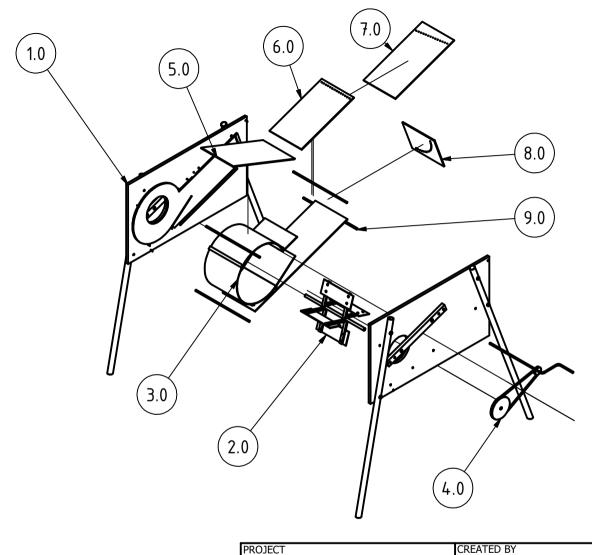


Note: all ur								
PROJECT (		CREATED BY	APPROVED BY		DATE	VERSION		
Winnower made of wooden	parts	D. RODRIGUEZ	A. MORILL	0	19/10/2021	1.0		
PART NAME		FILE NAME				POS		
3D views	Winnower made of w	A1						
	REDESI	GNED BY	DOC. TYPE	MATERIAL		QUANTITY		
	74	>	Assembly			1		
		υ	LICENCE		SCALE	SHEET		
		<u> </u>						
University Eindhoven		54 54 6	CC-BY-SA 4	4.0	1:20	1 /22		



					Note: all ι	ınits in mm.
PROJECT		CREATED BY	APPROVED BY		DATE	VERSION
Winnower made of wooden			A. MORILL	0	19/10/2021	1.0
PART NAME		FILE NAME				POS
Exploded 3D view		Winnower made of wooden parts.ipn				A2
DEVELOPED BY	EDESI	GNED BY	DOC. TYPE	MATERIAL		QUANTITY
		Assembly			1	
		a d	LICENCE		SCALE	SHEET
University Eindhoven		OHO	CC-BY-SA	4.0	1:25	2 /22

			PARTS LIST			
POS	QTY	PART NAME	FILE NAME	PART TYPE	SPECIFICATIONS	SHEET
A1	1	3D views	Winnower made of wooden parts.iam			1
A2	1	Exploded 3D view	Winnower made of wooden parts.ipn			2
B1		Parts list				3
B2		Parts list				4
C1		Technical notes				5
1.0	2	Side assembly	Side assembly.ipn			6
1.1	2	Side wall	Side assembly.ipn	Production	Thickness 18mm, plywood	7
1.2	2	Profile sheet	Profile sheet.ipt	Production	Thickness 10mm, plywood	8
1.3		Sliding lath		Production	Hardwood, 10*20mm	
1.4		Suppot strip		Production	Hardwood, 6*20mm	
1.5	2	Legs1	Legs1.ipt	Production	DIN 10305-3, thickness 2mm, steel A36	9
1.6	2	Legs2	Legs2.ipt	Production	DIN 10305-3, thickness 2mm, steel A36	10
1.7	2	Bearing beam	Bearing beam.ipt	Production	25*50mm, hardwood	11
1.8		Nut 1		Standard	DIN 439 - M10	
1.9		Washer 1		Standard	DIN 125 - a 10.5	
1.1		Wood screw 1_1		Standard	DIN 97 3.5*35mm	
1.11		Wood screw 1_2		Standard	DIN 97 4*50mm	
2.0	1	Fan assembly	Fan assembly.ipn			12
2.1	1	Fan shaft.ipt	Fan shaft.ipt	Production	Thickness 2mm, steel A36	13
2.2	8	Fan arm	Fan arm.ipt	Production	20*10mm, hardwood	14
2.3	4	Fan blade	Fan blade.ipt	Production	Thickness 4mm, hardboard	15
2.4		Wood screw 2		Standard	DIN 97 3.5*12mm	
2.5		Hex bolt		Standard	ISO 4014 - m5 X 45	
2.6		Nut 2		Standard	DIN 439 - m5	
3.0	1	Housing assembly	Housing assembly.ipn			16
3.1	1	Fan housing	Fan housing.ipt	Production	Thickness 4mm, bended, hardboard	17
3.2		Fan housing2		Production	Thickness 6mm, plywood	
3.3		Funnel roof		Production	Thickness 6mm, plywood	
3.4		Funnel bottom		Production	Thickness 6mm, plywood	
3.5		Suppor lath		Production	20*10mm, HARDWOOD	
4.0	1	Drive assembly	Drive assembly.ipn			18
			DDOIECT	CDEATE	D RV ADDDOVED RV IDATE	VEDSTON

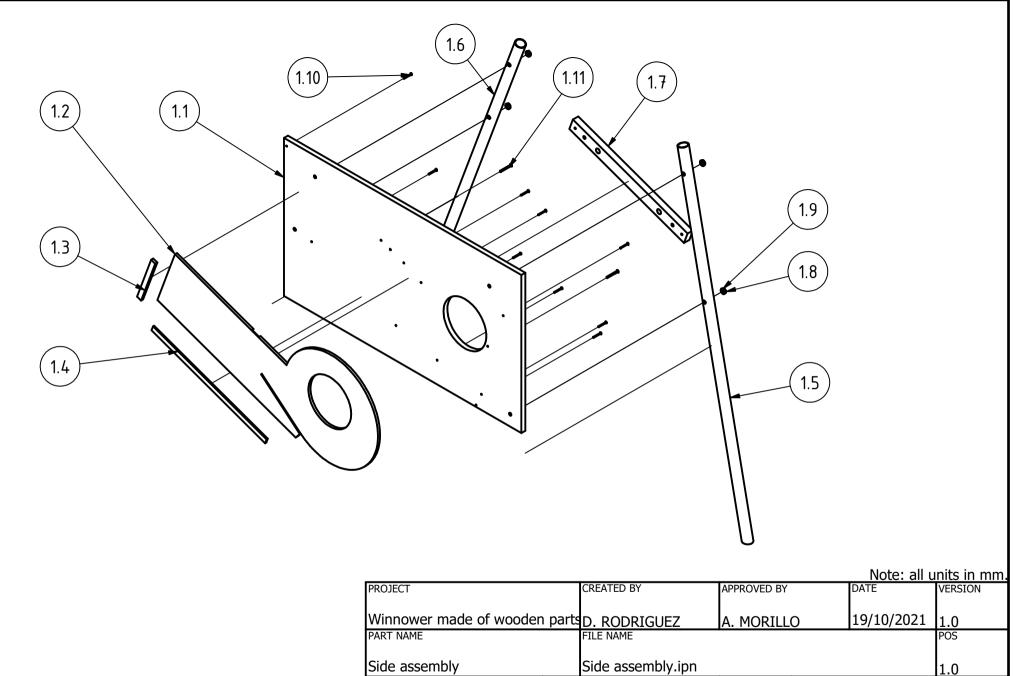
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PROJECT	CREATED BY	APPROVED BY	DATE	VERSION
Winnower made of wooden pa	rtsD. RODRIGUEZ	A. MORILLO	19/10/2021	1.0
PART NAME	FILE NAME	-		POS
Parts list				B1
DEVELOPED BY RED	ESIGNED BY	DOC. TYPE MATERIAL		QUANTITY
7.4		> Parts list		
		ULICENCE	SCALE	SHEET
		위		
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		> Parts list	SCALE	QUANTITY

		,	PARTS LIST	<u></u> Г		
POS	QTY	PART NAME	FILE NAME	PART TYPE	SPECIFICATIONS	SHEET
4.1		Grooved Pulley2		Buy	SPZ 160, aluminium	
4.2		Grooved Pulley1		Buy	SPZ 50, aluminium	
4.3		V-Belt		Buy	Optibelt 10*6mm, 894mm	
4.4	1	Swingle bar	Swingle bar.ipt	Production	Diameter 10mm, steel a36	19
5.0	1	Tray1	Tray2.ipt	Production	620*300mm, thickness 6mm, plywood	
6.0	1	Tray2	Tray2.ipt	Production	Thickness 6mm, plywood	20
7.0	1	Funnel roof movable	Funnel roof movable.ipt	Production	Thickness 6mm, plywood	21
8.0	1	Sliding lid	Sliding lid.ipt	Production	Thickness 6mm, plywood	22
9.0	4	Trreaded rod	Threaded rod.ipt	Production	Diameter 10mm, Lenght 400mm, Steel A36	

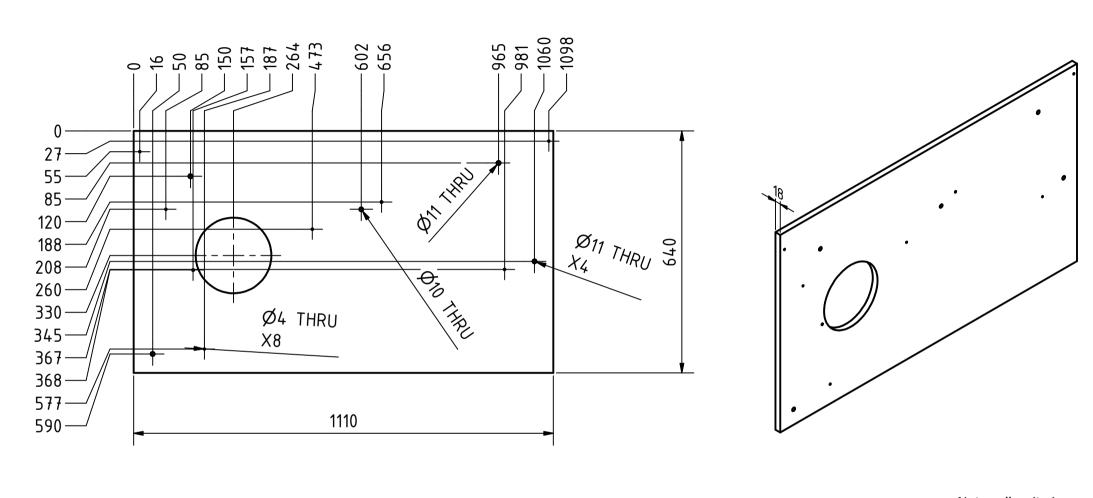
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PROJECT		CREATED BY		APPROVED BY		DATE	VERSION
Winnower made of wooden	parts	D. RODRIGUEZ		A. MORILL	0	19/10/2021	1.0
PART NAME		FILE NAME					POS
Parts list							B2
DEVELOPED BY	REDESI	GNED BY		DOC. TYPE	MATERIAL		QUANTITY
	74		<i>:</i>	Parts list			
				LICENCE	•	SCALE	SHEET
	1		2				
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<u>'</u>			_	00 21 0/(			,

	TECHNICL NOTES								
NOTES	CONTENT								
GENERAL NOTES									
	Iron structures should be painted to prevent rust and improve equipment life.								
	- Remove loose rust with a wire brush, sandpaper or chemical rust remover.								
Metal structure treatment	- If applicable, sand areas where paint is chipping until surface is smooth.								
	- Remove dust or oil with a degreaser or denatured alcohol.								
	- Prime surface to protect against rust and corrosion								
Mand two streets	- The wood must be treated with pesticides and kiln-dried to ensure adequate humidity.								
Wood treatment	- Wood sealer should be applied for later use.								

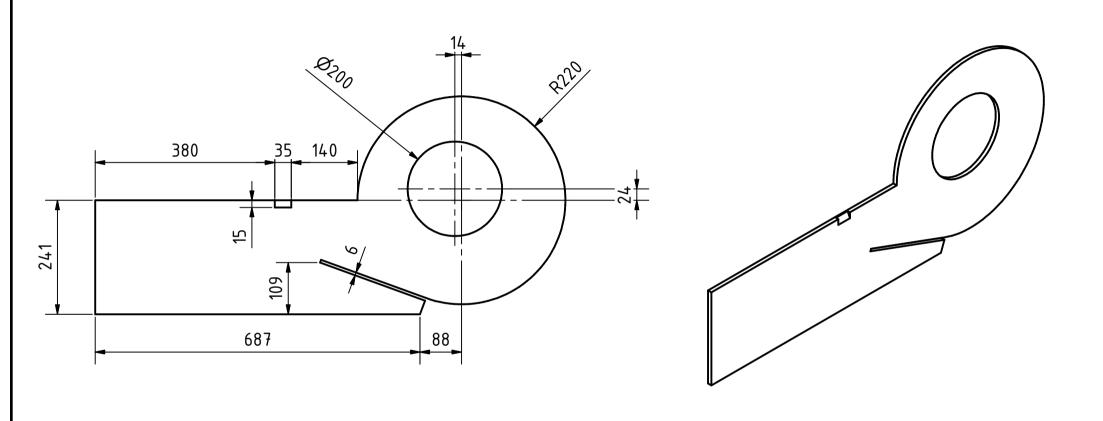
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PROJECT		CREATED BY		APPROVED BY		DATE	VERSION	
Winnower made of wooden	parts	D. RODRIGUEZ		A. MORILL	0	19/10/2021	1.0	
PART NAME		FILE NAME					POS	
Technical notes							C1	
			_		====::			
DEVELOPED BY	REDESI	GNED BY		DOC. TYPE	MATERIAL		QUANTITY	
	74		<u>.</u>					
			?	LICENCE		COALE	CUEET	
			e	LICENCE		SCALE	SHEET	
			읻					
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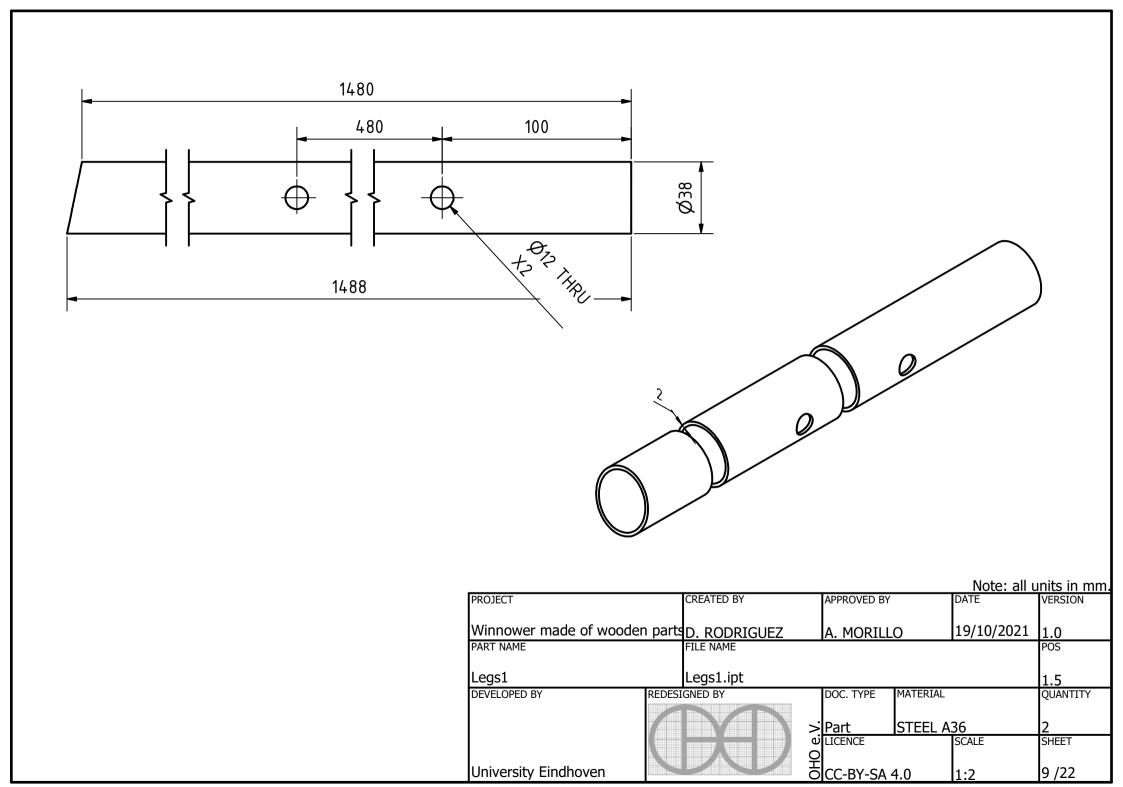
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PROJECT		CREATED BY		APPROVED BY		DATE	VERSION		
			1						
Winnower made of wooden	parts	D. RODRIGUEZ		A. MORILL	0	19/10/2021	1.0		
PART NAME		FILE NAME					POS		
Side assembly		Side assembly.ipn				1.0			
DEVELOPED BY	REDESI	GNED BY	T	DOC. TYPE	MATERIAL		QUANTITY		
			١						
	74		ز	Assembly			2		
			انا	LICENCE		SCALE	SHEET		
			2						
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						Note: all ι	<u>ınits in mm.</u>
PROJECT		CREATED BY		APPROVED BY		DATE	VERSION
Winnower made of wooder				A. MORILL	.0	19/10/2021	1.0
PART NAME		FILE NAME					POS
Side wall		Side assembly.ipn					1.1
DEVELOPED BY	REDESI	GNED BY		DOC. TYPE	MATERIAL		QUANTITY
			>	Part	PLYWOC	)D	2
			e.	LICENCE		SCALE	SHEET
University Findheyen			윈	66 B)/ 64	4.0		7 /22
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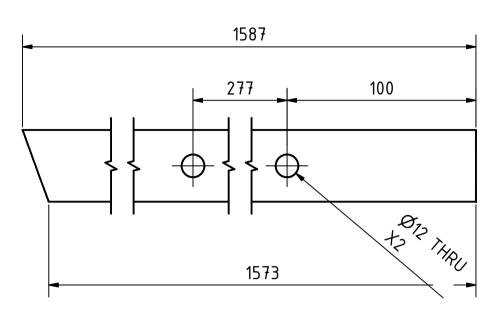
						Note: all ι	ınits in mm.
PROJECT		CREATED BY		APPROVED BY		DATE	VERSION
Winnower made of wooden	parts	D. RODRIGUEZ		A. MORILL	0	19/10/2021	1.0
PART NAME		FILE NAME					POS
Profile sheet		Profile sheet.ipt					1.2
DEVELOPED BY	REDESI	GNED BY		DOC. TYPE	MATERIAL		QUANTITY
				Part	PLYWOO		2
			e	LICENCE		SCALE	SHEET
University Eindhoven			OHC	CC-BY-SA	4.0	1:8	8 /22

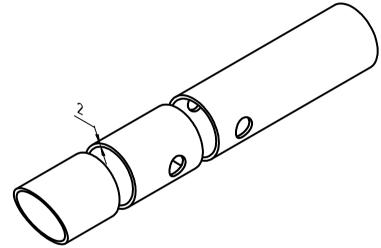


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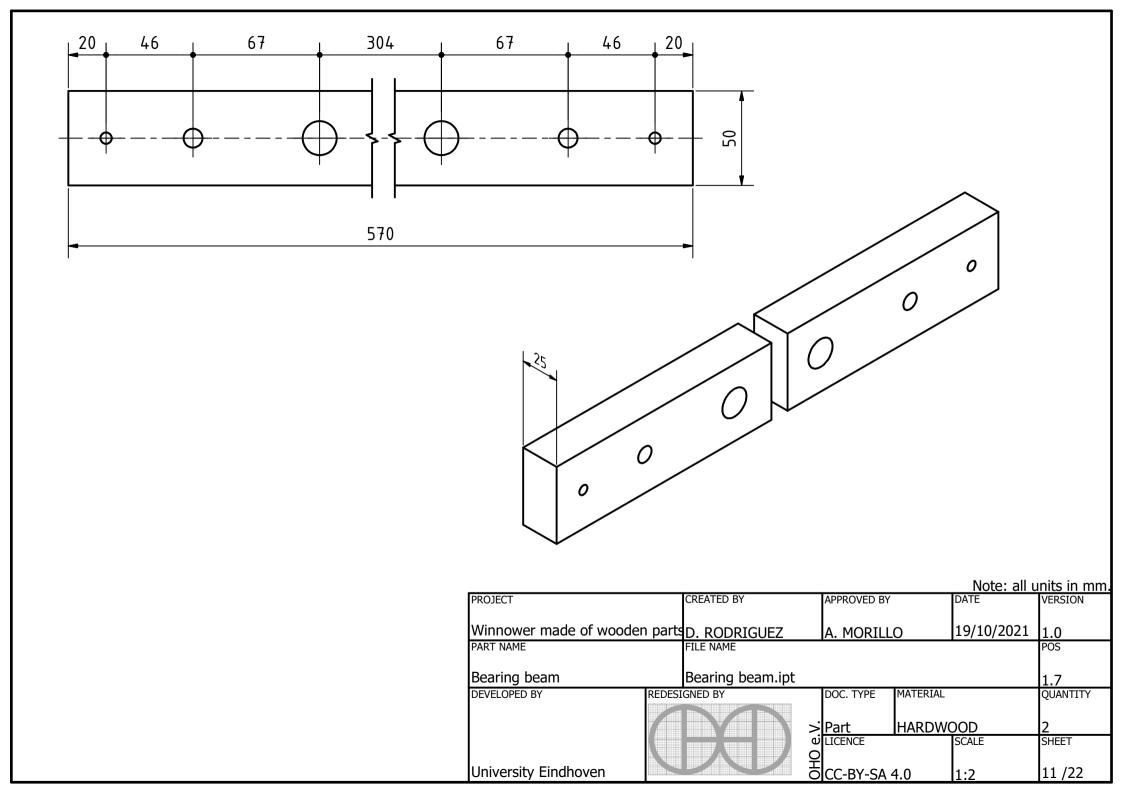
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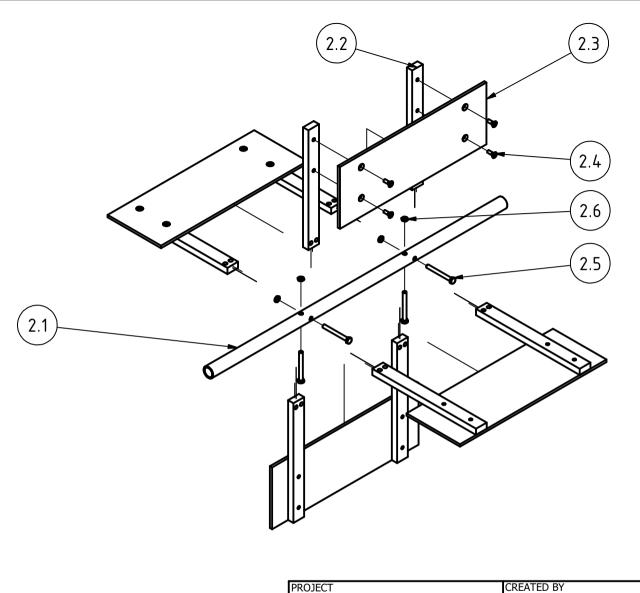
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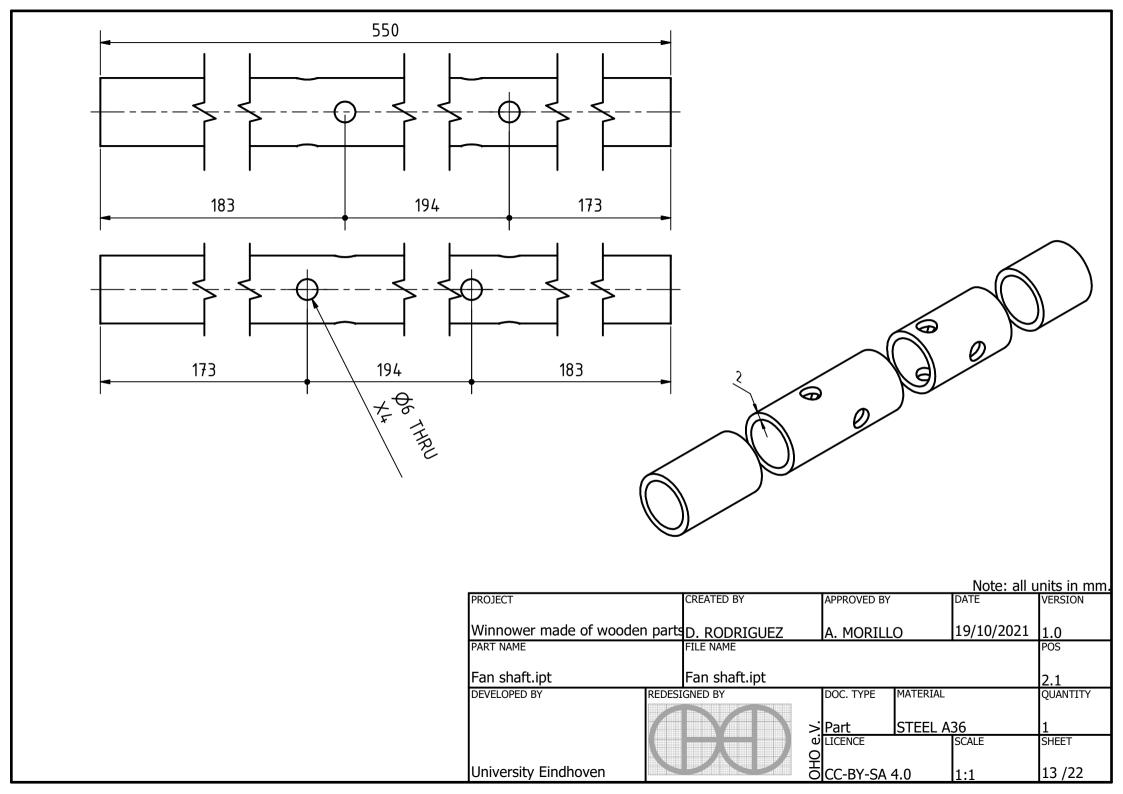


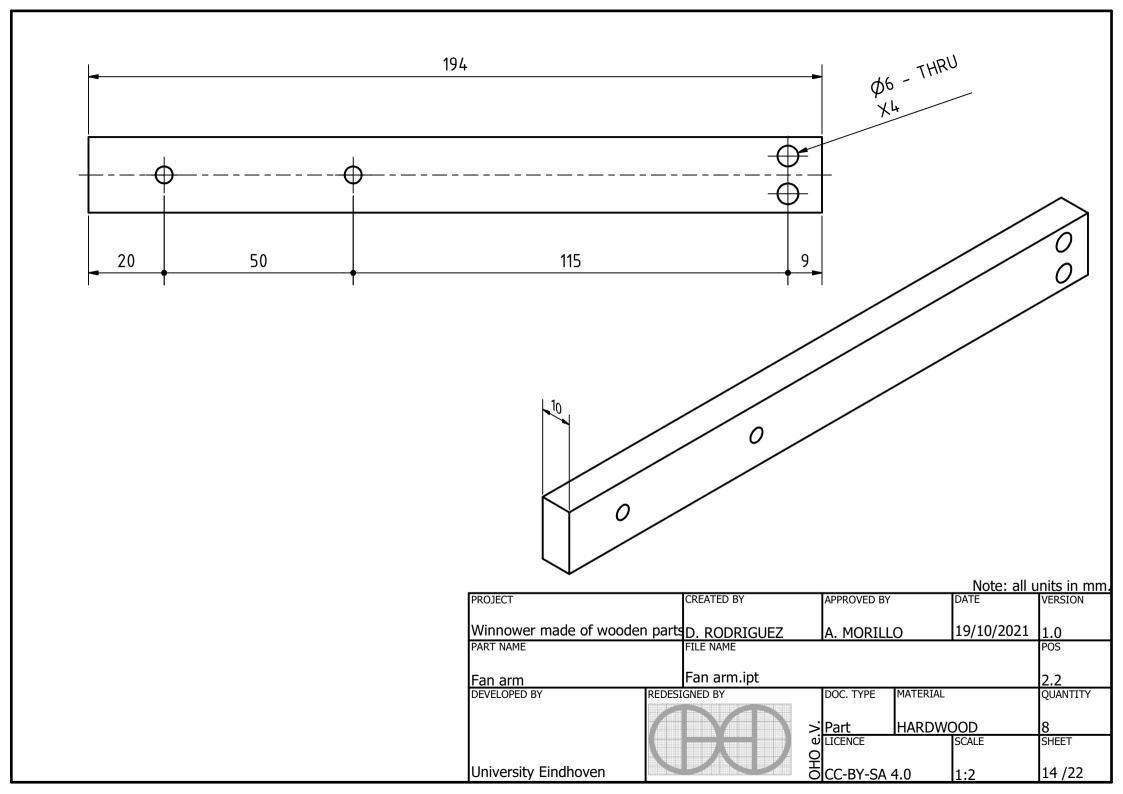
						Note: all u	ınits in mm.
PROJECT		CREATED BY	7	APPROVED BY		DATE	VERSION
Winnower made of wooden	parts	D. RODRIGUEZ		A. MORILL	0	19/10/2021	1.0
PART NAME		FILE NAME					POS
Legs2		Legs2.ipt					1.6
DEVELOPED BY	REDESI	IGNED BY		DOC. TYPE	MATERIAL		QUANTITY
	4				STEEL A	36	2
1			الا	LICENCE		SCALE	SHEET
University Eindhoven			<u> </u>	CC-BY-SA 4	4.0	1:2	10 /22

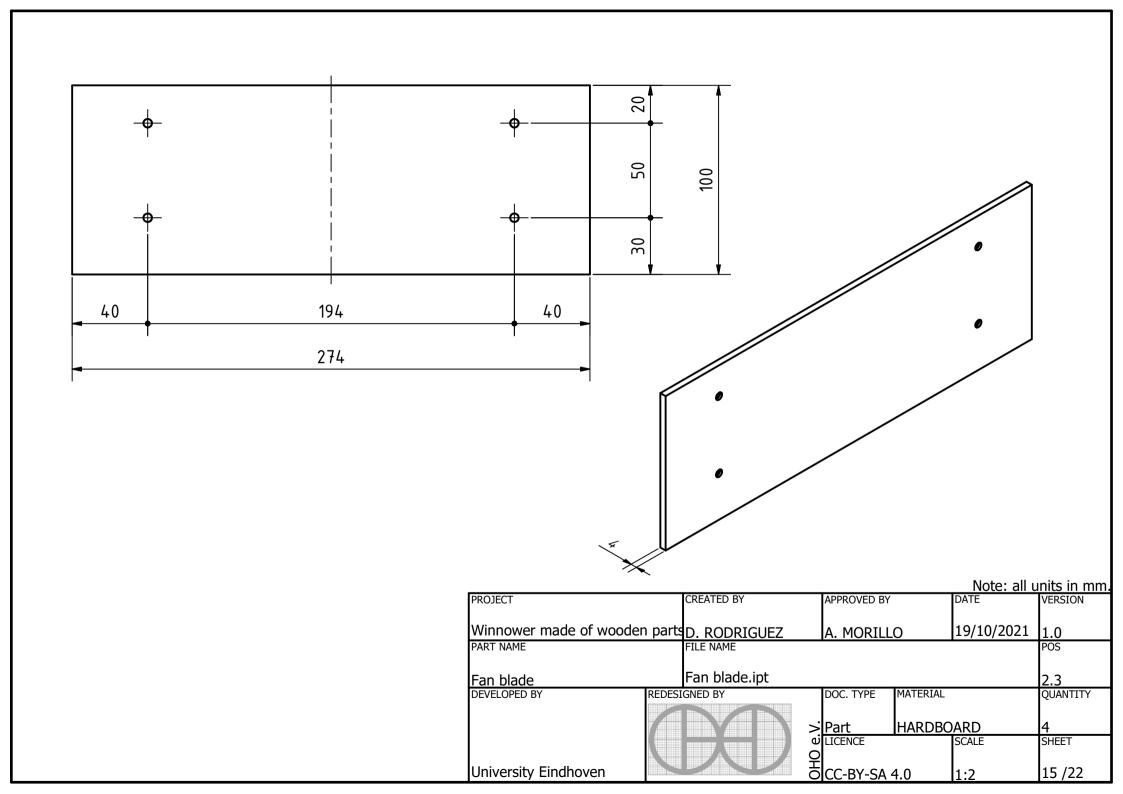


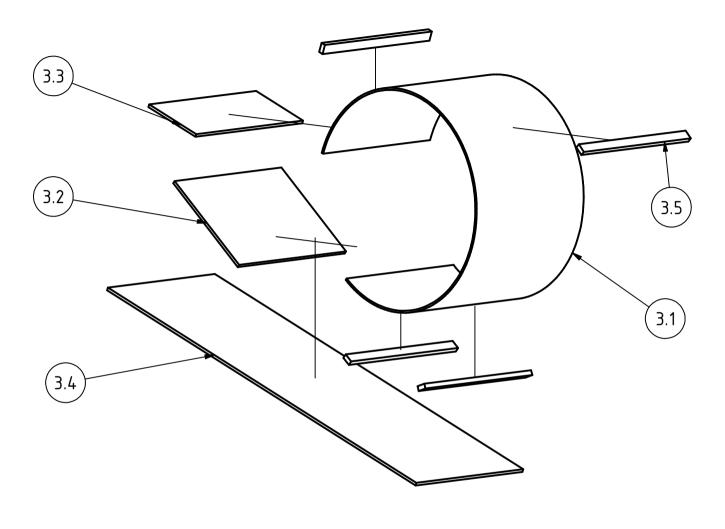


Note: all units in mm.							
PROJECT	CREATED BY	APPROVED BY	DATE	VERSION			
Winnower made of wooden		A. MORILLO	19/10/2021	1.0			
PART NAME	FILE NAME			POS			
Fan assembly	Fan assembly.ipn			2.0			
DEVELOPED BY	REDESIGNED BY	DOC. TYPE MATERIA	-	QUANTITY			
		> Assembly		1			
		υ LICENCE	SCALE	SHEET			
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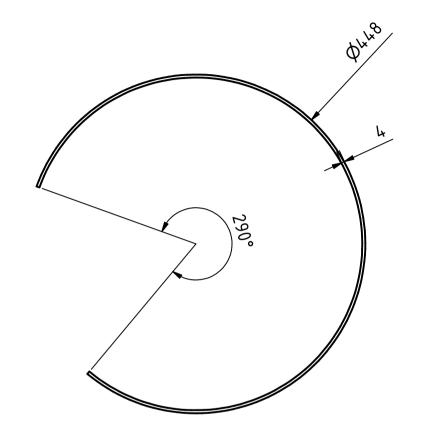


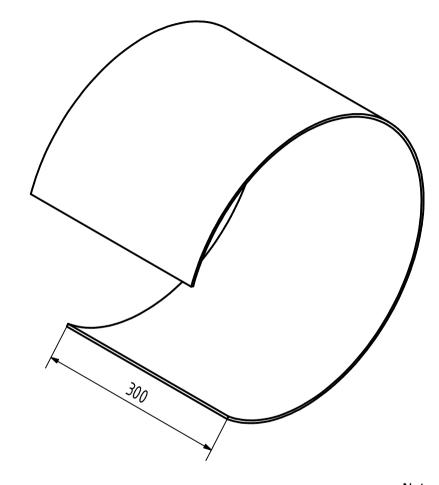




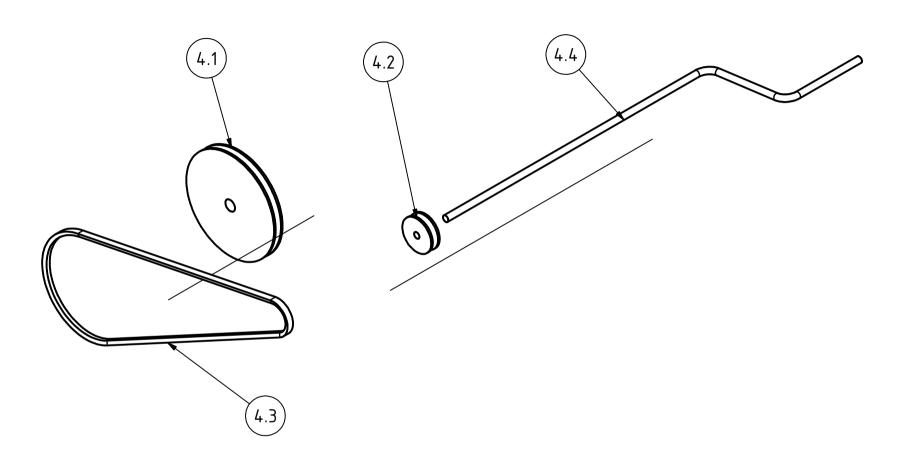


			Note: all u	ınits in mm.
PROJECT	CREATED BY	APPROVED BY	DATE	VERSION
Winnower made of wooden par		A. MORILLO	19/10/2021	1.0
PART NAME FILE NAME				POS
Housing assembly	Housing assembly.ipn			3.0
DEVELOPED BY REDE	SIGNED BY	DOC. TYPE MATERIAL		QUANTITY
	> Assembly			
	o o	LICENCE	SCALE	SHEET
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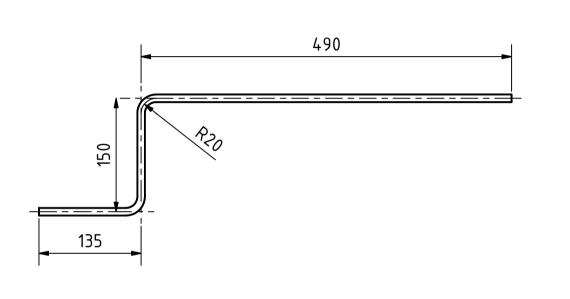


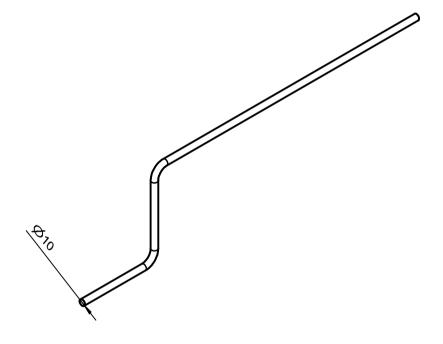


Note: all units in m							
PROJECT		CREATED BY		APPROVED BY		DATE	VERSION
NAC					_	10/10/2021	
winnower made of wooder	Winnower made of wooden parts			A. MORILLO		19/10/2021	1.0
PART NAME	PART NAME						POS
Fan housing		Fan housing.ipt					3.1
DEVELOPED BY	REDESI	GNED BY		DOC. TYPE	MATERIAL		QUANTITY
		٧.	Part	  HARDBO	ARD.	1	
				LICENCE	-	SCALE	SHEET
			$\sim$				
University Eindhoven			Р	CC-BY-SA	4.0	1:5	17 /22



Note: all units in mm.							
PROJECT		CREATED BY	APPROVED BY		DATE	VERSION	
Winnower made of wooden			A. MORILL	.0	19/10/2021	1.0	
PART NAME		FILE NAME				POS	
Drive assembly		Drive assembly.ipn				4.0	
DEVELOPED BY	REDESI	GNED BY	DOC. TYPE	MATERIAL		QUANTITY	
> Assembly					1		
			LICENCE		SCALE	SHEET	
University Eindhoven		OHO OHO	CC-BY-SA	4.0	1:5	18 /22	





Note: all units in mm.							
PROJECT	CREATED BY	APPROVED BY		DATE	VERSION		
Winnower made of wooden p		A. MORILL	A. MORILLO		1.0		
PART NAME	FILE NAME				POS		
Swingle bar	Swingle bar.ipt				4.4		
DEVELOPED BY	EDESIGNED BY	DOC. TYPE	DOC. TYPE MATERIAL		QUANTITY		
		> Part	STEEL A	36	1		
		ULICENCE		SCALE	SHEET		
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