700	800	100	700	700	800	100	650	700
ther nechanical omponents	20,00 €	1	2000	2000	1350	650	100	1450	800	700	0	800	100	700	2000	2100	1400	650	100
Other Electronic components	10,00 €	1	100	800	150	650	600	750	100	700	700	800	100	700	700	800	100	650	700
Vacuum Cleaner Engine	4,00 €		100		150			750	100		700	800			700	800			
Dirt Bin	7,00 €		100		150			750	100		700	800			700	800			
Side Brushes	2,50 €				500			1500	200		2000	2200			1000	1800	400		
Central Brush	5,00 €	1	1000	1400	750	650	0	750	100	700	1000	1100	400	700	1000	1400	700	650	100
Average S	tock & C	order Amo	ount	35	54	€ 13	8.500.00	20	18	€ 15	6.600.00	20	18	€ 20	0.100.00	32	23	€ 14	9.900,00

									Jur	ne									
					Wee	k 23			Wee	sk 24			Wee	k 25			Wee	k 26	
				MPS W	leek 23	MPS Ne:	t Week	MPS W	leek 24	MPS No	xt Week	MPS W	leek 25	MPS No	xt Week	MPS W	leek 26	MPS No	xt Week
Components	Cost per Component	Component per product	Minimum Order	65	50	65	0	65	50	65	i0	65	50	65	50	65	50	6	00
				Start Week Inventory	Inventory	Components Needed for Next Week	To order for next Week	Start Week Inventory	End Week Inventory Projected	Component s Needed for Next Week	To order for next Week	Start Week Inventory	End Week Inventory Projected	Component s Needed for Next Week	To order for next Week	Start Week Inventory	End Week Inventory Projected	Component s Needed for Next Week	To order for next Week
Engine	18,00 €	1	100	800	150	650	600	750	100	650	700	800	150	650	600	750	100	600	60
Wheels	1,00 €	4	200	2800	200	2600	2600	2800	200	2600	2600	2800	200	2600	2600	2800	200	2400	240
Frame	10,00 €	1	300	900	250	650	600	850	200	650	600	800	150	650	600	750	100	600	60
Sensor	15,00 €	8	400	5600	400	5200	5200	5600	400	5200	5200	5600	400	5200	5200	5600	400	4800	
Body	15,00 €	1	200	800	150	650	600	750	100	650	800	900	250	650	600	850	200	600	
Battery	10,00 €	1	100	800	150	650	600	750	100	650	700	800	150	650	600	750	100	600	60
Power Supply	15,00 €	1	100	800	150	650	600	750	100	650	700	800	150	650	600	750	100	600	60
Other mechanical components	20,00 €	1	2000	1500	850	650	100	950	300	650	2000	2300	1650	650	100	1750	1100	600	10
Other Electronic components	10,00 €	1	100	800	150	650	600	750	100	650	700	800	150	650	600	750	100	600	60
Vacuum Cleaner Engine	4,00 €	1	100	800	150	650	600	750	100	650	700	800	150	650	600	750	100	600	60
Dirt Bin	7,00 €	- 1	100	800	150	650	600	750	100	650	700	800	150	650	600	750	100	600	60
Side Brushes	2,50 €	2	1000	1400	100	1300	2000	2100	800	1300	1000	1800	500	1300	1000	1500	200	1200	200
Central Brush	5,00 €	- 1	1000	1700	1050	650	100	1150	500	650	1000	1500	850	650	100	950	300	600	100
Average S	tock & C	rder Amo	unt	30	nn	€ 14	1.500.00	23	28	€ 19	0.900.00	37	77	€ 139	9.000.00	23	28	€ 13	9.800,00

											Jul	y											
					Wee	ık 27			Wee	k 28			Wee	k 29			Wee	k 30			Wes	ek 31	
				MPS W	eek 27	MPS Nex	rt Week	MPS W	/eek 28	MPS No	xt Week	MPS W	eek 29	MPS No	xt Week	MPS W	eek 30	MPS No	xt Week	MPS W	leek 31	MPS No	ext Week
Components	Cost per Component	Component per product	Minimum Order	60	0	60	0	60	00	6	00	60	10	50	00	50	0	51	00	50	00	6	100
				Start Week Inventory	Inventory	Components Needed for Next Week	To order for next Week	Start Week Inventory	End Week Inventory Projected	Component s Needed for Next Week	To order for next Week	Start Week Inventory	Inventory	Component s Needed for Next Week	To order for next Week	Start Week Inventory	End Week Inventory Projected	Component s Needed for Next Week	To order for next Week	Start Week Inventory	End Week Inventory Projected	Component s Needed for Next Week	To order for next Week
Engine	18,00 €	- 1	100	700	100	600	600	700	100	600	600	700	100	500	500	600	100	500	500	600	100	600	600
Wheels	1,00 €	4	200	2600	200	2400	2400	2600	200	2400	2400	2600	200	2000	2000	2200	200	2000	2000	2200	200	2400	2400
Frame	10,00 €	- 1	300	700	100	600	600	700	100	600	600	700	100	500	600	700	200	500	600	800	300	600	600
Sensor	15,00 €		400	5200	400		4800	5200	400			5200	400		4000	4400	400			4400	400	4800	
Body	15,00 €	1	200	800	200	600	600	800	200	600	600	800	200	500	400	600	100	500	600	700	200	600	
Battery	10,00 €	- 1	100	700	100	600	600	700	100	600	600	700	100	500	500	600	100	500	500	600	100	600	
Power Supply	15,00 €	- 1	100	700	100	600	600	700	100	600	600	700	100	500	500	600	100	500	500	600	100	600	600
Other mechanical components	20,00 €	1	2000	1200	600	600	2000	2600	2000	600	100	2100	1500	500	100	1600	1100	500	100	1200	700	600	. 0
Other Electronic components	10,00 €	1	100	700	100	600	600	700	100	600	600	700	100	500	500	600	100	500	500	600	100	600	600
Vacuum Cleaner Engine	4,00 €		100		100	600		700					100		500	600	100			600	100		
Dirt Bin	7,00 €		100		100		600	700	100				100		500	600	100			600	100		
Side Brushes	2,50 €		1000	2200	1000			2000	800				600		1000	1600	600			1600	600		
Central Brush	5,00 €	1	1000	1300	700	600	0	700	100	600	1000	1100	500	500	1000	1500	1000	500	100	1100	600	600	1000
Average S	tock & O	rder Amo	unt	29	12	€ 17	0.300,00	33	38	€ 13	7.300,00	31	15	€ 11	5.500.00	32	3	€ 11	4.000.00	27	77	€ 13	5.300.00

					Wee	sk 32			Wee	k 33			Wee	nk 34			Wee	k 35	
				MPS W	leek 32	MPS No	xt Week	MPS W	eek 33	MPS No	ext Week	MPS W	eek 34	MPS No	xt Week	MPS V	leek 35	MPS No	xt Week
Components		Component per product	á	60	10)			6	00	60	0	6	00	6	00	7	50
				Start Week Inventory	Inventory	Components Needed for Next Week	To order for next Week	Start Week Inventory	End Week Inventory Projected	Component s Needed for Next Week	To order for next Week	Start Week Inventory		Component s Needed for Next Week	To order for next Week	Start Week Inventory	End Week Inventory Projected	Component s Needed for Next Week	To order for next Week
Engine	18,00 €	- 1	100	700	100	0	0	100	100	600	600	700	100	600	600	700	100	750	800
Wheels	1,00 €	4	200		200	0	100	300	300			2500	100	2400	2400	2500	100	3000	3000
Frame	10,00 €	- 1	300		300	0	100	400	400		300	700	100	600			100	750	900
Sensor	15,00 €		400		400				500			4900	100						
Body	15,00 €		200		200				300			700	100						
Battery	10,00 €		100				0	100	100			700	100						
Power Supply	15,00 €		100					100	100			700	100						
Other mechanical components	20,00 €	1	2000	700	100	0	0	100	100	600	2000	2100	1500	600	100	1600	1000	750	100
Other Electronic components	10,00 €	1	100	700	100	0	0	100	100	600	600	700	100	600	600	700	100	750	800
Vacuum Cleaner Engine	4,00 €	1	100	700	100	0	0	100	100	600	600	700	100	600	600	700	100	750	800
Dirt Bin	7,00 €		100					100	100			700	100						
Side Brushes	2,50 €				400				500			1500	300			1300			
Central Brush	5,00 €		1000	1600	1000	0	100	1100	1100	600	100	1200	600	600	1000	1600	1000	750	100
Average S	tock & C	order Amo	unt	24	16	€	4.850,00	29	2	€ 15	8.600,00	26	2	€ 13	7.300,00	2:	38	€ 17	2.700,00

									Septe	mber									
					Wee	sk 36			Wee	sk 37			Wee	k 38			Wee	ek 39	
				MPS W	leek 36	MPS No	xt Week	MPSW	feek 37	MPS No	xt Week	MPS W	eek 38	MPS No	xt Week	MPS V	leek 39	MPS N	xt Week
Components	Cost per Component	Component per product	Minimum Order	78	50	75	50	75	50	71	50	75	0	75	io	71	50	6	00
				Start Week Inventory	End Week Inventory Projected	Components Needed for Next Week	To order for next Week	Start Week Inventory		Component s Needed for Next Week	To order for next Week	Start Week Inventory	End Week Inventory Projected	Component s Needed for Next Week	To order for next Week	Start Week Inventory	End Week Inventory Projected	Component s Needed for Next Week	To order for next Week
Engine	18,00 €	1	100	900	150	750	700	850	100	750	800	900	150	750	700	850	100	600	600
Wheels	1,00 €	4	200	3100	100	3000	3000	3100	100	3000	3000	3100	100	3000	3000	3100	100	2400	2400
Frame	10,00 €	- 1	300	1000	250	750	600	850	100	750	900	1000	250	750	600	850	100	600	600
Sensor	15,00 €	8	400	6100	100	6000	6000	6100	100	6000	6000	6100	100	6000	6000	6100	100	4800	4800
Body	15,00 €		200	900	150			950	200		800	1000	250	750	600	850	100		
Battery	10,00 €		100	900	150			850	100		800	900	150	750	700	850	100		
Power Supply	15,00 €		100	900	150			850	100		800	900	150	750	700	850	100		
Other mechanical components	20,00 €	1	2000	1100	350	750	2000	2350	1600	750	100	1700	950	750	100	1050	300	600	2000
Other Electronic components	10,00 €	1	100	900	150	750	700	850	100	750	800	900	150	750	700	850	100	600	600
Vacuum Cleaner Engine	4,00 €		100	900	150			850	100			900	150				100		
Dirt Bin	7,00 €		100	900	150			850	100		800	900	150	750			100		
Side Brushes	2,50 €			2100	600			1600	100			2100	600	1500	1000	1600			
Central Brush	5,00 €	1	1000	1100	350	750	1000	1350	600	750	1000	1600	850	750	0	850	100	600	1000
Average S	tock & C	order Amo	ount	21	5	€ 20	3.300,00	26	52	€ 17	7.200,00	30	18	€ 15	7.300,00	11	15	€ 17	7.800,00

											Octo	JEI											
					Wee	k 40			Wee	k 41			Wee	k 42			Wee	k 43			Wee	k 44	
				MPS W	leek 40	MPS Nex	rt Week	MPS W	eek 41	MPS Ne	xt Week	MPS W	oek 42	MPS No	xt Week	MPS W	eek 43	MPS No	xt Week	MPS W	cek 44	MPS No	ext Week
Components		Component per product		60	00	60	0	60	10	60	10	60	0	60	10	60	10	60	00	60	0	7	50
				Start Week Inventory	Inventory	Components Needed for Next Week	To order for next Week	Start Week Inventory	Inventory Designated	Component s Needed for Next Week	To order for next Week	Start Week Inventory	Inventory	Component s Needed for Next Week	To order for next Week	Start Week Inventory	Inventory	Component s Needed for Next Week	To order for next Week	Start Week Inventory	Inventory Designated	Component s Needed for Next Week	To order for next Week
Engine	18,00 €	1	100	700	100	600	600	700	100	600	600	700	100	600	600	700	100	600	600	700	100	750	
Wheels	1,00 €	4	200	2500	100	2400	2400	2500	100	2400	2400	2500	100	2400	2400	2500	100	2400	2400	2500	100	3000	3000
Frame	10,00 €	1	300	700	100	600	600	700	100	600	600	700	100	600	600	700	100	600	600	700	100	750	900
Sensor	15,00 €	8	400	4900	100	4800	4800	4900	100	4800	4800	4900	100	4800	4800	4900	100	4800	4800	4900	100	6000	6000
Body	15,00 €	- 1	200	700	100	600	600	700	100	600	600	700	100	600	600	700	100	600	600	700	100	750	800
Battery	10,00 €		100	700	100		600	700	100	600	600	700	100	600	600	700	100	600		700	100		
Power Supply	15,00 €		100	700	100		600	700	100	600	600	700	100	600	600	700	100	600		700	100		
Other mechanical components	20,00 €	1	2000	2300	1700	600	100	1800	1200	600	100	1300	700	600	0	700	100	600	2000	2100	1500	750	100
Other Electronic components	10,00 €	1	100	700	100	600	600	700	100	600	600	700	100	600	600	700	100	600	600	700	100	750	800
Vacuum Cleaner Engine	4,00 €		100	700	100		600	700	100	600	600	700	100	600	600	700	100	600		700	100		
Dirt Bin	7,00 €		100	700	100		600	700	100	600	600	700	100	600	600	700	100	600		700	100		
Side Brushes	2,50 €			2100	900		1000	1900	700	1200	1000	1700	500	1200	1000	1500	300	1200		1300	100		
Central Brush	5,00 €		1000	1100	500	600	1000	1500	900	600	100	1000	400	600	1000	1400	800	600	100	900	300	750	1000
Average St	tock & O	rder Amo	ount	31	15	€ 13	7.300.00	29	2	€ 132	2.800.00	20	0	€ 13	5.300.00	16	9	€ 17	0.800.00	22	3	€ 17	7.200.00

									Nover	nber									
					Wee	k 45			Wee	sk 46			Wee	k 47			Wee	k 48	
				MPS W	leek 45	MPS Nex	t Week	MPS W	eek 46	MPS No	xt Week	MPS W	eek 47	MPS No	xt Week	MPS W	leek 48	MPS No	xt Week
Components		Component per product	Minimum Order	75	60	75	0	76	i0	71	50	75	i0	75	50	75	50	62	25
				Start Week Inventory	Inventory	Components Needed for Next Week	To order for next Week	Start Week Inventory	End Week Inventory Projected	Component s Needed for Next Week	To order for next Week	Start Week Inventory	End Week Inventory Projected	Component s Needed for Next Week	To order for next Week	Start Week Inventory	Inventory	Component s Needed for Next Week	To order for next Week
Engine	18,00 €	- 1	100	900	150	750	700	850	100	750	800	900	150	750	700	850	100	625	700
Wheels	1,00 €	4	200				3000	3100	100		3000	3100	100			3100	100		2600
Frame	10,00 €	1	300		250		600	850	100		900	1000	250			850	100		900
Sensor	15,00 €		400		100		6000	6100	100		6000	6100	100			6100	100		5200
Body	15,00 €		200		150		800	950	200		800	1000	250			850	100		800
Battery	10,00 €		100		150		700	850	100		800	900	150				100		700
Power Supply	15,00 €		100		150		700	850	100		800	900	150			850	100		700
Other mechanical components	20,00 €		2000		850		0	850	100		2000	2100	1350			1450	700	625	2000
Other Electronic components	10,00 €	1	100	900	150	750	700	850	100	750	800	900	150	750	700	850	100	625	700
Vacuum Cleaner Engine	4,00 €		100		150		700	850	100		800	900	150			850	100		700
Dirt Bin	7,00 €		100		150		700	850	100		800	900	150				100		700
Side Brushes	2,50 €	2	1000	2100	600	1500	1000	1600	100	1500	2000	2100	600	1500	1000	1600	100	1250	2000

					Wee	k 45			Wee	sk 46			Wee	k 47			Wee	k 48	
				MPS W	leek 45	MPS Nex	rt Week	MPSW	leek 46	MPS No	xt Week	MPSW	leek 47	MPS No	ext Week	MPS W	leek 48	MPS No	xt Week
Components		Component per product		76	60	75	0	75	50	71	50	75	50	7	50	75	50	6:	25
				Start Week Inventory	Inventory	Components Needed for Next Week	To order for next Week		End Week Inventory Projected	Component s Needed for Next Week	To order for next Week	Start Week Inventory	Inventory Projected	Component s Needed for Next Week	To order for next Week	Start Week Inventory	End Week Inventory Projected	Component s Needed for Next Week	To order for next Week
Central Brush	5,00 €	1	1000	1300	550	750	1000	1550	800	750	1000	1800	1050	750	100	1150	400	625	1000
Average S	Stock & C	rder Amo	ount	26	69	€ 16	3.300.00	16	62	€ 21	5.200.00	35	54	€ 15	7.800.00	16	69	€ 19	6.400.00

									Decen	nber									
					Wee	k 49			Wee	k 50			Wee	k 51			Wee	k 52	
				MPS W	leek 49	MPS Nex	rt Week	MPS W	leek 50	MPS No	xt Week	MPSW	eek 51	MPS No	xt Week	MPS W	eek 52	MPS No	ext Week
Components	Cost per Component	Component per product	Minimum Order	62	:5	63	0	60	30	30	10	30	10	74	15	74	5		
				Start Week Inventory	Inventory	Components Needed for Next Week	To order for next Week	Start Week Inventory	End Week Inventory Projected	Component s Needed for Next Week	To order for next Week	Start Week Inventory	End Week Inventory Projected	Component s Needed for Next Week	To order for next Week	Start Week Inventory	End Week Inventory Projected	Component s Needed for Next Week	To order for next Week
Engine	18,00 €	1	100	800	175	630	600	775	145	300	300	445	145	745	700	845	100	0	0
Wheels	1,00 €	4	200	2700	200	2520	2600	2800	280	1200	1200	1480	280	2980	2800	3080	100	0	0
Frame	10,00 €	1	300	1000	375	630	600	975	345	300	300	645	345	745	600	945	200	0	
Sensor	15,00 €	8	400	5300	300	5040	5200	5500	460	2400	2400	2860	460	5960	5600	6060	100	0	
Body	15,00 €	1	200	900	275	630	600	875	245	300	200	445	145	745	800	945	200	0	
Battery	10,00 €	1	100	800	175	630	600	775	145	300	300	445	145	745	700	845	100	0	
Power Supply	15,00 €		100	800	175	630	600	775	145		300	445	145	745	700	845	100		. 0
Other mechanical components	20,00 €	1	2000	2700	2075	630	100	2175	1545	300	100	1645	1345	745	100	1445	700	0	0
Other Electronic components	10,00 €	1	100	800	175	630	600	775	145	300	300	445	145	745	700	845	100	0	0
Vacuum Cleaner Engine	4,00 €	1	100	800	175	630	600	775	145		300	445	145	745	700		100		0
Dirt Bin	7,00 €	1	100	800	175	630	600	775	145		300	445	145	745	700	845	100		
Side Brushes	2,50 €	2		2100	850	1260	1000	1850	590		1000	1590	990	1490	1000	1990	500		
Central Brush	5,00 €	1	1000	1400	775	630	100	875	245	300	1000	1245	945	745	100	1045	300	0	0
Average S	tock & O	order Amo	ount	45	54	€ 13	9.000,00	35	52	€ 7	1.900,00	4	4	€ 15	4.600,00	20	18	€	0,00

Material Requirement Planning: Molly X

Information Security Stock 100

							I peri	od									
Month			January				Febr	uary			Mar	rch				April	
Week	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
MPS	400	400	500	500	400	500	600	600	50	500	600	600	500	500	500	500	50
						II D	oriod										
						ПP	eriod										
Month		м	ay			Jun	e				July				Augus	st .	
Week	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33		35
MPS	500	500	600	500	500	500	600	500	400	400	400	400	400	500	0	500	500
						III F	erio	t									
Month		Septe	ember			C	ctober				Novem	ber			Decen	ber	
Week	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52
MPS	625	625	625	625	450	450	450	450	500	600	600	500	600	600	300	150	600

| Components | Com

									Febru	ıary									
					We	ek 6			We	ek 7			Wee	ek 8			We	ek 9	
				MPS V	Veek 6	MPS Nex	t Week	MPS V	Veek 7	MPS No	xt Week	MPS V	leek 8	MPS No	xt Week	MPSV	Veek 9	MPS No	ext Week
Components	nponents Cost per Component Component per product Order		Minimum Order	50	10	60	0	60	00	60	10	60	0	50	10	50	00	5	00
				Start Week Inventory	Inventory	Components Needed for Next Week	To order for next Week	Start Week Inventory	End Week Inventory Projected	Component s Needed for Next Week	To order for next Week	Start Week Inventory	inventory	Component s Needed for Next Week	To order for next Week	Start Week Inventory	End Week Inventory Projected	Component s Needed for Next Week	To order for next Week
Engine	18,00 €	1	100	600	100	600	600	700	100	600	600	700	100	500	500	600	100	500	
Wheels	1,00 €	4	200	2200	200	2400	2400	2600	200	2400	2400	2600	200	2000	2000	2200	200	2000	
Frame	10,00 €	1	300	700	200	600	600	800	200	600	600	800	200	500	600	800	300	500	300
Sensor	15,00 €	8	400	4400	400	4800	4800	5200	400	4800	4800	5200	400	4000	4000	4400	400	4000	
Body	15,00 €	1	200	700	200	600	600	800	200	600	600	800	200	500	400	600	100	500	
Battery	10,00 €	1	100	600	100	600	600	700	100	600	600	700	100	500	500	600	100	500	
Power Supply	15,00 €	1	100	600	100	600	600	700	100	600	600	700	100	500	500	600	100	500	
Other mechanical components	20,00 €	1	300	700	200	600	600	800	200	600	600	800	200	500	600	800	300	500	300
Other Electronic components	10,00 €	1	100	600	100	600	600	700	100	600	600	700	100	500	500	600	100	500	500
Mop Engine	5,00 €	1	100	600	100	600	600	700	100	600	600	700	100	500	500	600	100	500	500
Water Tank	3,50 €	1	100	600	100	600	600	700	100	600	600	700	100	500	500	600	100	500	
Mop Clath	2,00 €	1	300	700	200	600	600	800	200	600	600	800	200	500	600	800	300	500	300
Average S	Stock & C	order Amo	ount	16	67	€ 13	9.500,00	16	67	€ 13	9.500,00	16	7	€ 11	7.950,00	18	33	€ 11	1.350,00

									Mar	ch									
					Wee	k 10			Wee	ek 11			Wee	ık 12			Wee	k 13	
				MPS W	eek 10	MPS Ne:	kt Week	MPS W	leek 11	MPS No	xt Week	MPS W	leek 12	MPS No	xt Week	MPS W	leek 13	MPS No	xt Week
Components	Cost per Component	Component per product	Minimum Order	50	0	60	0	60	00	5	00	50	10	50	00	50	00	50	00
				Start Week Inventory	Inventory	Components Needed for Next Week	To order for next Week	Start Week Inventory	End Week Inventory Projected	Component s Needed for Next Week	To order for next Week	Start Week Inventory	End Week Inventory Projected	Component s Needed for Next Week	To order for next Week	Start Week Inventory	Laurenteen	Component s Needed for Next Week	To order for next Week
Engine	18,00 €	1	100	600	100	600	600	700	100	500	500	600	100	500	500	600	100	500	
Wheels	1,00 €	4	200	2200	200	2400	2400	2600	200		2000	2200	200			2200	200	2000	
Frame	10,00 €	1	300	600	100	600	600	700	100		600	700	200	500	600	800	300	500	
Sensor	15,00 €	8	400	4400	400	4800	4800	5200	400	4000	4000	4400	400	4000	4000	4400	400	4000	4000
Body	15,00 €	1	200	700	200	600	600	800	200	500	400	600	100	500	600	700	200	500	400
Battery	10,00 €	1	100	600	100	600	600	700	100	500	500	600	100	500	500	600	100	500	500
Power Supply	15,00 €	1	100	600	100	600	600	700	100	500	500	600	100	500	500	600	100	500	
Other mechanical components	20,00 €	1	300	600	100	600	600	700	100		600	700	200	500	600	800	300	500	
Other Electronic components	10,00 €	1	100	600	100	600	600	700	100	500	500	600	100	500	500	600	100	500	500
Mop Engine	5,00 €	- 1	100	600	100	600	600	700	100	500	500	600	100	500	500	600	100	500	500
Water Tank	3,50 €	1	100	600	100	600	600	700	100	500	500	600	100	500	500	600	100	500	500
Mop Cloth	2,00 €	1	300	600	100	600	600	700	100	500	600	700	200	500	600	800	300	500	300
Average S	Stock & C	rder Amo	ount	14	2	€ 13	9.500,00	14	12	€ 11	7.950,00	15	58	€ 12	0.950,00	19	92	€ 10	8.350,00

											Apı	ril											
					Wee	ık 14			Wee	k 15			Wee	ık 16			Wee	k 17			Wee	ek 18	
				MPS W	leek 14	MPS Ne:	t Week	MPS W	leek 15	MPS No.	xt Week	MPS W	leek 16	MPS No	xt Week	MPS W	leek 17	MPS No	xt Week	MPS W	eek 18	MPS No	xt Week
Components	Cost per Component	Component per product	Minimum Order	50	10	50	0	50	00	50	10	50	00	50	00	50	00	51	00	50	10	50	00
				Start Week Inventory	Inventory	Components Needed for Next Week	To order for next Week		Inventory Desired	Component s Needed for Next Week	To order for next Week	Start Week Inventory	Eliu Week	Component s Needed for Next Week	To order for next Week	Start Week Inventory	Inventory Designated	Component s Needed for Next Week	To order for next Week	Start Week Inventory	Inventory Designated	Component s Needed for Next Week	To order for next Week
Engine	18,00 €	- 1	100	600	100	500	500	600	100	500	500	600	100	500	500	600	100	500	500	600	100	500	500
Wheels	1,00 €	4	200	2200	200		2000	2200			2000	2200	200				200			2200	200	2000	2000
Frame	10,00 €	- 1	300	600	100		600	700			600	800	300			600	100			700	200		
Sensor	15,00 €	8	400	4400	400		4000	4400			4000	4400	400				400			4400	400		
Body	15,00 €	- 1	200	600	100		600	700				600	100							600	100		
Battery	10,00 €	- 1	100	600	100		500	600			500	600	100				100			600	100		
Power Supply	15,00 €	- 1	100	600	100	500	500	600	100	500	500	600	100	500	500	600	100	500	500	600	100	500	500

					Wee	ek 14			Wee	ek 15			Wee	sk 16			Wee	ek 17			Wee	k 18	
				MPS W	leek 14	MPS No:	xt Week	MPS W	leek 15	MPS No	xt Week	MPSW	leek 16	MPS No	ext Week	MPS W	leek 17	MPS No	xt Week	MPS W	eek 18	MPS No	xt Week
Components		Component per product	Minimum Order	50	00	50	10	50	00	5	00	50	00	5	00	50	00	5	00	50	10	50	00
				Start Week Inventory	Inventory	Components Needed for Next Week	To order for next Week	Start Week Inventory	Inventory Desired	Component s Needed for Next Week	To order for next Week	Start Week Inventory	Inventory	Component s Needed for Next Week	To order for next Week	Start Week Inventory	End Week Inventory Projected	Component s Needed for Next Week	To order for next Week	Start Week Inventory	Inventory	Component s Needed for Next Week	To order for next Week
Other mechanical components	20,00 €	1	300	600	100	500	600	700	200	500	600	800	300	500	300	600	100	500	600	700	200	500	600
Other Electronic components	10,00€	1	100	600	100	500	500	600	100	500	500	600	100	500	500	600	100	500	500	600	100	500	500
Mop Engine	5,00 €		100					600	100							600	100			600	100		
Water Tank	3,50 €		100		100			600	100							600				600	100	500	
Mop Cloth	2,00 €		300	600	100	500	600	700	200	500	600	800	300	500	300	600	100	500	600	700	200	500	600
Average S	tock & C	order Amo	ount	13	33	€ 12	0.950,00	16	67	€ 11	7.950,00	18	33	€ 11	1.350,00	14	12	€ 11	7.950,00	15	8	€ 12	0.950,00

					Wee	ık 19			Wee	k 20			Wee	k 21			Wee	k 22	
				MPS W	leek 19	MPS Nex	rt Week	MPS W	/eek 20	MPS No	xt Week	MPSW	leek 21	MPS No	xt Week	MPS W	leek 22	MPS No	xt Week
omponents	Cost per Component		Minimum Order	50	10	50	0	50	00	6	00	60	00	50	00	50	00	51	10
				Start Week Inventory	Inventory	Components Needed for Next Week	To order for next Week	Start Week Inventory	End Week Inventory Projected	Component s Needed for Next Week	To order for next Week	Start Week Inventory	Inventory Desire stand	Component s Needed for Next Week	To order for next Week	Start Week Inventory	Inventory Designated	Component s Needed for Next Week	To order for next Week
ngine	18,00 €	- 1	100	600	100	500	500	600	100	600	600	700	100	500	500	600	100	500	50
Vheels	1,00 €	4	200	2200	200	2000	2000	2200	200	2400	2400	2600	200	2000	2000	2200	200	2000	200
rame	10,00 €	1	300	800	300	500	300	600	100	600	600	700	100	500	600	700	200	500	60
ensor	15,00 €	8	400	4400	400	4000	4000	4400	400	4800	4800	5200	400	4000	4000	4400	400	4000	400
Body	15,00 €	- 1	200	700	200	500	400	600	100	600	600	700	100	500	600	700	200	500	40
Battery	10,00 €	- 1	100	600	100	500	500	600	100	600	600	700	100	500	500	600	100	500	50
ower Supply	15,00 €	- 1	100	600	100	500	500	600	100	600	600	700	100	500	500	600	100	500	50
Other nechanical components	20,00 €	1	300	800	300	500	300	600			600	700		500		700		500	60
Other Electronic components	10,00 €	1	100	600	100	500	500	600	100	600	600	700	100	500	500	600	100	500	50
Mop Engine	5,00 €	1	100	600	100	500	500	600	100	600	600	700	100	500	500	600	100	500	50
Water Tank	3,50 €	1	100	600	100	500	500	600	100	600	600	700	100	500	500	600	100	500	50
Mop Cloth	2,00 €	1	300	800	300	500	300	600	100	600	600	700	100	500	600	700	200	500	60
Average S	tock & C	rder Amo	unt	19	2	€ 10	3.350.00	13	33	€ 13	9.500.00	10	33	€ 12	0.950.00	16	37	€ 11	7.950.00

									Jur	ie									
					Wee	k 23			Wee	k 24			Wee	k 25			Wee	k 26	
				MPS W	eek 23	MPS Nex	rt Week	MPS V	/eek 24	MPS No	xt Week	MPS W	eek 25	MPS No	xt Week	MPS W	leek 26	MPS No	xt Week
Components	Cost per Component		Minimum Order	50	10	50	0	5	00	6	00	60	0	50	10	50	00	40	00
				Start Week Inventory	Inventory Projected	Components Needed for Next Week	To order for next Week	Inventory	End Week Inventory Projected	Component s Needed for Next Week	To order for next Week	Inventory	Inventory Projected	Component s Needed for Next Week	To order for next Week	Start Week Inventory	End Week Inventory Projected	Component s Needed for Next Week	To order for next Week
ngine	18,00 €	- 1	100		100							700	100		500	600			
/heels	1,00 €	4	200	2200	200	2000	2000	2200			2400	2600	200	2000	2000	2200		1600	1600
rame	10,00 €	- 1	300	800	300	500	300	600	100	600	600	700	100	500	600	700	200	400	300
ensor	15,00 €	8	400	4400	400	4000	4000	4400	400	4800	4800	5200	400	4000	4000	4400	400	3200	3200
lody	15,00 €	- 1	200	600	100	500	600	700	200	600	600	800	200	500	400	600	100	400	400
lattery	10,00 €	- 1	100	600	100	500	500	600	100		600	700	100	500	500	600		400	400
ower Supply	15,00 €	1	100	600	100	500	500	600	100	600	600	700	100	500	500	600	100	400	400
Other nechanical components	20,00 €	1	300	800	300	500	300	600	100	600	600	700	100	500	600	700	200	400	300
Other Electronic components	10,00 €	1	100	600	100	500	500	600	100	600	600	700	100	500	500	600	100	400	400
Mop Engine	5,00 €	- 1	100	600	100	500	500	600	100	600	600	700	100	500	500	600	100	400	400
Vater Tank	3,50 €	- 1	100	600	100	500	500	600	100	600	600	700	100	500	500	600	100	400	400
Mop Cloth	2,00 €	- 1	300	800	300	500	300	600	100	600	600	700	100	500	600	700	200	400	300
Average S	tock & O	rder Amo	unt	18	13	€ 11	1.350.00	14	12	€ 13	9.500.00	14	2	€ 11	7.950.00	15	58	€ 8	9.800,00

											Jul	у											
					Wee	ek 27			Wee	k 28			Wee	k 29			Wee	k 30			Wes	ak 31	
				MPS W	leek 27	MPS No:	kt Week	MPS V	/eek 28	MPS No	xt Week	MPS W	eek 29	MPS No	xt Week	MPS W	eek 30	MPS No	xt Week	MPS W	leek 31	MPS No	ext Week
Components		Component per product	Minimum Order	40	10	40	0	41	00	4	00	40	10	40	00	40	10	4	00	40	00	5	00
				Start Week Inventory	Inventory	Components Needed for Next Week	To order for next Week	Start Week Inventory		Component s Needed for Next Week	To order for next Week	Start Week Inventory		Component s Needed for Next Week	To order for next Week	Start Week Inventory	Inventory	Component s Needed for Next Week	To order for next Week	Start Week Inventory	End Week Inventory Projected	Component s Needed for Next Week	To order for next Week
Engine	18,00 €	- 1	100	500	100	400	400	500	100	400	400	500	100	400	400	500	100	400	400	500	100	500	
Wheels	1,00 €	4	200	1800	200	1600	1600	1800	200	1600	1600	1800	200	1600	1600	1800	200	1600	1600	1800	200	2000	2000
Frame	10,00 €	- 1	300	500	100	400	600	700	300	400	300	600	200	400	300	500	100	400	600	700	300	500	300
Sensor	15,00 €	8	400	3600	400	3200	3200	3600	400	3200	3200	3600	400	3200	3200	3600	400	3200	3200	3600	400	4000	4000
Body	15,00 €		200	500	100			500	100				100		400		100				100		600
Battery	10,00 €		100	500	100			500	100				100		400		100				100		
Power Supply	15,00 €		100	500	100			500	100				100		400		100				100		
Other mechanical components	20,00 €	1	300	500	100	400	600	700	300	400	300	600	200	400	300	500	100	400	600	700	300	500	300
Other Electronic components	10,00 €	1	100	500	100	400	400	500	100	400	400	500	100	400	400	500	100	400	400	500	100	500	500
Mop Engine	5,00 €		100	500	100			500	100				100		400		100				100		
Water Tank	3,50 €		100	500	100			500	100				100		400		100				100		
Mop Cloth	2,00 €	1	300	500	100	400	600	700	300	400	300	600	200	400	300	500	100	400	600	700	300	500	300
Average S	tock & C	order Amo	ount	13	33	€ 9	9.400,00	18	33	€ 8	9.800.00	15	58	€ 8	9.800.00	13	3	€ 9	9.400.00	18	33	€ 11	1.350,00

									Augi	ust									
					Wee	k 32			Wee	sk 33			Wee	k 34			Wee	k 35	
				MPS W	leek 32	MPS Ne:	kt Week	MPS W	/eek 33	MPS No	xt Week	MPS W	eek 34	MPS No	xt Week	MPS W	eek 35	MPS No	xt Week
Components		Component per product	Minimum Order	50	10	c			0	50	00	50	10	50	10	50	10	6:	25
				Start Week Inventory	Inventory	Components Needed for Next Week	To order for next Week	Start Week Inventory	End Week Inventory Projected	Component s Needed for Next Week	To order for next Week	Start Week Inventory	End Week Inventory Projected	Component s Needed for Next Week	To order for next Week	Start Week Inventory	End Week Inventory Projected	Component s Needed for Next Week	To order for next Week
Engine	18,00 €	1	100	600	100	0	0	100	100	500	500	600	100	500	500	600	100	625	
Wheels	1,00 €	4	200	2200	200	0	100	300	300	2000	1800	2100	100	2000	2000	2100	100	2500	
Frame	10,00 €	1	300	600	100	0	0	100	100	500	600	700	200	500	600	800	300	625	
Sensor	15,00 €	8	400	4400	400	0	100	500	500	4000	3600	4100	100	4000	4000	4100	100	5000	
Body	15,00 €		200		200			300	300		400	700	200		400	600	100		
Battery	10,00 €		100		100		0	100	100		500	600	100		500	600	100		
Power Supply	15,00 €		100		100		0	100	100		500	600	100		500	600	100		700
Other mechanical components	20,00 €	1	300	600	100	0	0	100	100	500	600	700	200	500	600	800	300	625	600

	ents Cost per Component Mini Component per product On				Wee	sk 32			Wee	sk 33			Wee	k 34			Wee	k 35	
				MPS W	leek 32	MPS Ne:	kt Week	MPS W	leek 33	MPS No	xt Week	MPS W	eek 34	MPS No	xt Week	MPS W	eek 35	MPS No	xt Week
Components				51	00	c)	5	00	50	10	50	00	50	10	6:	25
				Start Week Inventory	Inventory	Components Needed for Next Week	To order for next Week	Start Week Inventory	End Week Inventory Projected	Component s Needed for Next Week	To order for next Week	Start Week Inventory	Inventory Projected	Component s Needed for Next Week	To order for next Week	Start Week Inventory	End Week Inventory Projected	Component s Needed for Next Week	To order for next Week
Other Electronic components	10,00 €	1	100	600	100	0	0	100	100	500	500	600	100	500	500	600	100	625	700
Mop Engine	5,00 €	1	100	600	100	0	0	100	100	500	500	600	100	500	500	600	100	625	
Water Tank	3,50 €	1	100		100		0	100			500	600	100				100		
Mop Cloth	2,00 €	1	300	600	100	0	0	100	100	500	600	700	200	500	600	800	300	625	600
Average S	Stock & C	rder Amo	ount	14	12	€	3.100.00	16	57	€ 11	1.750.00	13	33	€ 11	7.950.00	15	0	€ 15	4.850.00

September

					Wee	k 36			Wee	ık 37			Wee	nk 38			We	ek 39	
				MPS W	eek 36	MPS Nex	t Week	MPS W	leek 37	MPS No	xt Week	MPSV	leek 38	MPS No	xt Week	MPS V	leek 39	MPS N	ext Week
Components		Component per product	Minimum Order	62	5	62	5	60	25	6:	25	6	25	6	25	6:	25	4	50
				Start Week Inventory	Inventory	Components Needed for Next Week	To order for next Week	Start Week Inventory	End week	Component s Needed for Next Week	To order for next Week	Start Week Inventory	End Week Inventory Projected	Component s Needed for Next Week	To order for next Week	Start Week Inventory	End Week Inventory Projected	Component s Needed for Next Week	To order for next Week
Engine	18,00 €	- 1	100	800	175	625	600	775	150	625	600	750	125	625	600	725	100	450	500
Wheels	1,00 €	4	200	2700	200	2500	2400	2600	100	2500	2600	2700	200	2500	2400	2600	100	1800	1800
Frame	10,00 €	- 1	300	900	275	625	600	875	250	625	600	850	225	625	600	825	200	450	600
Sensor	15,00 €	8	400	5300	300	5000	4800	5100	100	5000	5200	5300	300	5000	4800	5100	100	3600	3600
Body	15,00 €	- 1	200	900	275	625	600	875	250	625	600	850	225	625	600	825		450	400
Battery	10,00 €	- 1	100	800	175	625	600	775	150	625	600	750	125	625	600	725		450	
Power Supply	15,00 €	- 1	100	800	175	625	600	775	150		600	750	125	625	600	725		450	500
Other mechanical components	20,00 €	1	300	900	275	625	600	875	250	625	600	850	225	625	600	825	200	450	600
Other Electronic components	10,00 €	1	100	800	175	625	600	775	150	625	600	750	125	625	600	725	100	450	500
Mop Engine	5,00 €	- 1	100	800	175	625	600	775	150		600	750	125	625	600	725		450	500
Water Tank	3,50 €	- 1	100	800	175	625	600	775	150	625	600	750	125	625	600	725	100	450	500
Mop Cloth	2,00 €	- 1	300	900	275	625	600	875	250	625	600	850	225	625	600	825	200	450	600
Average S	tock & O	rder Amo	unt	22	1	€ 13	9.500,00	17	75	€ 14	5.700,00	11	79	€ 13	9.500,00	10	33	€ 11	1.750,00

October

					Wee	ek 40			Wee	ık 41			Wee	ık 42			Wee	k 43			Wee	k 44	
				MPS W	leek 40	MPS Nex	kt Week	MPS W	leek 41	MPS No	xt Week	MPSW	leek 42	MPS No	xt Week	MPS W	eek 43	MPS No	xt Week	MPS W	eek 44	MPS No	ext Week
Components	Cost per Component		Minimum Order	45	i0	45	0	45	50	4	50	45	i0	45	50	45	ю	51	00	50	10	6	000
				Start Week Inventory		Components Needed for Next Week	To order for next Week	Start Week Inventory	End Week	Component s Needed for Next Week	To order for next Week	Start Week Inventory	End Week	Component s Needed for Next Week	To order for next Week	Start Week Inventory	Inventory	Component s Needed for Next Week	To order for next Week	Start Week Inventory	Inventory	Component s Needed for Next Week	To order for next Week
Engine	18,00 €	1	100	600	150			550					150			550	100	500			100		
Wheels	1,00 €	4	200	1900	100			1900					100			1900	100	2000		2100	100		
Frame	10,00 €		300	800	350			650				800	350			650	200	500		800	300		
Sensor	15,00 €	8	400	3700	100			3700				3700	100			3700	100	4000		4100	100		
Body	15,00 €		200	600	150	450	400	550		450	600			450	400	650	200	500	400	600	100		
Battery	10,00 €		100	600	150			550					150			550	100	500		600	100		
Power Supply	15,00 €		100	600	150			550					150			550	100	500		600	100		
Other mechanical components	20,00 €	1	300	800	350	450	300	650	200	450	600	800	350	450	300	650	200	500	600	800	300	600	600
Other Electronic components	10,00 €	1	100	600	150	450	400	550	100	450	500	600	150	450	400	550	100	500	500	600	100	600	600
Mop Engine	5,00 €	- 1	100	600	150	450	400	550	100	450	500	600	150	450	400	550	100	500	500	600	100	600	600
Water Tank	3,50 €	1	100	600	150			550					150			550	100	500		600	100		
Mop Cloth	2,00 €	1	300	800	350	450	300	650	200	450	600	800	350	450	300	650	200	500	600	800	300	600	600
Average S	tock & O	rder Amo	unt	19	92	€ 9	6.000,00	12	25	€ 11	4.750,00	20	00	€ 9	6.000,00	13	13	€ 11	7.950,00	15	i0	€ 13	9.500,00

Novembe

					Wee	k 45			Wee	k 46			Wee	k 47			Wee	k 48	
				MPS W	leek 45	MPS Nex	t Week	MPS W	leek 46	MPS No	xt Week	MPSW	leek 47	MPS No	xt Week	MPS W	leek 48	MPS No	ext Week
Components	Cost per Component	Component per product	Minimum Order	60	10	60	0	60	00	50	00	50	00	60	10	60	00	61	00
				Start Week Inventory	Inventory Projected	Components Needed for Next Week	To order for next Week	Start Week Inventory	End Week Inventory Projected	Component s Needed for Next Week	To order for next Week	Inventory	End Week Inventory Projected	Component s Needed for Next Week	next Week	Start Week Inventory	End Week Inventory Projected	Component s Needed for Next Week	To order for next Week
Engine	18,00 €	1	100	700	100		600	700	100		500	600			600	700	100		
Wheels	1,00 €	4	200	2500	100		2400	2500	100		2000	2100	100		2400	2500	100		
Frame	10,00 €		300	900	300		600	900	300		300	600	100		600	700	100		
Sensor	15,00 €			4900	100		4800	4900	100		4000	4100			4800	4900	100		
Body	15,00 €		200	700	100		600	700	100		600	700	200		600	800	200		
Battery	10,00 €		100	700	100		600	700	100		500	600	100		600	700	100		600
Power Supply	15,00 €		100	700	100		600	700	100		500	600	100		600	700	100		600
Other mechanical components	20,00 €	1	300	900	300	600	600	900	300	500	300	600	100	600	600	700	100	600	600
Other Electronic components	10,00 €		100	700	100		600	700	100		500	600			600	700	100		
Mop Engine	5,00 €		100	700	100		600	700	100		500	600	100		600	700	100		
Water Tank	3,50 €	1	100	700	100		600	700	100		500	600	100		600	700	100		
Mop Cloth	2,00 €	1	300	900	300	600	600	900	300	500	300	600	100	600	600	700	100	600	600
Average S	Stock & C	rder Amo	ount	15	50	€ 13	9.500,00	15	50	€ 11	1.350,00	10	08	€ 13	9.500,00	10	08	€ 13	9.500,00

Decembe

									Decei	IIDCI									
					Wee	k 49			Wee	sk 50			Wee	k 51			Wee	k 52	
				MPS W	leek 49	MPS Nex	rt Week	MPSV	leek 50	MPS No	xt Week	MPS W	eek 51	MPS No	xt Week	MPS W	leek 52	MPS No	xt Week
Components	Cost per Component	Component per product		61	10	30	0	31	00	11	50	15	io	60	10	60	00		
				Start Week Inventory	Inventory Projected	Next Week	To order for next Week	Inventory	End Week Inventory Projected	Component s Needed for Next Week	To order for next Week	Inventory	Inventory Projected	Component s Needed for Next Week	To order for next Week	Inventory	Inventory Projected	Component s Needed for Next Week	To order for next Week
Engine	18,00 €	1	100	700	100	300	300	400	100	150	200	300	150	600	600	750	150	0	0
Wheels	1,00 €	4	200	2500	100	1200	1200	1300	100	600	600	700	100	2400	2400	2500	100	0	0
Frame	10,00 €	1	300	700	100	300	300	400	100	150	300	400	250	600	600	850	250	0	0

					Wee	ek 49			Wee	k 50			Wee	ek 51			Wee	k 52	
				MPS V	Veek 49	MPS Nex	t Week	MPS W	leek 50	MPS No	xt Week	MPS W	eek 51	MPS No	xt Week	MPS W	eek 52	MPS N	ext Week
Components		Component per product		6	00	30	0	30	00	16	50	16	io	6	00	60	10		
				Start Week Inventory	Inventory	Components Needed for Next Week	To order for next Week	Start Week Inventory	End week	Component s Needed for Next Week	To order for next Week	Start Week Inventory	End Week Inventory Projected	Component s Needed for Next Week	To order for next Week	Start Week Inventory	End Week Inventory Projected	Component s Needed for Next Week	To order for next Week
ensor	15,00 €	8	400	4900	100	2400	2400	2500	100	1200	1200	1300	100	4800	4800	4900	100		
ody	15,00 €	- 1	200	800	200	300	200	400	100	150	200	300	150	600	600	750	150		
lattery	10,00 €	1	100	700	100	300	300	400	100	150	200	300	150	600	600	750	150		
ower Supply	15,00 €	1	100				300	400	100		200	300	150			750	150		
Other nechanical components	20,00 €	1	300	700	100	300	300	400	100	150	300	400	250	600	600	850	250		
ther lectronic omponents	10,00 €	1	100	700	100	300	300	400	100	150	200	300	150	600	600	750	150		
top Engine	5,00 €	1	100	700	100	300	300	400	100	150	200	300	150	600	600	750	150		
/ater Tank	3,50 €		100				300	400	100			300					150		
Nop Cloth	2,00 €	1	300	700	100	300	300	400	100	150	300	400	250	600	600	850	250		
Average S	Stock & C	rder Amo	ount	10	08	€ 6	3.250,00	10	00	€ 4	3.500,00	16	67	€ 13	9.500,00	16	7	€	0,00

Material Requirement Planning: Dolly X

Information Security Stock 100

			_														
							I peri	od									
Month			January				Febr	uary			Mar	rch				April	
Week	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
MPS	200	250	250	250	250	300	300	300	300	300	300	300	300	300	300	300	300
Month		М	ay			Jur	ne .				July				Augu		
Week	19	20	21	22	23	24	25	26	27	28		30	31	32	33	34	35
MPS	200	250	250	250	250	300	300	300	300	300	300	300	300	300	300	300	300
						111.0	Perio	4									
Month		Septe	ember				October	_			Novemi	ber			Decer	mber	
Week	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52
MPS	250	300	300	250	300	300	300	300	300	300	250	250	300	300	150	50	300

| Components | Components | Components | Component | C

									Febru	ary									
					We	ek 6			We	ek 7			We	ak 8			We	ek 9	
				MPS V	Veek 6	MPS Ne:	kt Week	MPS V	Veek 7	MPS No	xt Week	MPS V	Veek 8	MPS No	xt Week	MPS V	leek 9	MPS No	xt Week
Components		Component per product	Minimum Order	30	10	30	0	30	00	30	00	30	00	31	00	30	10	31	00
				Start Week Inventory	End Week Inventory Projected	Components Needed for Next Week	To order for next Week	Start Week Inventory	End Week Inventory Projected	Component s Needed for Next Week	To order for next Week	Start Week Inventory	End Week Inventory Projected	Component s Needed for Next Week	To order for next Week	Start Week Inventory	End Week Inventory Projected	Component s Needed for Next Week	To order for next Week
Engine	12,00 €	1	100	400	100	300	300	400	100	300	300	400	100	300	300	400	100	300	
Wheels	1,00 €	4	200	1300	100	1200	1200	1300	100	1200	1200	1300	100	1200	1200	1300	100	1200	
Frame	7,00 €	1	300	500	200	300	300	500	200	300	300	500	200	300	300	500	200	300	300
Sensor	10,00 €	8	400	2500	100	2400	2400	2500	100	2400	2400	2500	100	2400	2400	2500	100	2400	
Body	13,00 €	1	500	600	300	300	500	800	500	300	100	600	300	300	500	800	500	300	
Battery	7,00 €	1	400	700	400	300	0	400	100	300	400	500	200	300	400	600	300	300	
Power Supply	15,00 €	1	100	400	100	300	300	400	100	300	300	400	100	300	300	400	100	300	
Other mechanical components	15,00 €	1	300	500	200	300	300	500	200	300	300	500	200	300	300	500	200	300	300
Other Electronic components	8,00 €	1	100	400	100	300	300	400	100	300	300	400	100	300	300	400	100	300	300
Vacuum Cleaner Engine	4,00 €	1	100	400	100	300	300	400	100	300	300	400	100	300	300	400	100	300	300
Dirt Bin	5,00 €	1	100	400	100	300	300	400	100	300	300	400	100	300	300	400	100	300	
Side Brushes	2,50 €	2		700	100		600	700	100		600	700	100		600	700	100		600
Central Brush	5,00 €	- 1	400	700	400	300	0	400	100	300	400	500	200	300	400	600	300	300	
Other Vacuum Cleaner Accessories	3,00 €	1	200	400	100	300	400	500	200	300	200	400	100	300	400	500	200	300	200
Average S	tock & O	rder Amo	ount	17	71	€ 5	4.200,00	15	50	€ 5	3.200,00	14	13	€ 5	9.000,00	17	'9	€ 5	3.200,00

									Mar	ch									
					Wee	k 10			Wee	k 11			Wee	k 12			Wee	k 13	
				MPS W	leek 10	MPS Ne:	t Week	MPS W	leek 11	MPS No	xt Week	MPS W	leek 12	MPS No	xt Week	MPS W	leek 13	MPS No	xt Week
Components		Component per product	Minimum Order	30	10	30	0	30	00	30	00	30	10	30	00	30	00	31	00
				Start Week Inventory	Inventory	Components Needed for Next Week	To order for next Week	Start Week Inventory	End Week Inventory Projected	Component s Needed for Next Week	To order for next Week	Start Week Inventory	Inventory	Component s Needed for Next Week	To order for next Week	Start Week Inventory	End Week Inventory Projected	Component s Needed for Next Week	To order for next Week
Engine	12,00 €	- 1	100		100	300	300	400	100	300	300	400	100	300		400	100	300	
Wheels	1,00 €	4	200	1300	100	1200	1200	1300	100	1200	1200	1300	100	1200	1200	1300	100	1200	1200
Frame	7,00 €	1	300	500	200	300	300	500	200	300	300	500	200	300	300	500	200	300	300
Sensor	10,00 €	8	400	2500	100	2400	2400	2500	100	2400	2400	2500	100	2400	2400	2500	100	2400	2400
Body	13,00 €	- 1	500	600	300	300	500	800	500	300	100	600	300	300	500	800	500	300	100
Battery	7,00 €	- 1	400	700	400	300	0	400	100	300	400	500	200	300	400	600	300	300	400
Power Supply	15,00 €	- 1	100	400	100	300	300	400	100	300	300	400	100	300	300	400	100	300	300
Other mechanical components	15,00 €	1	300	500	200	300	300	500	200	300	300	500	200	300	300	500	200	300	300
Other Electronic components	8,00 €	1	100	400	100	300	300	400	100	300	300	400	100	300	300	400	100	300	300
Vacuum Cleaner Engine	4,00 €	1	100	400	100	300	300	400	100	300	300	400	100	300	300	400	100	300	300
Dirt Bin	5,00 €	- 1	100	400	100	300	300	400	100	300	300	400	100	300	300	400	100	300	300
Side Brushes	2,50 €	2	300	700	100	600	600	700	100	600	600	700	100	600	600	700	100	600	600
Central Brush	5,00 €	1	400	700	400	300	0	400	100	300	400	500	200	300	400	600	300	300	
Other Vacuum Cleaner Accessories	3,00 €	1	200	400	100	300	400	500	200	300	200	400	100	300	400	500	200	300	200
Average S	tock & C	rder Amo	ount	17	71	€ 5	4.200,00	15	50	€ 5	3.200,00	14	13	€ 5	9.000,00	17	79	€ 5	3.200,00

											Apı	ŗil											
					Wee	ek 14			We	ek 15			Wee	ık 16			Wee	ek 17			Wes	ık 18	
				MPS W	leek 14	MPS No			MPS No	ext Week	MPSW	leek 16	MPS No	xt Week	MPS W	leek 17	MPS No	ext Week	MPS W	leek 18	MPS No	ext Week	
Components	Cost per Component	Component per product	Minimum Order	31	00	30	300			3	00	30	00	31	00	30	00	3	00	30	00	2	100
				Start Week Inventory	Inventory	Components Needed for Next Week	To order for next Week		Inventory	Component s Needed for Next Week	To order for next Week		Inventory Deciment	Component s Needed for Next Week	To order for next Week		Inventory	Component s Needed for Next Week		Start Week Inventory	Inventory Designated	Component s Needed for Next Week	To order for next Week
Engine	12,00 €		100	400				400												400	100		

					Wee	k 14			Wee	k 15			Wee	k 16			Wee	k 17			Wee	ak 18	
				MPS W	eek 14	MPS Nex	xt Week	MPSV	/eek 15	MPS No	xt Week	MPS W	eek 16	MPS No	xt Week	MPS W	leek 17	MPS No	xt Week	MPS W	eek 18	MPS No	ext Week
Components		Component per product	Minimum Order	30	0	30	0	3	00	3	00	30	10	31	00	30	00	31	00	31	10	2	00
				Start Week Inventory	Inventory	Components Needed for Next Week	To order for next Week	Start Week Inventory	Inventory Desired	Component s Needed for Next Week	To order for next Week	Start Week Inventory	Inventory Projected	Component s Needed for Next Week	To order for next Week	Start Week Inventory	End Week Inventory Projected	Component s Needed for Next Week	To order for next Week	Start Week Inventory	Inventory	Component s Needed for Next Week	To order for next Week
Frame	7,00 €	1	300	500	200	300	300	500	200	300	300	500	200	300	300	500	200	300	300	500	200	200	
Sensor	10,00 €	8	400	2500	100	2400	2400	2500	100	2400	2400	2500	100	2400	2400	2500	100	2400	2400	2500	100	1600	1600
Body	13,00 €	1	500	600	300	300	500	800	500	300	100	600	300	300	500	800	500		100	600	300	200	0
Battery	7,00 €	- 1	400	700	400	300	0	400	100			500	200	300	400	600	300	300	400	700	400		100
Power Supply	15,00 €	1	100	400	100	300	300	400	100	300	300	400	100	300	300	400	100	300	300	400	100	200	
Other mechanical components	15,00 €	1	300	500	200	300	300	500	200	300	300	500	200	300	300	500	200	300	300	500	200	200	300
Other Electronic components	8,00 €	1	100	400	100	300	300	400	100	300	300	400	100	300	300	400	100	300	300	400	100	200	200
Vacuum Cleaner Engine	4,00 €		100	400	100			400					100	300		400	100			400	100		
Dirt Bin	5,00 €		100	400	100			400					100	300		400	100			400	100		
Side Brushes	2,50 €		300	700	100			700					100	600		700				700	100		
Central Brush	5,00 €		400	700	400			400					200	300		600	300			700	400		
Other Vacuum Cleaner Accessories	3,00 €	1	200	400	100	300	400	500	200	300	200	400	100	300	400	500	200	300	200	400	100	200	200
Average S	tock & C	rder Amo	unt	17	1	€ 5	4.200,00	15	50	€ 5	3.200,00	14	13	€ 5	9.000,00	17	79	€ 5	3.200,00	17	1	€ 3	5.500,00

					Wee	ık 19			Wee	k 20			Wee	ık 21			Wee	k 22	
				MPS W	leek 19	MPS No:	t Week	MPS W	leek 20	MPS No	xt Week	MPS W	eek 21	MPS No	xt Week	MPS W	leek 22	MPS No	xt Week
Components	Cost per Component		Minimum Order	20	10	25	0	25	50	2	50	25	io	25	50	25	50	2	50
				Start Week Inventory	End Week Inventory Projected	Components Needed for Next Week	To order for next Week	Start Week Inventory	End Week Inventory Projected	Component s Needed for Next Week	To order for next Week	Start Week Inventory	Inumatory	Component s Needed for Next Week	To order for next Week	Start Week Inventory	Inventory	Component s Needed for Next Week	To order for next Week
ngine	12,00 €	- 1	100	300	100	250	300	400	150	250	200	350	100	250	300	400	150	250	20
/heels	1,00 €	4	200	900	100	1000	1000	1100	100	1000	1000	1100	100	1000	1000	1100	100	1000	
rame	7,00 €	1	300	500	300	250	300	600	350	250	0	350	100	250	300	400	150	250	
ensor	10,00 €	8	400	1700	100		2000	2100	100		2000	2100	100			2100	100		200
ody	13,00 €	1	500	300	100		500	600	350		0	350	100			600	350		
attery	7,00 €	1	400	500	300	250	400	700	450	250	100	550	300	250	400	700	450	250	
ower Supply	15,00 €	1	100	300	100	250	300	400	150	250	200	350	100	250	300	400	150	250	20
Ither nechanical omponents	15,00 €	1	300	500	300	250	300	600	350	250	0	350	100	250	300	400	150	250	30
Other Electronic components	8,00 €	1	100	300	100	250	300	400	150	250	200	350	100	250	300	400	150	250	20
Vacuum Cleaner Engine	4,00 €	1	100	300	100	250	300	400	150	250	200	350	100	250	300	400	150	250	20
irt Bin	5,00 €	1	100	300	100	250	300	400	150	250	200	350	100	250	300	400	150	250	20
ide Brushes	2,50 €	2	300	700	300	500	300	600	100	500	600	700	200	500	600	800	300	500	30
Central Brush	5,00 €	1	400	500	300	250	400	700	450	250	100	550	300	250	400	700	450	250	10
Other Vacuum Cleaner Accessories	3,00 €	1	200	300	100	250	400	500	250	250	200	450	200	250	200	400	150	250	20
Average S	tock & O	rder Amo	ount	17	71	€ 5	4.050.00	23	32	€ 3	3.100.00	14	L3	€ 5	4.200.00	21	1	€ 3	8.950,0

					Wee	k 23			Wee	k 24			Wee	k 25			Wee	k 26	
				MPS W	leek 23	MPS Ne:	kt Week	MPS V	leek 24	MPS No	xt Week	MPS W	leek 25	MPS No	xt Week	MPS V	leek 26	MPS No	xt Week
omponents	Cost per Component		Minimum Order	25	50	30	0	31	00	3	00	30	00	31	10	31	00	3	00
				Start Week Inventory	Inventory	Components Needed for Next Week	To order for next Week	Start Week Inventory	Inventory Desired	Component s Needed for Next Week	To order for next Week	Start Week Inventory	End Week Inventory Projected	Component s Needed for Next Week	To order for next Week	Start Week Inventory	End Week Inventory Projected	Component s Needed for Next Week	To order fo next Week
Engine	12,00 €	1	100	350	100	300	300	400	100	300	300	400	100	300	300	400	100	300	30
Vheels	1,00 €	4	200	1100	100			1300	100		1200	1300	100		1200	1300			120
rame	7,00 €	1	300	450	200			500	200		300	500	200		300	500			30
ensor	10,00 €	8	400	2100	100			2500	100			2500			2400	2500			240
lody	13,00 €	1	500	350	100			600	300			800			100				
lattery	7,00 €	1	400	550	300			700	400			400			400				
ower Supply	15,00 €	1	100	350	100	300	300	400	100	300	300	400	100	300	300	400	100	300	
ther nechanical omponents	15,00 €	1	300	450	200	300	300	500	200	300	300	500	200	300	300	500	200	300	30
Other Electronic components	8,00 €	1	100	350	100	300	300	400	100	300	300	400	100	300	300	400	100	300	30
Vacuum Cleaner Engine	4,00 €	1	100	350	100	300	300	400	100	300	300	400	100	300	300	400	100	300	30
Dirt Bin	5,00 €	- 1	100	350	100	300	300	400	100	300	300	400	100	300	300	400	100	300	30
ide Brushes	2,50 €	2	300	600	100	600	600	700	100	600	600	700	100	600	600	700	100	600	60
Central Brush	5,00 €	1	400	550	300	300	400	700	400	300	0	400	100	300	400	500	200	300	40
Other Vacuum Cleaner Accessories	3,00 €	1	200	350	100	300	400	500	200	300	200	400	100	300	400	500	200	300	20

											Jul	у											
					Wee	ık 27			Wee	k 28			Wee	k 29			Wee	k 30			Wee	ık 31	
				MPS W	leek 27	MPS Ne:	kt Week	MPS W	leek 28	MPS No	xt Week	MPS W	eek 29	MPS No	xt Week	MPS V	leek 30	MPS No	xt Week	MPS W	eek 31	MPS N	ext Week
Components		Component per product	Minimum Order	30	10	30	0	30	00	30	00	30	0	31	00	3	00	31	00	30	10	3	900
				Start Week Inventory	Inventory	Components Needed for Next Week	To order for next Week	Start Week Inventory	End Week	Component s Needed for Next Week	To order for next Week	Start Week Inventory	End Week	Component s Needed for Next Week	To order for next Week	Start Week Inventory	Inventory	Component s Needed for Next Week	To order for next Week	Start Week Inventory	Inventory	Component s Needed for Next Week	To order for next Week
Engine	12,00 €	- 1	100	400	100	300	300	400	100	300	300	400	100	300	300	400	100	300	300	400	100	300	300
Wheels	1,00 €	4	200	1300	100	1200	1200	1300	100	1200	1200	1300	100	1200	1200	1300	100	1200	1200	1300	100	1200	1200
Frame	7,00 €	1	300	500	200	300	300	500	200	300	300	500	200	300	300	500	200	300	300	500	200	300	
Sensor	10,00 €		400	2500	100		2400	2500	100			2500	100	2400		2500	100	2400		2500	100		
Body	13,00 €		500	800	500		100	600			500	800	500	300		600	300	300		800	500		
Battery	7,00 €		400	600	300	300	400	700	400			400	100			500	200			600	300		
Power Supply	15,00 €		100	400	100		300	400	100			400	100	300	300	400	100			400	100		
Other mechanical	15,00 €	1	300	500	200	300	300	500	200	300	300	500	200	300	300	500	200	300	300	500	200	300	300
Other Electronic components	8,00 €	1	100	400	100	300	300	400	100	300	300	400	100	300	300	400	100	300	300	400	100	300	300
Vacuum Cleaner Engine	4,00 €	1	100	400	100	300	300	400	100	300	300	400	100	300	300	400	100	300	300	400	100	300	300
Dirt Bin	5,00 €	1	100	400	100	300	300	400	100	300	300	400	100	300	300	400	100	300	300	400	100	300	300
Side Brushes	2,50 €	2	300	700	100	600	600	700	100	600	600	700	100	600	600	700	100	600	600	700	100	600	600
Central Brush	5,00 €	1	400	600	300	300	400	700	400	300	0	400	100	300	400	500	200	300	400	600	300	300	400
Other Vacuum Cleaner Accessories	3,00 €	1	200	400	100	300	400	500	200	300	200	400	100	300	400	500	200	300	200	400	100	300	400
Average S	tock & O	rder Amo	unt	17	71	€ 5	3.800,00	17	79	€ 5	3.600,00	14	13	€ 5	3.800.00	15	50	€ 5	8.400.00	17	11	€ 5	3.800.00

									Augi			_							
					Wee	k 32			Wee	k 33			Wee	k 34			Wee	k 35	
				MPS W	leek 32	MPS Nex	t Week	MPS W	eek 33	MPS No	xt Week	MPS W	eek 34	MPS No	xt Week	MPS W	eek 35	MPS No	xt Week
Components	Cost per Component	Component per product	Minimum Order	30	10	30	0	30	10	31	00	30	10	31	00	30	10	2	50
				Start Week Inventory	Inventory	Components Needed for Next Week	To order for next Week	Start Week Inventory	End Week Inventory Projected	Component s Needed for Next Week	To order for next Week	Start Week Inventory	Inventory	Component s Needed for Next Week	To order for next Week	Start Week Inventory	Inventory	Component s Needed for Next Week	To order for next Week
Engine	12,00 €	1	100		100	300	300	400	100		300	400	100	300		400	100	250	
Wheels	1,00 €	4	200	1300	100	1200	1200	1300	100		1200	1300	100	1200		1300	100		
Frame	7,00 €	1	300	500	200	300	300	500	200	300	300	500	200	300	300	500	200	250	300
Sensor	10,00 €	8	400	2500	100	2400	2400	2500	100	2400	2400	2500	100	2400	2400	2500	100	2000	2000
Body	13,00 €	1	500	600	300	300	500	800	500	300	100	600	300	300	500	800	500	250	100
Battery	7,00 €	1	400	700	400	300	0	400	100	300	400	500	200	300	400	600	300	250	
Power Supply	15,00 €	1	100	400	100	300	300	400	100	300	300	400	100	300	300	400	100	250	
Other mechanical components	15,00 €	1	300	500	200	300	300	500	200	300	300	500	200	300	300	500	200	250	300
Other Electronic components	8,00 €	1	100	400	100	300	300	400	100	300	300	400	100	300	300	400	100	250	300
Vacuum Cleaner Engine	4,00 €	1	100	400	100	300	300	400	100	300	300	400	100	300	300	400	100	250	300
Dirt Bin	5,00 €	1	100	400	100	300	300	400	100	300	300	400	100	300	300	400	100	250	300
Side Brushes	2,50 €	2	300	700	100	600	600	700	100	600	600	700	100	600	600	700	100	500	600
Central Brush	5,00 €	1	400	700	400	300	0	400	100	300	400	500	200	300	400	600	300	250	400
Other Vacuum Cleaner Accessories	3,00 €	1	200	500	200	300	200	400	100	300	400	500	200	300	200	400	100	250	400
Average S	Stock & O	rder Amo	ount	17	79	€ 5	3.600,00	14	13	€ 5	3.800,00	15	50	€ 5	8.400,00	17	1	€ 4	9.600,00

					Wee	sk 36			Wee	sk 37			Wee	k 38			Wee	ek 39	
				MPS W	eek 36	MPS No	xt Week	MPS W	leek 37	MPS No	xt Week	MPS W	eek 38	MPS No	xt Week	MPS V	leek 39	MPS No	xt Week
Components		Component per product	Minimum Order	25	0	30	00	30	00	3	00	30	10	25	io	2	50	3	00
				Start Week Inventory	Inventory	Components Needed for Next Week	To order for next Week	Start Week Inventory	End Week Inventory Projected	Component s Needed for Next Week	To order for next Week	Start Week Inventory	End Week Inventory Projected	Component s Needed for Next Week	To order for next Week	Start Week Inventory	End Week Inventory Projected	Component s Needed for Next Week	To order for next Week
Engine	12,00 €	1	100	400	150	300	300	450	150	300	300	450	150	250	200	350	100	300	300
Wheels	1,00 €	4	200	1100	100	1200	1200	1300	100	1200	1200	1300	100	1000	1000	1100	100	1200	1200
Frame	7,00 €		300	500	250				250		300	550	250		300	550			
Sensor	10,00 €		400	2100	100				100			2500	100		2000	2100			
Body	13,00 €		500	600	350				550		100	650	350		0	350			
Battery	7,00 €		400	700	450				250		400	650	350		0	350			
Power Supply	15,00 €		100	400	150				150		300	450	150		200	350			
Other mechanical components	15,00 €	1	300	500	250	300	300	550	250	300	300	550	250	250	300	550	300	300	300
Other Electronic components	8,00 €	1	100	400	150	300	300	450	150	300	300	450	150	250	200	350	100	300	300
Vacuum Cleaner Engine	4,00 €	1	100	400	150	300	300	450	150	300	300	450	150	250	200	350	100	300	300
Dirt Bin	5,00 €		100	400	150	300	300	450	150	300	300	450	150		200	350	100	300	
Side Brushes	2,50 €	2	300	700	200	600	600		200	600	600	800	200	500	600	800	300	600	600
Central Brush	5,00 €		400	700	450	300	100	550	250	300	400	650	350	250	0	350	100	300	400
Other Vacuum Cleaner Accessories	3,00 €	1	200	500	250	300	200	450	150	300	400	550	250	250	200	450	200	300	200
Average S	tock & C	rder Amo	unt	22	5	€ 5	4.800.00	20	14	€ 5	3.800.00	21	11	€ 3	3.500.00	- 11	50	€ 5	8.400.00

											Octo	ber											
					Wee	k 40			Wee	k 41			Wee	ık 42			Wee	k 43			Wee	ık 44	
				MPS W	leek 40	MPS Nex	rt Week	MPS W	leek 41	MPS No	xt Week	MPS W	eek 42	MPS No	xt Week	MPS W	leek 43	MPS No	ext Week	MPS W	cek 44	MPS No	ext Week
Components	Cost per Component	Component per product	Minimum Order	30	10	30	0	30	00	3	00	30	0	31	00	30	00	31	00	30	10	3	00
				Start Week Inventory	Inventory	Components Needed for Next Week	To order for next Week	Start Week Inventory	Inventory	Component s Needed for Next Week	To order for next Week	Start Week Inventory	Inventory	Component s Needed for Next Week	To order for next Week	Start Week Inventory	End Week Inventory Projected	Component s Needed for Next Week	To order for next Week	Start Week Inventory	Inventory	Component s Needed for Next Week	To order for next Week
Engine	12,00 €	- 1	100	400	100	300	300	400	100	300	300	400	100	300	300	400	100	300	300	400	100	300	
Wheels	1,00 €		200	1300	100		1200	1300	100			1300	100				100			1300	100	1200	
Frame	7,00 €		300	600	300		300	600	300			600	300				300			600	300	300	
Sensor	10,00 €		400	2500	100			2500	100			2500	100			2500	100			2500	100	2400	
Body	13,00 €		500	600	300			800	500			600	300				500			600	300	300	
Battery	7,00 €		400	500	200	300		600	300			700	400	300	0	400	100	300		500	200	300	
Power Supply	15,00 €		100	400	100			400	100			400	100				100			400	100	300	
Other mechanical components	15,00 €	1	300	600	300	300	300	600	300	300	300	600	300	300	300	600	300	300	300	600	300	300	300
Other Electronic components	8,00 €	1	100	400	100	300	300	400	100	300	300	400	100	300	300	400	100	300	300	400	100	300	300
Vacuum Cleaner Engine	4,00 €	1	100	400	100	300	300	400	100	300	300	400	100	300	300	400	100	300	300	400	100	300	300
Dirt Bin	5,00 €	- 1	100	400	100	300	300	400	100	300	300	400	100	300	300	400	100	300	300	400	100	300	300
Side Brushes	2,50 €		300	900	300		600	900	300			900	300				300			900	300	600	
Central Brush	5,00 €		400	500	200	300		600	300			700	400			400	100			500	200	300	
Other Vacuum Cleaner Accessories	3,00 €	1	200	400	100	300	400	500	200	300	200	400	100	300	400	500	200	300	200	400	100	300	400
Average S	tock & C	rder Amo	unt	17	71	€ 5	9.000,00	20	7	€ 5	3.200,00	20	10	€ 5	4.200,00	17	79	€ 5	3.200,00	17	1	€ 5	9.000,00

										Nover	nber									
						Wee	k 45			Wee	sk 46			Wee	k 47			Wee	k 48	
					MPS W	leek 45	MPS Nex	kt Week	MPS W	leek 46	MPS No	xt Week	MPS W	eek 47	MPS No	xt Week	MPS W	leek 48	MPS No	xt Week
Cor	nponents	Cost per Component	Component per product	Minimum Order	30	10	25	0	25	50	25	i0	25	io	30	10	30	00	30	00
					Start Week Inventory	Inventory	Components Needed for Next Week	To order for next Week	Start Week Inventory	Inventory	Component s Needed for Next Week	To order for next Week	Start Week Inventory	Elia Week	Component s Needed for Next Week	To order for next Week	Start Week Inventory	Inventory Designated	Component s Needed for Next Week	To order for next Week
Eng	ine	12,00 €	1	100		100			400			200	350	100			400			300
Wh	eels	1,00 €	4	200	1300	100	1000					1000	1100	100		1200				1200
Fra	me	7,00 €	1	300	600	300	250	300	600	350	250	0	350	100	300	300	400	100	300	300

					Wee	k 45			Wee	sk 46			Wee	ık 47			Wee	k 48	
				MPS W	Veek 45	MPS No:	kt Week	MPSW	leek 46	MPS No	xt Week	MPSW	leek 47	MPS No	xt Week	MPS W	leek 48	MPS No	xt Week
Components	Cost per Component	Component per product	Minimum Order	31	00	25	0	25	50	2	50	2!	50	31	00	30	00	3	00
				Start Week Inventory	Inventory	Components Needed for Next Week	To order for next Week	Start Week Inventory	End Week Inventory Projected	Component s Needed for Next Week	To order for next Week	Start Week Inventory	Inventory	Component s Needed for Next Week	To order for next Week	Start Week Inventory	End Week Inventory Projected	Component s Needed for Next Week	To order for next Week
Sensor	10,00 €	8	400	2500	100	2000	2000	2100	100	2000	2000	2100	100	2400	2400	2500	100	2400	2400
Body	13,00 €	1	500	800	500	250	100	600	350	250	0	350	100	300	500	600	300	300	500
Battery	7,00 €	1	400	600	300	250	400	700	450	250	100	550	300	300	400	700	400	300	
Power Supply	15,00 €	1	100	400	100	250	300	400	150	250	200	350	100	300	300	400	100	300	300
Other mechanical components	15,00 €	1	300	600	300	250	300	600	350	250	0	350	100	300	300	400	100	300	300
Other Electronic components	8,00 €	1	100	400	100	250	300	400	150	250	200	350	100	300	300	400	100	300	300
Vacuum Cleaner Engine	4,00 €	1	100	400	100	250	300	400	150	250	200	350	100	300	300	400	100	300	300
Dirt Bin	5,00 €	1	100	400	100	250		400	150	250	200	350	100	300		400	100	300	300
Side Brushes	2,50 €	2	300	900	300	500	300	600	100	500	600	700	200	600	600	800	200	600	600
Central Brush	5,00 €	1	400	600	300	250	400	700	450	250	100	550	300	300	400	700	400	300	
Other Vacuum Cleaner Accessories	3,00 €	1	200	500	200	250	200	400	150	250	200	350	100	300	400	500	200	300	200
Average S	tock & O	rder Amo	ount	20	07	€ 4	8.250,00	22	5	€ 3	3.100,00	12	36	€ 5	9.000,00	17	71	€ 5	3.600,00

									Decer	nber									
					We	ek 49			We	k 50			Wee	k 51			Wee	ek 52	
				MPS W	Veek 49	MPS No	xt Week	MPS W	leek 50	MPS N	ext Week	MPS W	leek 51	MPS No	xt Week	MPS V	leek 52	MPS N	ext Week
Components	Cost per Component	Component per product		31	00	11	i0	15	50		50	5	0	3	00	31	00		
				Start Week Inventory	Inventory	Components Needed for Next Week	To order for next Week	Start Week Inventory	End Week Inventory Projected	Component s Needed for Next Week	To order for next Week	Start Week Inventory	End Week Inventory Projected	Component s Needed for Next Week	To order for next Week	Start Week Inventory	End Week Inventory Projected	Component s Needed for Next Week	To order for next Week
Engine	12,00 €							300	150			150) (
Wheels	1,00 €							700				300	100) (
Frame	7,00 €							400	250			350	300						
Sensor	10,00 €							1300				500)
Body	13,00 €		500					600	450			550	500						
Battery	7,00 €		400					500	350			450	400)
Power Supply	15,00 €		100					300	150			150) (
Other mechanical components	15,00 €	1	300	400	100	150	300	400	250	50	100	350	300	300	300	600	300		
Other Electronic components	8,00 €	1	100	400	100	150	200	300	150	50	0	150	100	300	300	400	100		0
Vacuum Cleaner Engine	4,00 €	1	100	400	100	150	200	300	150	50	0	150	100	300	300	400	100)
Dirt Bin	5,00 €	1	100	400	100	150	200	300	150	50	0	150	100	300	300	400	100) (
Side Brushes	2,50 €	2	300	800	200	300	300	500	200	100	0	200	100	600	600	700	100) (
Central Brush	5,00 €							500				450) (
Other Vacuum Cleaner Accessories	3,00 €	1	200	400	100	150	200	300	150	50	0	150	100	300	400	500	200		
	Stook & C	Order Amo	t	10	200	€ 3	5.450.00	2		€	8.900.00	20	20	€ 4	9.000.00	15	-0	€	0,00

Material Requirement Planning: Molly S

											Janu	ary											
					We	ek 1			We	ek 2			Wee	ak 3			We	ek 4			We	ek 5	
				MPS V	Veek 1	MPS No	xt Week	MPS V	Veek 2	MPS No	xt Week	MPS V	Veek 3	MPS No	xt Week	MPS V	Veek 4	MPS No	xt Week	MPS V	leek 5	MPS No	ext Week
Components			Minimum Order	20	00	20	0	20	00	2	00	20	10	21	00	20	00	20	00	20	10	2	250
				Start Week Inventory	Inventory	Components Needed for Next Week	To order for next Week	Start Week Inventory		Component s Needed for Next Week	To order for next Week	Start Week Inventory	Inventory Designated	Component s Needed for Next Week	To order for next Week	Start Week Inventory		Component s Needed for Next Week	To order for next Week	Start Week Inventory	Inventory Designated	Component s Needed for Next Week	To order for next Week
Engine	18,00 €	1	100	500	300	200	0	300	100	200	200	300	100	200	200	300	100	200	200	300	100	250	300
Wheels	1,00 €	4	200	2000	1200	800	100	1300	500	800	400	900	100	800	800	900	100	800	800	900	100	1000	
Frame	10,00 €	1	300	500	300	200	0	300	100	200	300	400	200	200	300	500	300	200	0	300	100	250	
Sensor	15,00 €		400	4000	2400			2500	900	1600		1700	100	1600	1600	1700	100			1700	100		
Body	15,00 €		500	500				300	100	200		600	400	200	100	500	300			300	100		
Battery	10,00 €		400	500				300	100			500	300	200	0	300	100				300		
Power Supply	15,00 €	1	100	500	300			300	100			300	100	200	200	300	100				100		
Other mechanical components	20,00 €	1	300	500	300	200	0	300	100	200	300	400	200	200	300	500	300	200	0	300	100	250	300
Other Electronic	10,00 €		100	500				300	100			300	100	200	200	300	100			300	100		
Mop Engine	4,00 €		100	500				300	100			300	100	200	200	300					100		
Water Tank	4,00 €		100	500				300	100			300	100	200	200	300					100		
Mop Cloth	2,00 €		300	1000	800			900	700	200		800	600	200	100	700	500				400		
Other Mop Accessories	2,50 €	1	200	400	200	200	200	400	200	200	200	400	200	200	200	400	200	200	200	400	200	250	200
Average S	tock & C	rder Amo	ount	56	52	€	2.300,00	24	16	€ 4	3.800.00	20	00	€ 4	6.200.00	18	35	€ 3	9.700.00	14	16	€ 6	7.500,00

									Febru	ary									
					We	ek 6			We	ek 7			We	ek 8			We	ek 9	
				MPS V	Veek 6	MPS Ne:	kt Week	MPS V	Veek 7	MPS No	xt Week	MPS V	Veek 8	MPS No	xt Week	MPS V	Veek 9	MPS No	ext Week
Components	Cost per Component	Component per product	Minimum Order	25	io	25	0	25	50	2	50	25	io	2	50	25	50	2	50
				Start Week Inventory	End Week Inventory Projected	Components Needed for Next Week	To order for next Week	Start Week Inventory	End Week Inventory Projected	Component s Needed for Next Week	To order for next Week	Start Week Inventory	End Week Inventory Projected	Component s Needed for Next Week	To order for next Week	Start Week Inventory	End Week Inventory Projected	Component s Needed for Next Week	To order for next Week
Engine	18,00 €	- 1	100	400	150	250	200	350	100	250	300	400	150	250	200	350	100	250	
Wheels	1,00 €	4	200	1100	100	1000	1000	1100	100	1000	1000	1100	100	1000	1000	1100	100	1000	
Frame	10,00 €	- 1	300	400	150	250	300	450	200	250	300	500	250	250	300	550	300	250	
Sensor	15,00 €	8	400	2100	100	2000	2000	2100	100	2000	2000	2100	100	2000	2000	2100	100	2000	
Body	15,00 €	- 1	500	600	350	250	0	350	100	250	500	600	350	250	0	350	100	250	500
Battery	10,00 €	- 1	400	700	450		100	550	300		400	700	450			550	300		
Power Supply	15,00 €	- 1	100	400	150			350	100		300	400	150			350	100		
Other mechanical components	20,00 €	1	300	400	150	250	300	450	200	250	300	500	250	250	300	550	300	250	300
Other Electronic components	10,00 €	1	100	400	150	250	200	350	100	250	300	400	150	250	200	350	100	250	300
Mop Engine	4,00 €	- 1	100	400	150	250	200	350	100	250	300	400	150	250	200	350	100	250	
Water Tank	4,00 €	- 1	100	400	150	250	200	350	100	250	300	400	150	250	200	350	100	250	
Mop Clath	2,00 €	- 1	300	500	250	250	300	550	300	250	300	600	350	250	0	350	100	250	300
Other Mop Accessories	2,50 €	1	200	400	150	250	200	350	100	250	400	500	250	250	200	450	200	250	200
Average S	tock & C	rder Amo	ount	18	38	€ 5	2.300,00	14	16	€ 6	8.400,00	2	9	€ 5	1.700,00	15	54	€ 6	7.900,00

									Mar	ch									
					Wee	k 10			Wee	sk 11			Wee	ık 12			Wee	k 13	
				MPS W	leek 10	MPS Ne:	kt Week	MPS W	/eek 11	MPS No	xt Week	MPSW	leek 12	MPS No	xt Week	MPS W	eek 13	MPS No	ext Week
Components	Cost per Component	Component per product	Minimum Order	25	io	25	0	25	50	2	50	25	50	2	50	25	ю	21	50
				Start Week Inventory	Inventory	Components Needed for Next Week	To order for next Week	Start Week Inventory	End Week Inventory Projected	Component s Needed for Next Week	To order for next Week	Start Week Inventory	End Week Inventory Projected	Component s Needed for Next Week	To order for next Week	Start Week Inventory	End Week Inventory Projected	Component s Needed for Next Week	To order for next Week
Engine	18,00 €	1	100	400	150	250	200	350	100	250	300	400	150	250	200	350	100	250	
Wheels	1,00 €	4	200	1100	100	1000	1000	1100	100	1000	1000	1100	100	1000	1000	1100	100	1000	
Frame	10,00 €	1	300	600	350	250	0	350	100	250	300	400	150	250	300	450	200	250	300
Sensor	15,00 €	8	400	2100	100	2000	2000	2100	100	2000	2000	2100	100	2000	2000	2100	100	2000	
Body	15,00 €	1	500	600	350	250	0	350	100	250	500	600	350	250	0	350	100	250	500
Battery	10,00 €	1	400	700	450	250	100	550	300	250	400	700	450	250	100	550	300	250	
Power Supply	15,00 €	1	100	400	150	250	200	350	100	250	300	400	150	250	200	350	100	250	300
Other mechanical components	20,00 €	1	300	600	350	250	0	350	100		300	400	150			450	200		
Other Electronic components	10,00 €	1	100	400	150	250	200	350	100	250	300	400	150	250	200	350	100	250	300
Mop Engine	4,00 €	1	100		150		200	350	100		300	400	150			350	100		300
Water Tank	4,00 €	1	100		150			350	100			400	150			350	100		
Mop Cloth	2,00 €	1	300		150			450	200			500				550	300		
Other Mop Accessories	2,50 €	1	200	400	150	250	200	350	100	250	400	500	250	250	200	450	200	250	200
Average S	Stock & C	rder Amo	ount	21	2	€ 4	3.300,00	12	23	€ 6	8.400,00	19	96	€ 5	2.300,00	15	i4	€ 6	7.900,00

			Apr	ŗil		
		Week 14	Week 15	Week 16	Week 17	Week 18

					Wee	k 14			Wee	k 15			Wee	ık 16			Wee	ek 17			Wee	ek 18	
				MPS W	eek 14	MPS Ne:	kt Week	MPS W	leek 15	MPS No	xt Week	MPS W	eek 16	MPS No	xt Week	MPS W	leek 17	MPS No	xt Week	MPS W	leek 18	MPS No	ext Week
Components		Component per product	Minimum Order	25	io	25	0	25	50	2	50	25	0	2	50	25	50	2	00	20	10	20	00
				Start Week Inventory	Inventory	Components Needed for Next Week	To order for next Week	Start Week Inventory	Inventory Desired	Component s Needed for Next Week	To order for next Week	Start Week Inventory	Inventory	Component s Needed for Next Week	To order for next Week	Start Week Inventory	End Week Inventory Projected	Component s Needed for Next Week	To order for next Week	Start Week Inventory	Inventory	Component s Needed for Next Week	To order for next Week
Wheels	1,00 €	4	200	1100	100	1000	1000	1100	100	1000	1000	1100	100	1000	1000	1100	100	800	800	900	100	800	800
Frame	10,00 €	- 1	300	500	250	250		550	300			600	350			350	100			400	200		
Sensor	15,00 €	8	400	2100	100	2000	2000	2100	100	2000	2000	2100	100	2000	2000	2100	100	1600	1600	1700	100	1600	1600
Body	15,00 €	- 1	500	600	350			350	100	250	500	600	350			350	100			600	400	200	100
Battery	10,00 €	1	400	700	450	250	100	550	300			700	450	250	100	550	300			300	100	200	
Power Supply	15,00 €	- 1	100	400	150			350	100			400	150			350	100			300	100	200	
Other mechanical components	20,00 €	1	300	500	250	250	300	550	300	250	300	600	350	250	0	350	100	200	300	400	200	200	300
Other Electronic components	10,00 €	1	100	400	150	250		350	100			400	150			350	100			300	100		
Mop Engine	4,00 €	1	100	400	150	250	200	350	100	250	300	400	150	250	200	350	100	200	200	300	100	200	
Water Tank	4,00 €	1	100	400	150			350	100			400	150			350	100			300	100		
Mop Cloth	2,00 €	- 1	300	600	350	250	0	350	100			400	150	250	300	450	200	200	300	500	300	200	0
Other Mop Accessories	2,50 €	1	200	400	150	250	200	350	100	250	400	500	250	250	200	450	200	200	200	400	200	200	200
Average S	tock & C	rder Amo	unt	21	2	€ 5	1.700,00	14	16	€ 6	8.400,00	21	9	€ 4	3.300,00	13	31	€ 5	2.600,00	16	62	€ 5	0.000,00

									Ma	y									
					Wes	ek 19			Wee	k 20			Wee	k 21			Wee	k 22	
				MPS W	leek 19	MPS No	xt Week	MPS W	eek 20	MPS No	xt Week	MPS W	eek 21	MPS No	xt Week	MPS W	leek 22	MPS N	xt Week
Components		Component per product	Minimum Order	21	00	20	00	20	10	3	00	30	10	20	10	20	00	3	00
				Start Week Inventory	Inventory	Components Needed for Next Week	To order for next Week	Start Week Inventory	Inventory	Component s Needed for Next Week	To order for next Week	Start Week Inventory	Designated	Component s Needed for Next Week	To order for next Week	Start Week Inventory	End Week Inventory Projected	Component s Needed for Next Week	To order for next Week
ngine	18,00 €	1	100	300	100	200	200	300	100	300	300	400	100	200	200	300	100	300	300
heels	1,00 €	4	200	900	100	800	800	900	100	1200	1200	1300	100	800	800	900	100	1200	1200
ame	10,00 €	1	300	500	300	200	0	300	100	300	300	400	100	200	300	400	200	300	300
nsor	15,00 €	8	400	1700	100	1600	1600	1700	100	2400	2400	2500	100	1600	1600	1700	100	2400	2400
dy	15,00 €	- 1	500	500	300	200	0	300	100	300	500	600	300	200	0	300	100	300	500
attery	10,00 €	1	400	500	300	200	0	300	100	300	400	500	200	200	400	600	400	300	
wer Supply	15,00 €	1	100	300	100	200	200	300	100	300	300	400	100	200	200	300	100		
her echanical mponents	20,00 €	1	300	500	300	200	0	300	100	300	300	400	100	200	300	400	200	300	300
Other Electronic components	10,00 €	1	100	300	100	200	200	300	100	300	300	400	100	200	200	300	100	300	300
top Engine	4,00 €	1	100	300	100	200	200	300	100	300	300	400	100	200	200	300	100	300	
ater Tank	4,00 €	1	100	300	100	200	200	300	100	300	300	400	100	200	200	300	100	300	300
p Cloth	2,00 €	1	300	300	100	200	300	400	200	300	300	500	200	200	300	500	300	300	300
ther Mop coessories	2,50 €	1	200	400	200	200	200	400	200	300	200	400	100	200	200	300	100	300	400
Average S	Stock & C	rder Amo	ount	16	39	€ 3	6.100.00	11	5	€ 7	4.100.00	13	31	€ 4	9.100.00	15	54	€ 7	0.600,00

									Jur	ie									
					Wee	k 23			Wee	k 24			Wee	ık 25			Wee	k 26	
				MPS W	leek 23	MPS Ne	kt Week	MPS W	leek 24	MPS No	xt Week	MPS W	eek 25	MPS No	xt Week	MPS W	eek 26	MPS No	xt Week
Components		Component per product		31	00	20	0	20	00	2	00	20	10	2	00	20	10	21	00
				Start Week Inventory	Inventory	Components Needed for Next Week	To order for next Week	Start Week Inventory	End Week Inventory Projected	Component s Needed for Next Week	To order for next Week	Start Week Inventory	End Week Inventory Projected	Component s Needed for Next Week	To order for next Week	Start Week Inventory	End Week Inventory Projected	Component s Needed for Next Week	To order for next Week
gine	18.00 €	- 1	100	400	100	200	200	300	100		200	300	100		200	300	100		20
eels	1,00 €	4	200	1300			800	900			800	900	100			900	100	800	
ne	10,00 €	- 1	300	500	200	200	300	500	300	200	0	300	100	200	300	400	200	200	30
sor	15,00 €		400					1700	100	1600		1700	100	1600		1700	100		
ty	15,00 €		500										400			500	300		
tery	10,00 €		400									300	100			500	300		
wer Supply er chanical nponents	15,00 €		300					300 500					100			300 400	100 200		
Ither lectronic omponents	10,00 €		100					300				300	100			300	100		
op Engine	4,00 €		100					300				300	100			300	100		
er Tank	4,00 €		100										100			300	100		
p Cloth	2,00€		300					300				400	200			500	300		
her Mop cessories	2,50 €		200										200			400	200		
Average S	tock & O	rder Amo	unt	15	54	€ 4	8.500.00	15	54	€ 4	3.600.00	13	28	€ 5	0.600.00	16	9	€ 4	4.500,0

											Jul	v											
					Wee	ek 27			Wee	k 28			Wee	ak 29			Wee	k 30			Wee	nk 31	
				MPS W	leek 27	MPS Nex	t Week	MPS W	eek 28	MPS No	xt Week	MPS W	eek 29	MPS No	xt Week	MPS W	eek 30	MPS No	xt Week	MPS W	leek 31	MPS No	ext Week
Components	Cost per Component		Minimum Order	20	00	20	0	20	10	20	00	20	0	16	50	15	ю	15	50	18	50	20	100
				Start Week Inventory	Inventory	Components Needed for Next Week	To order for next Week	Start Week Inventory	Inventory	Component s Needed for Next Week	To order for next Week	Start Week Inventory	Inventory	Component s Needed for Next Week	To order for next Week	Start Week Inventory	Inventory	Component s Needed for Next Week	To order for next Week	Start Week Inventory		Component s Needed for Next Week	To order for next Week
Engine	18,00 €	1	100	300	100	200	200	300	100	200		300	100			300	150	150	100	250	100		200
Wheels	1,00 €	4	200	900	100	800	800	900	100	800	800	900	100	600	600	700	100	600	600	700	100	800	800
Frame	10,00 €	1	300	500	300	200	0	300	100	200	300	400	200	150	300	500	350	150	100	450	300	200	0
Sensor	15,00 €	8	400	1700	100	1600	1600	1700	100	1600	1600	1700	100	1200	1200	1300	100	1200	1200	1300	100	1600	1600
Body	15,00 €	1	500	300	100	200	500	600	400	200	100	500	300	150	100	400	250	150	0	250	100	200	500
Battery	10,00 €	1	400	300	100	200	400	500	300	200	0	300	100	150	400	500	350	150	100	450	300	200	0
Power Supply	15,00 €	1	100	300	100	200	200	300	100	200	200	300	100	150		300	150	150	100	250	100	200	200
Other mechanical components	20,00 €	1	300	500	300	200	0	300	100	200	300	400	200	150	300	500	350	150	100	450	300	200	. 0
Other Electronic components	10,00 €	1	100	300	100		200	300	100			300	100			300	150				100		
Mop Engine	4,00 €	1	100	300			200	300	100	200		300	100			300	150	150	100	250	100		200
Water Tank	4,00 €	1	100	300			200	300	100			300	100			300	150				100		
Mop Cloth	2,00 €	1	300	300	100	200	300	400	200	200	300	500	300	150	100	400	250	150	0	250	100	200	300

					Wee	nk 27			Wee	nk 28			Wee	k 29			Wee	k 30			Wee	k 31	
				MPS W	leek 27	MPS No	xt Week	MPS W	/eek 28	MPS No	xt Week	MPSW	leek 29	MPS No	xt Week	MPS W	leek 30	MPS N	ext Week	MPS W	leek 31	MPS No	xt Week
Components	Cost per Component pe	omponent er product	Minimum Order	20	10	20	00	20	00	20	00	20	00	1	50	16	50	1	50	15	50	2	00
				Start Week Inventory	Inventory	Components Needed for Next Week	To order for next Week		Inventory	Component s Needed for Next Week	To order for next Week		Inventory	Component s Needed for Next Week	To order for next Week		Inventory Projected	Component s Needed for Next Week	To order for next Week		Inventory Projected	Component s Needed for Next Week	To order for next Week
Other Mop Accessories	2,50 €	1	200	400	200	200	200	400	200	200	200	400	200	150	200	400	250	150	0	250	100	200	200
Average S	tock & Orc	der Amo	unt	13	38	€ 4	7.600,00	15	54	€ 4	6.600,00	15	54	€ 4	4.000,00	21	12	€ 2	7.700,00	14	16	€ 4	3.600,00

									Aug	ust									
					Wee	ık 32			Wee	k 33			Wee	ek 34			Wee	k 35	
				MPS W	Veek 32	MPS No	xt Week	MPS W	eek 33	MPS No	xt Week	MPSW	leek 34	MPS No	xt Week	MPS W	leek 35	MPS No	xt Week
Components		Component per product		21	00)	0		21	00	20	00	2	10	20	00	31	00
				Start Week Inventory	Inventory	Components Needed for Next Week	To order for next Week	Start Week Inventory	End Week Inventory Projected	Component s Needed for Next Week	To order for next Week	Start Week Inventory	End Week Inventory Projected	Component s Needed for Next Week	To order for next Week	Start Week Inventory	End Week Inventory Projected	Component s Needed for Next Week	To order for next Week
Engine	18,00 €	1	100	300	100	0	0	100	100	200	200	300	100	200	200	300	100	300	300
Wheels	1,00 €		200	900				100	100			900	100		800	900	100		1200
Frame	10,00 €		300					100	100			400	200			500	300		300
Sensor	15,00 €	8	400	1700	100	0	0	100	100	1600	1600	1700	100	1600	1600	1700	100	2400	2400
Body	15,00 €	1	500	600	400	0	100	500	500	200	100	600	400	200	100	500	300	300	500
Battery	10,00 €	1	400	300	100	0	0	100	100	200	400	500	300	200	0	300	100	300	400
Power Supply	15,00 €		100					100	100			300	100			300	100		300
Other mechanical components	20,00 €	1	300	300	100	0	0	100	100	200	300	400	200	200	300	500	300	300	300
Other Electronic components	10,00 €	1	100	300	100	0	0	100	100	200	200	300	100	200	200	300	100	300	300
Mop Engine	4,00 €	1	100	300	100	0	0	100	100	200	200	300	100	200	200	300	100	300	300
Water Tank	4,00 €		100					100	100			300	100		200	300	100		300
Mop Cloth	2,00 €		300				100	300	300			300	100			400	200		300
Other Mop Accessories	2,50 €	1	200	300	100	0	0	100	100	200	200	300	100	200	200	300	100	300	400
Average S	tock & O	Irder Ame	nunt	13	31	€	1.700.00	14	6	€ 5	0.000.00	15	54	€ 4	6.600.00	15	54	€ 7	4.600.00

			_						Septe	11001									
					Wee	k 36			Wee	k 37			Wee	k 38		Week 39			
				MPS W	MPS Week 36		MPS Next Week		/eek 37	MPS No	xt Week	MPS W	eek 38	MPS Next Week		MPS Week 39		MPS Next Week	
Components	Cost per Component	Component per product	Minimum Order	300		200		200		200		200		200		200		250	
					Start Week Inventory	Inventory	Components Needed for Next Week	To order for next Week	Start Week Inventory	End Week Inventory Projected	Component s Needed for Next Week	To order for next Week	Start Week Inventory	Inventory Desirated	Component s Needed for Next Week	To order for next Week	Start Week Inventory	Inventory	Component s Needed for Next Week
ngine	18,00 €	- 1	100	400	100	200	200	300	100	200	200	300	100	200	200	300	100	250	300
Wheels	1,00 €	4	200	1300	100	800	800	900	100			900	100				100		
rame	10,00 €	- 1	300	600	300	200	0	300	100	200	300	400	200	200	300	500	300	250	300
Sensor	15,00 €	8	400	2500	100	1600	1600	1700	100	1600	1600	1700	100	1600	1600	1700	100	2000	2000
Body	15,00 €	- 1	500	800	500	200	100	600	400	200	100	500	300	200	0	300	100	250	500
Battery	10,00 €	- 1	400	500	200	200	400	600	400	200	100	500	300	200	0	300	100	250	400
ower Supply	15,00 €	- 1	100	400	100	200	200	300	100	200	200	300	100	200	200	300	100	250	300
Other nechanical components	20,00 €	1	300	600	300	200	0	300	100	200	300	400	200	200	300	500	300	250	300
Other Electronic components	10,00 €	1	100	400	100	200	200	300	100	200	200	300	100	200	200	300	100	250	300
Mop Engine	4,00 €	1	100	400	100	200	200	300	100	200		300	100	200	200	300	100	250	300
Water Tank	4,00 €	1	100	400	100	200	200	300	100			300	100				100	250	
Mop Cloth	2,00 €	1	300	500	200	200	300	500	300	200	0	300	100	200	300	400	200	250	
Other Mop Accessories	2,50 €	1	200	500	200	200	200	400	200	200	200	400	200	200	200	400	200	250	200

											Octo	ber												
					Wee	ek 40			Wee	k 41		Week 42					Wee	k 43		Week 44				
				MPS W	leek 40	MPS No:	kt Week	MPS W	leek 41	MPS No	xt Week	MPS W	oek 42	MPS No	xt Week	MPS W	leek 43	MPS No	xt Week	MPS W	eek 44	MPS No	ext Week	
Components	Cost per Component		Minimum Order	25	60	20	0	20	00	25	50	25	0	25	50	25	50	21	50	25	0	2	150	
			1 100	Start Week Inventory	End Week Inventory Projected	Components Needed for Next Week	To order for next Week	Start Week Inventory	Inventory Desired	Component s Needed for Next Week	To order for next Week	Start Week Inventory	End Week Inventory Projected	Component s Needed for Next Week	To order for next Week	Start Week Inventory	End Week Inventory Projected	Component s Needed for Next Week	To order for next Week	Start Week Inventory	End Week Inventory Projected	Component s Needed for Next Week	To order for next Week	
Engine	18,00 €	1	100	400	150	200	200	350	150	250	200	350	100	250	300	400	150	250	200	350	100	250		
Wheels	1,00 €	4	200	1100	100	800	800	900	100	1000	1000	1100	100	1000	1000	1100	100	1000	1000	1100	100	1000	1000	
Frame	10,00 €	1	300	600	350	200	100	450	250	250	300	550	300	250	300	600	350	250	0	350	100	250		
Sensor	15,00 €		400	2100	100			1700	100	2000	2000	2100	100		2000	2100	100			2100	100		2000	
Body	15,00 €		500	600	350			450	250	250		750	500			600	350			350	100			
Battery	10,00 €		400	500	250			650	450	250		550	300			700	450			550	300			
Power Supply	15,00 €		100	400	150			350	150	250	200	350	100			400	150			350	100			
Other mechanical components	20,00 €	1	300	600	350	200	100	450	250	250	300	550	300	250	300	600	350	250	0	350	100	250	300	
Other Electronic components	10,00 €	1	100	400	150	200	200	350	150	250	200	350	100	250	300	400	150	250	200	350	100	250	300	
Mop Engine	4,00 €	- 1	100	400	150	200	200	350	150	250	200	350	100	250	300	400	150	250	200	350	100	250		
Water Tank	4,00 €	- 1	100	400	150	200	200	350	150	250	200	350	100	250	300	400	150	250	200	350	100	250		
Mop Cloth	2,00 €	- 1	300	500	250	200	300	550	350	250	0	350	100	250	300	400	150	250	300	450	200	250		
Other Mop Accessories	2,50 €	1	200	400	150	200	200	350	150	250	200	350	100	250	400	500	250	250	200	450	200	250	200	
Average S	Stock & O	rder Amo	ount	20)4	€ 4	4.600,00	20)4	€ 5	9.200,00	17	7	€ 6	2.400,00	21	19	€ 4	3.300,00	13	1	€ 6	7.900,00	

									Nover	nber									
					Wee	k 45			Wee	sk 46			Wee	k 47			Wee	k 48	
				MPS W	leek 45	MPS Nex	rt Week	MPS W	leek 46	MPS No	xt Week	MPS W	oek 47	MPS No	xt Week	MPS W	eek 48	MPS No	xt Week
Components	Cost per Component		Minimum Order	25	60	25	0	25	50	25	i0	25	0	25	50	25	ю	25	50
				Start Week Inventory	Inventory	Components Needed for Next Week	To order for next Week	Start Week Inventory	Inventory Desired	Component s Needed for Next Week	To order for next Week	Start Week Inventory	Inventory Projected	Component s Needed for Next Week	To order for next Week	Start Week Inventory	Inventory	Component s Needed for Next Week	To order for next Week
Engine	18,00 €	1	100			250		350	100		300	400	150				100		
Wheels	1,00 €		200						100		1000	1100	100			1100	100		
Frame	10,00 €	- 1	300	400	150	250	300	450	200	250	300	500	250	250	300	550	300	250	300

				Week 45				Week 46					Wee	ık 47		Week 48					
				MPS W	leek 45	MPS Ne:	kt Week	MPS W	eek 46	MPS No	xt Week	MPS W	leek 47	MPS No	xt Week	MPS W	leek 48	MPS No	xt Week		
Components		Component per product	Minimum Order	250		250		250		250		250		250		250		250			
				Start Week Inventory	Inventory	Components Needed for Next Week	To order for next Week	Start Week Inventory	End Week Inventory Projected	Component s Needed for Next Week	To order for next Week	Start Week Inventory	End Week Inventory Projected	Component s Needed for Next Week	To order for next Week	Start Week Inventory	Inventory	Component s Needed for Next Week	To order for next Week		
Sensor	15,00 €	8	400	2100	100	2000	2000	2100	100	2000	2000	2100	100	2000	2000	2100	100	2000	200		
Body	15,00 €	1	500	600	350	250	0	350	100	250	500	600	350	250	0	350	100	250	50		
Battery	10,00 €	1	400	700	450	250	100	550	300	250	400	700	450	250	100	550	300	250	40		
Power Supply	15,00 €		100	400	150				100			400			200	350					
Other mechanical components	20,00 €	1	300	400	150	250	300	450	200	250	300	500	250	250	300	550	300	250	30		
Other Electronic components	10,00 €	1	100	400	150	250	200	350	100	250	300	400	150	250	200	350	100	250	30		
Mop Engine	4,00 €	1	100	400	150	250	200	350	100	250	300	400	150	250	200	350	100	250	30		
Water Tank	4,00 €	1	100	400	150	250	200	350	100	250	300	400	150	250	200	350	100	250	30		
Mop Cloth	2,00 €	1	300	500	250	250	300	550	300	250	300	600	350	250	0	350	100	250	30		
Other Mop Accessories	2,50 €	1	200	400	150	250	200	350	100	250	400	500	250	250	200	450	200	250	20		
Average S	tock & O	order Amo	unt	18	38	€ 5	2.300.00	14	16	€ 6	8.400.00	2	19	€ 5	1.700.00	15	54	€ 6	7.900,00		

Other Mop Accessories	2,50 €		200		150											450				
Average S	Stock & C	rder Amo	ount	18	38	€ 5	2.300,00	14	46	€ 6	8.400,00	2	19	€ 5	1.700,00	15	54	€ 6	67.900,00	
					Wee	ek 49			Decen				Wes	ek 51			146-	rek 52		
				MPS W		MPS No:	kt Week	MPS W			ext Week	MPSW	Veek 51		xt Week	MPS W	leek 52		ext Week	
Components		Component per product		26	50	100		100		50		5	10	2	50	250				
				Start Week Inventory	Inventory	Components Needed for Next Week	To order for next Week	Start Week Inventory	End Week Inventory Projected	Component s Needed for Next Week	To order for next Week	Start Week Inventory	End Week Inventory Projected	Component s Needed for Next Week	To order for next Week	Start Week Inventory	End Week Inventory Projected	Component s Needed for Next Week	To order for next Week	
ine	18,00 €	- 1	100	400	150	100	100	250	150	50) 0	150	100	250	300	400	150	0 0	0 0	
els	1,00 €	4	200	1100	100	400	400	500	100	200	200	300	100	1000	1000	1100	100	0 0	0 0	
me	10,00 €	1	300	600	350	100	100	450	350	50	100	450	400	250	100	500	250	0 0	0 0	
nsor	15,00 €				100		800	900								2100		0 0	0 0	
ody	15.00 €		500		350	100		450	350							500	250	0 0	0 0	
attery	10,00 €	1	400	700	450	100	100	550	450	50	100	550	500	250	100	600	350	0 0	0 0	
ower Supply	15,00 €	1	100	400	150	100	100	250	150	50	0	150	100	250	300	400	150	0 0	0 0	
	20,00 €	1	300	600	350	100	100	450	350	50	100	450	400	250	100	500	250	0 0	0 0	
ther ectronic emponents	10,00 €	1	100	400	150	100	100	250	150	50	0	150	100	250	300	400	150	0 0	0 0	
	4,00 €	- 1	100	400	150	100	100	250	150	50) 0	150	100	250	300	400	150	0 0	0 0	
								250				150				400			0 0	
		- 1	100	400																
Water Tank	4,00 €		100		150													0 (2 0	
Mop Engine Water Tank Mop Cloth Other Mop Accessories		- 1	100 300 200	400	150 150 150	100	300	450	350	50	100		400	250	100	500	250		0 0	
Water Tank Mop Cloth Other Mop	4,00 € 2,00 € 2,50 €	1	300 200	400	150 150	100 100	300	450	350 250	50 50	100	450 350	400	250	100	500 500	250			