

Bill of materials extrusion

Description	Material	Details	Quantity	Where to get it	Remarks	Price
Machine parts						
- Strip	Steel	30x3MM	10cm	Scrapyard		1
• Round bar	Steel	30MM	5.5 cm	Scrapyard	accurate and smooth from the inside	2
• Round bar	Steel	25MM	22 cm	Scrapyard		3
□ Square tube	Steel	30x30x3MM	800 cm	Scrapyard		35
o Tube	Steel	34x26x4MM	53 cm	Scrapyard/ Metal shop	make sure if fits the drill	1
L Angle profile	Steel	30x30x3mm	32	Scrapyard		2
Sheet metal	Steel	1mm		scrapyard		15
Motor	-		1	scrapyard	Around 70 RPM	30
Bearing	-		1	scrapyard/hardware store	UCFL 204	5
Drill	-	26 x 600 MM	1	scrapyard/hardware store	make sure if fits the tube	30
Electronics						
PID Controller	-	0-400 Degree	2x	Ebay		20
SSR	-	2-24 V	2x	Ebay		8
Thermocouple	-	Type K	2x	Ebay		15
Bandheater	metal	35x45MM	3x	Ebay		18
Bandheater	metal	40x45 MM				

Power switch	-	220V	1x	Scrapyard/Hardware store	3
Led indicator	-	220V	1x	Hardware store	3
Powercord	-		5 M	Scrapyard/Hardware store	2
				Total	€192
					Price varies depending on where you live