	<b>G12 - Jumper I</b>	nacillio - Cust	anaiyələ -	<b>TU.U</b>				
Bill o	of materials (B.O.M.)							
Component	Unit Price (euros) TTC	Quantity	Supplier	Step	Comments	Order URL	Ordered?	Deli
V blade	7,37 €	1	AliExpress	Agile 1 - Cutting	38*16*30	Lâminas de reposição peo	✓	13/11
Stepper motor Nema 17	19,50 €	2	Go Tronic	Agile 1 - Cutting & Distribution	59 Ncm 2A	https://www.gotronic.fr/	<u> </u>	07/04
Drivers TB6600	20,95€	2	Go Tronic	Agile 2 - Cutting & distrib	more efficient than the A8850	https://www.gotronic.fr/		07/04
Arduino Nano	25,90 €	1	Go Tronic	All		https://www.gotronic.fr/		07/04
Breadboard kit with power supply	9,50 €	1	Go Tronic	All	includes jumpers and a 5 V power supply	https://www.gotronic.fr/	<b>V</b>	07/04
ender 3 extruder	13,49 €	1	Amazon	Agile 1 - Distribution		CJ?psc=1∣=AEVHD\	~	01/01
Limit switch	0,86 €	1	L3D Service	Agile 1 - Distribution	Our current model have the little roll	ice.com/449-lot-de-5-interr	<b>✓</b>	03/01/
Capacitor découplage 100µF	0,07 €	1	Conrad	Agile 1 - Distribution		n=surfaces&utm_campaig	<u> </u>	17/03
Tube Polyamide Legris 4mm*2,7mm	17,95 €	1	RS	Agile 2 - Stripping	Need only 15 cm	com/web/p/tuyaux-a-air-co	✓	07/04
Alimentation GS6012 Mean Well	27,70 €	1	Go Tronic	Agile 3	12VDC ; 5A	https://www.gotronic.fr/	<u> </u>	07/04
Emergency button	7,80 €	1	Go Tronic	All	suited for the aliementation	https://www.gotronic.fr/	<b>V</b>	07/04/
Module joystick GT1079	2,90 €	1	Go Tronic	Agile 2 - Stripping	with the push button option	nic.fr/art-module-joystick-g	<u> </u>	07/04
LCD Arduino 16*2 I2C protocol	8,50 €	1	Go Tronic	Agile - stripping	less pins used than without protocol	https://www.gotronic.fr/	<b>V</b>	07/04
Connector USB A into mini USB b	1,90 €	1	Go Tronic	Agile 2	1 m	https://www.gotronic.fr/	<u> </u>	07/04/
Cordon IEC155	6,90 €	1	Go Tronic	Agile 3	2 m	https://www.gotronic.fr/	<b>~</b>	07/04
				-		*		
	Cost of labor					Cost of proc	ess	
	Number of hours/week (average during year)		33		Part Name	Step	Process	(according
GI/workshop	6		5		Support Bot	Distribution	Filament Fused Modeling	
At home	1	salary per hour (€) :	28,00€		Support Top		Filament Fused Modeling	
					Tension adler		Filament Fused Modeling	
		number of hours allocated in total	Cost of activity		Motor Support		Filament Fused Modeling	
conception - CAO (%)	55,00%	635,25	17 787 €		Base bobine support plate		Laser Cutting	
Test (%)	30,00%	346,5	9702€		Bobine support plate  Lock plate		Laser Cutting Laser Cutting	
deliverable preparation (%)	15,00%		4 851 €		Steps (x5)		Laser Cutting	
deliverable preparation (70)	13,0076	113,20	40316		Bearing support		Filament Fused Modeling	
					Hex nut		Filament Fused Modeling	
Total	anat						Ţ.	
Total cost					Pipe guide with angle		Filament Fused Modeling	
Labor Cost	32 340,00 €				Support plate	-	Laser Cutting	
Process Cost	174,21 €				Moving plate	-	Laser Cutting	
B.O.M.	211,74 €				Guides attach		Filament Fused Modeling	
	32 725,95 €				Blade support	-	Filament Fused Modeling	
File Tee e e litte :					Came	Cutting	Filament Fused Modeling	
File Tracability					Pentes	Cutting	Filament Fused Modeling	
version	Changes				Semiflex (x8 sizes)	Bending	Filament Fused Modeling	
V2.1	creation of the cost analysis file				Lower die (x8 sizes)		Filament Fused Modeling	
V2.2	add of "cost labor"section and e	•			Upper die (x8 sizes)		Filament Fused Modeling	
V2.3	add of "cost of process" and "total cost" section				Plate (x8 sizes)	_	Filament Fused Modeling	
V3.1	Add of bending parts cost				Remover	-	Filament Fused Modeling	
V3.2	Price updating with the order  Add the allocated hours section in the cost of labor				Plank		Laser Cutting	
V3.3	Add the allocated hours section i	n tne cost of labor			Legs		Laser Cutting	
					HMI top		Filament Fused Modeling	
					HMI bottom		Filament Fused Modeling	
					Emergency button bottom		Filament Fused Modeling	
					Emergency button top Switch bottom		Laser Cutting Filament Fused Modeling	
					Switch bottom Switch top	Assembly	Filament Fused Modeling Filament Fused Modeling	