

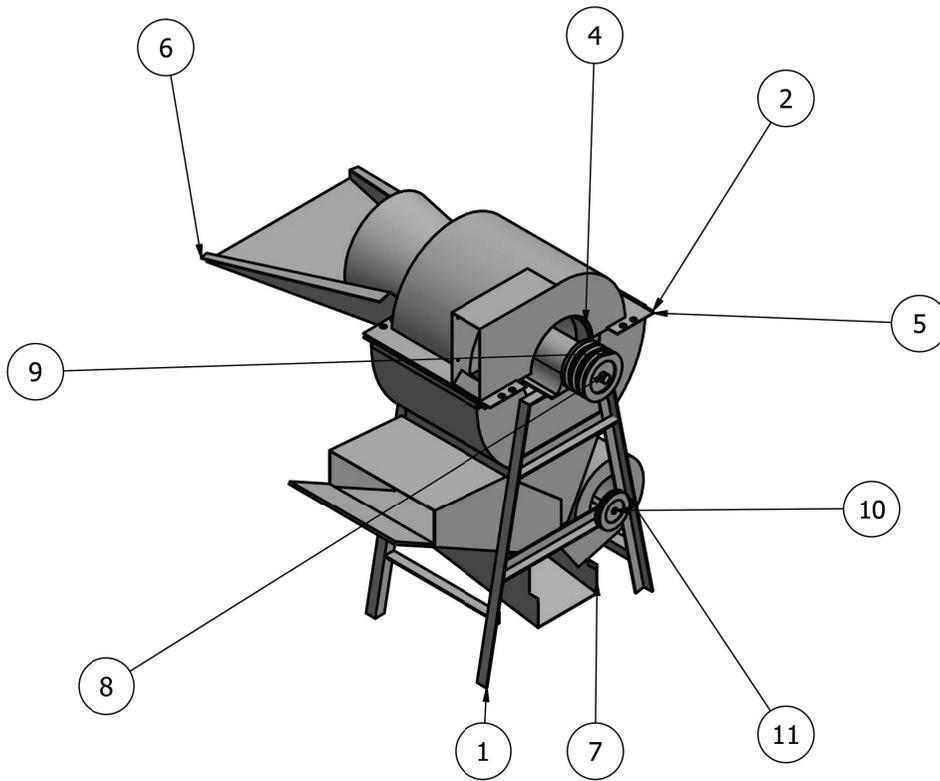


FABRICATION DRAWINGS OF A TWO-WHEEL TRACTOR OPERATED WHEAT THRESHER

AUGUST 2019

ACKNOWLEDGEMENT

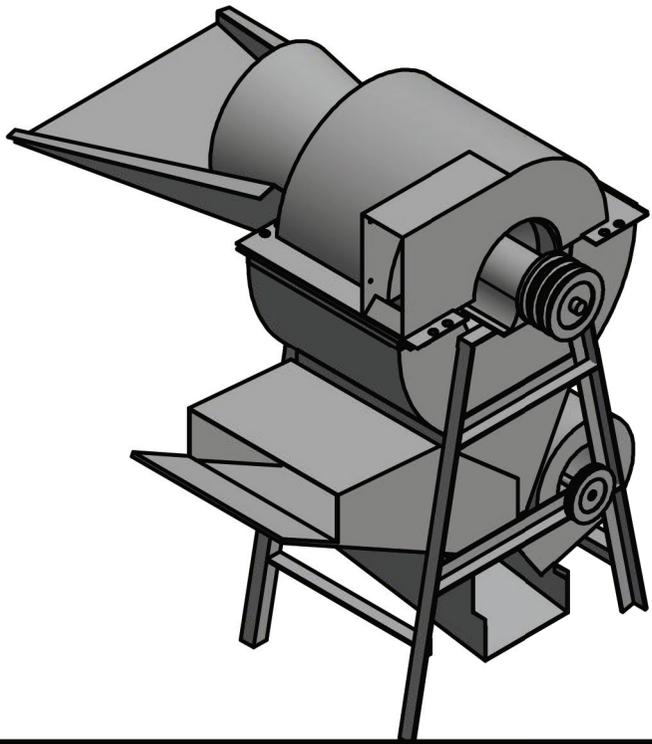
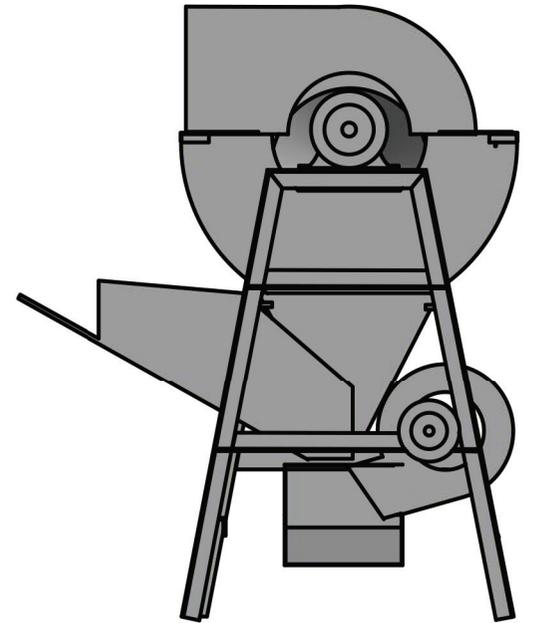
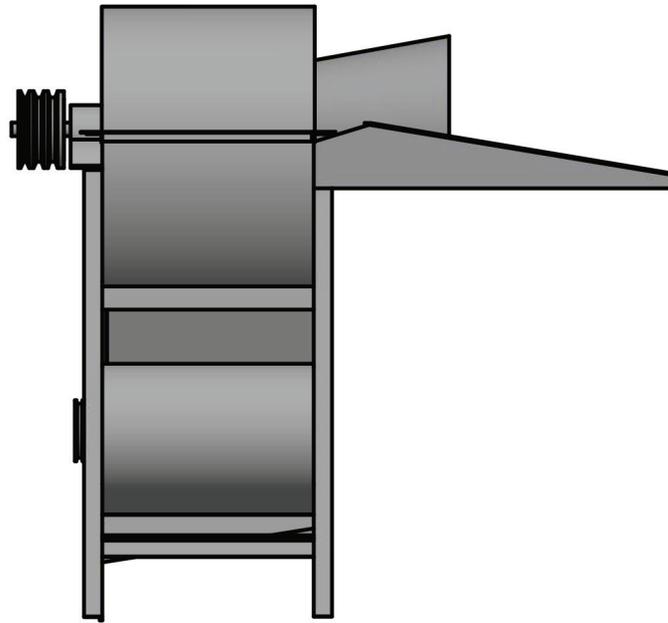
This manual was produced by the **Ethiopian Institute of Agricultural Research (EIAR)** and **The International Maize And Wheat Improvement Center (Cimmyt)** through the generous support of the **Australian Centre for International Agricultural Research (ACIAR)** and the **German Society for International Cooperation (GIZ)**. Any opinions, findings, conclusion, or recommendations expressed in this publication are those of the authors and do not necessarily reflect the view of ACIAR and GIZ.



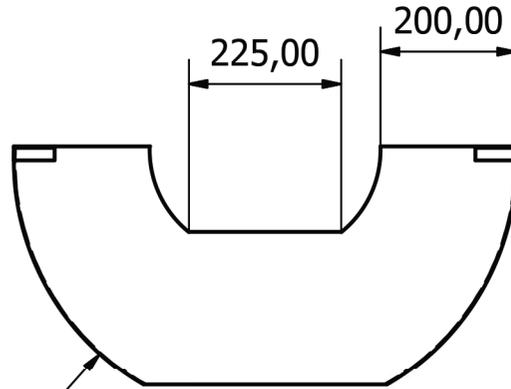
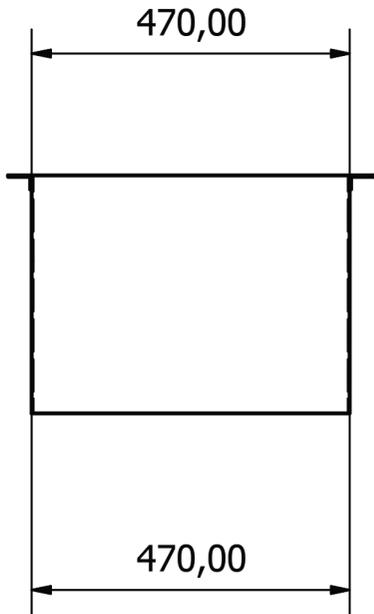
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1	1	bottom cover	mild steel
2	1	frame	mild steel
3	1	seive	mild steel
4	1	drum	mild steel
5	1	upper cover	mild steel
6	1	inlet	mild steel
7	1	support	mild steel
8	1	bearing housing	mild steel
9	1	pulley 1	mild steel
10	1	shaft	mild steel
11	1	pulley 2	mild steel

Drawn by Eyob H.	Checked by Bisrat G.	Approved by AERD	Date Dec,2018
AGRICULTURAL ENGINEERING RESEARCH DIRECTORATE		Assembly	
		01	Edition Sheet 1/14

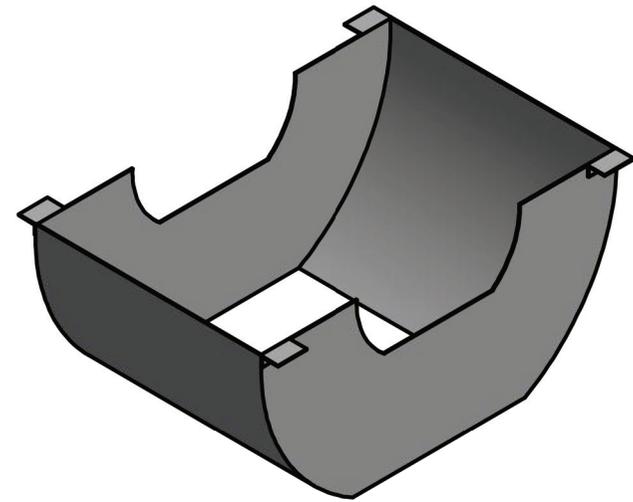




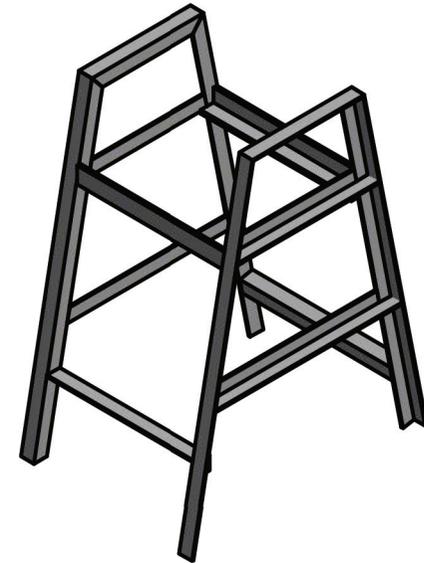
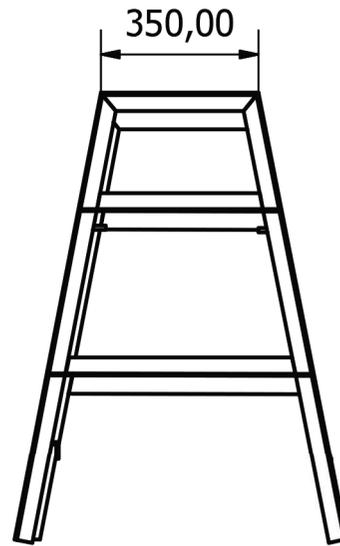
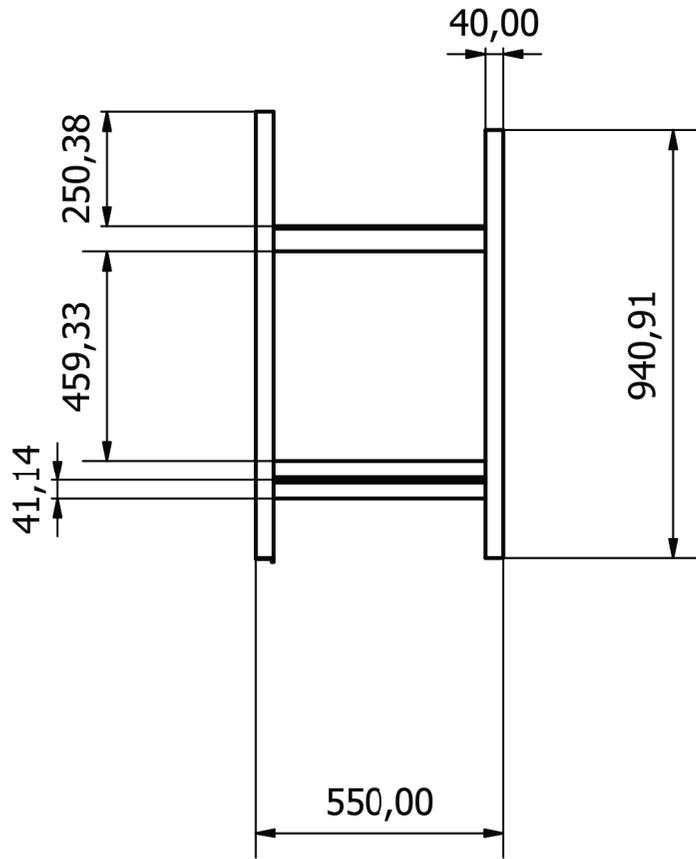
Drawn by Eyob H.	Checked by Bisrat G.	Approved by AERD	Date Dec,2018
AGRICULTURAL ENGINEERING RESEARCH DIRECTORATE		Assembly	
		02	Edition Sheet 2/14



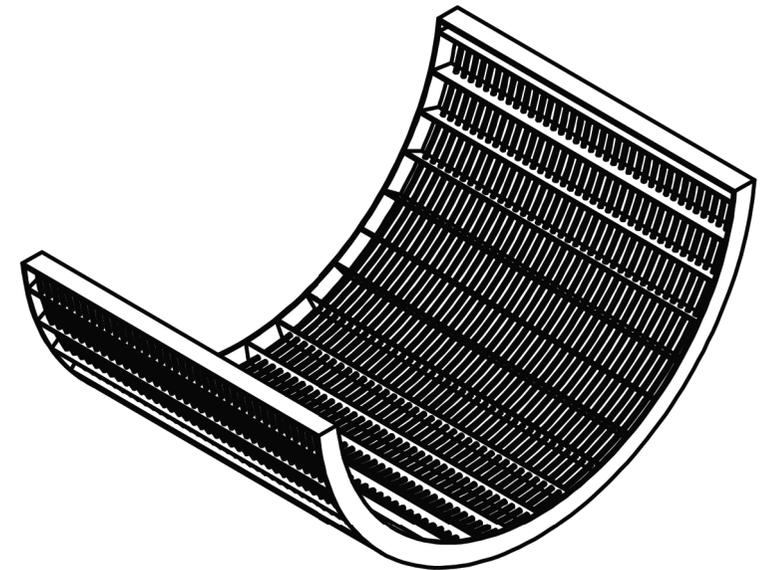
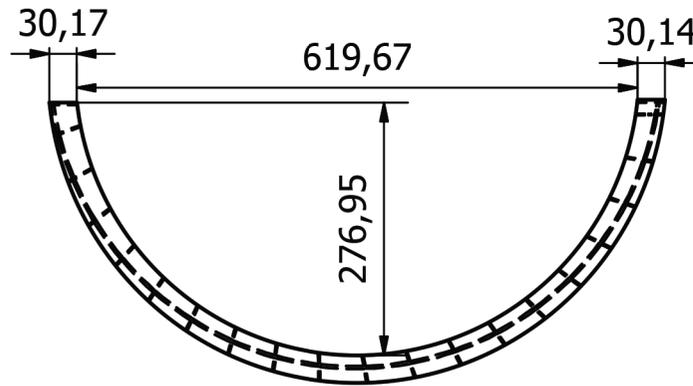
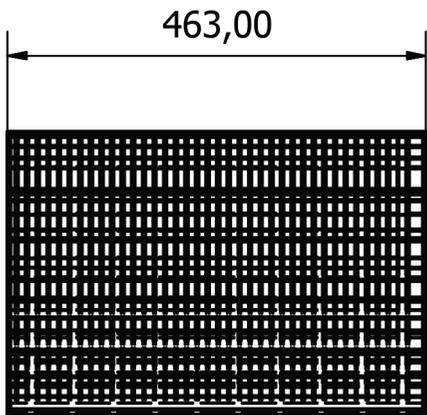
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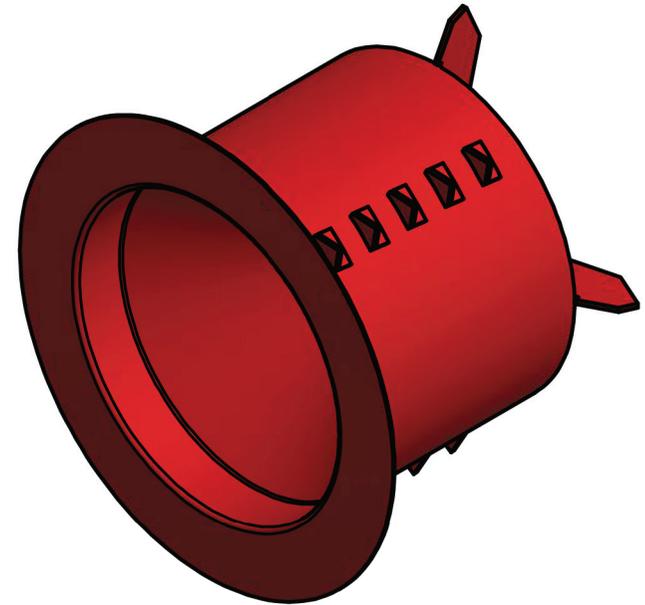
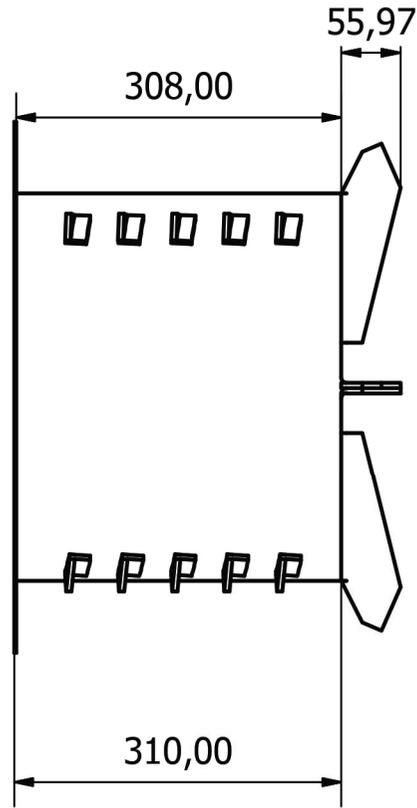
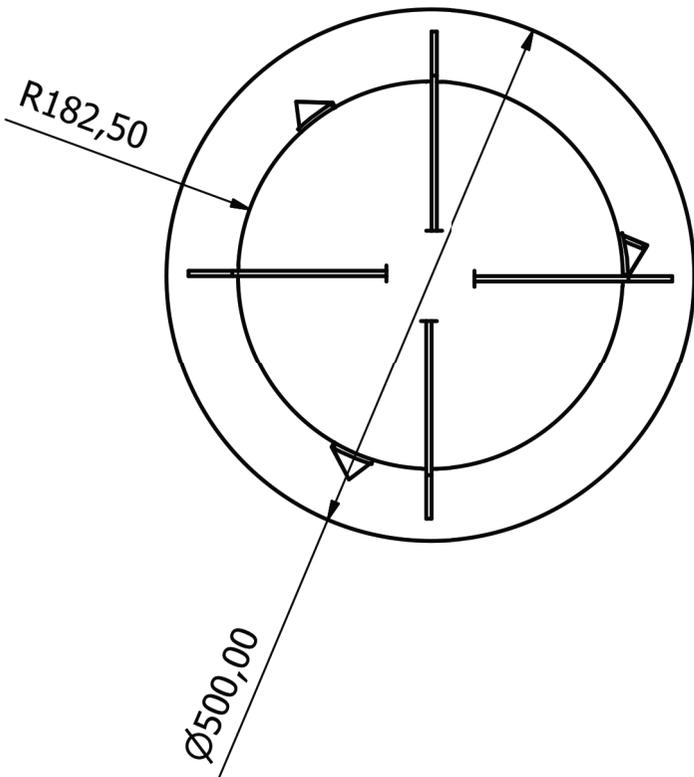
Drawn by Eyob H.	Checked by Bisrat G.	Approved by AERD	Date Dec,2018
AGRICULTURAL ENGINEERING RESEARCH DIRECTORATE		Bottom drum cover	
		03	Edition Sheet 3/14



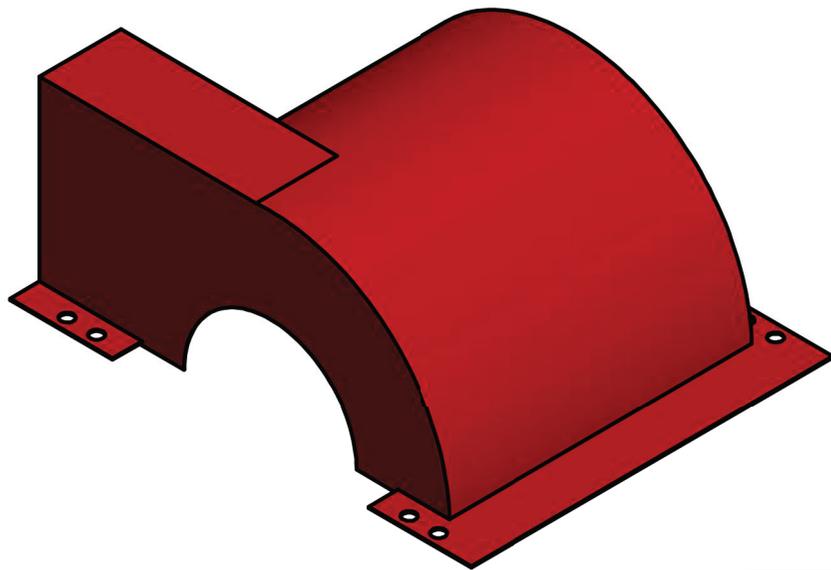
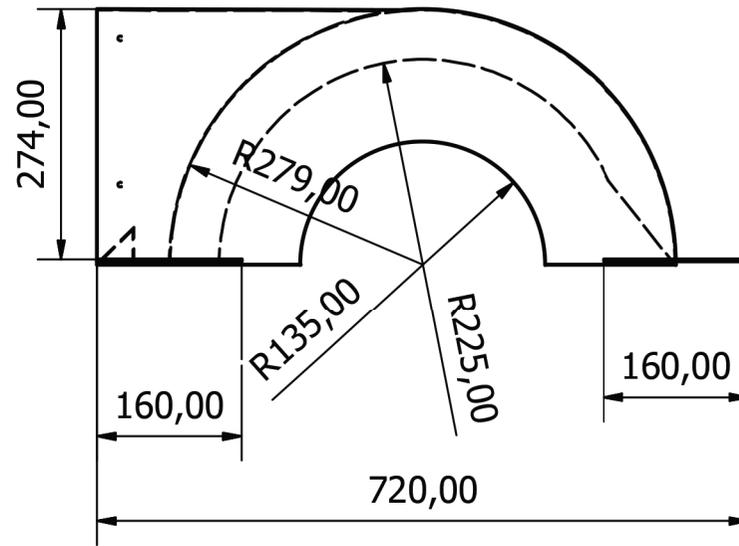
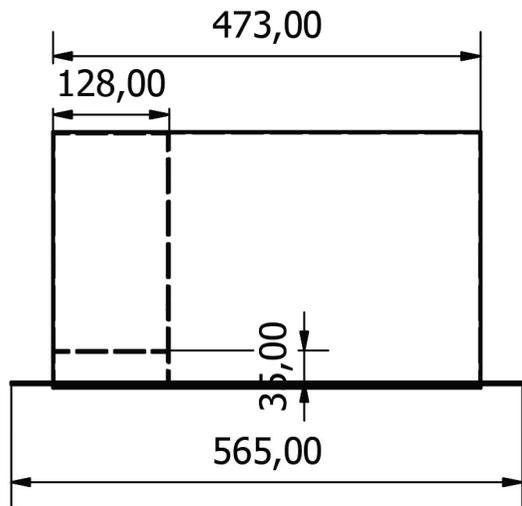
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AGRICULTURAL ENGINEERING RESEARCH DIRECTORATE		Frame	
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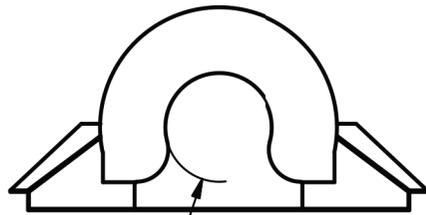
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MELKASSA AGRICULTURAL ENGINEERING RESEARCH DIRECTORATE		Sieve	
		05	Edition Sheet 5/14



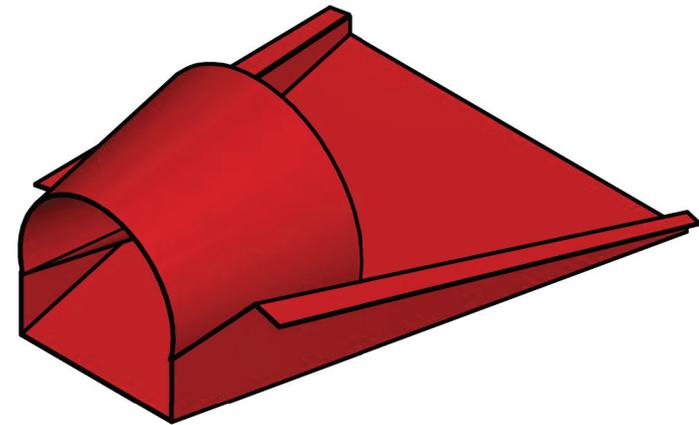
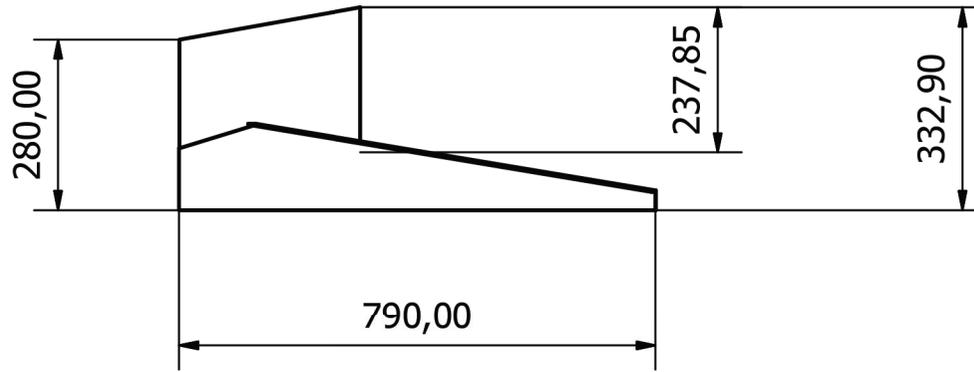
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AGRICULTURAL ENGINEERING RESEARCH DIRECTORATE		Drum		
		06	Edition	Sheet 6/14



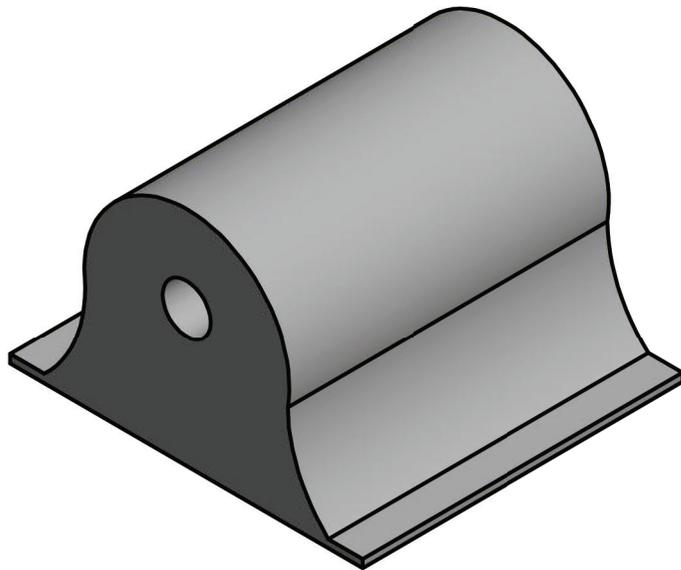
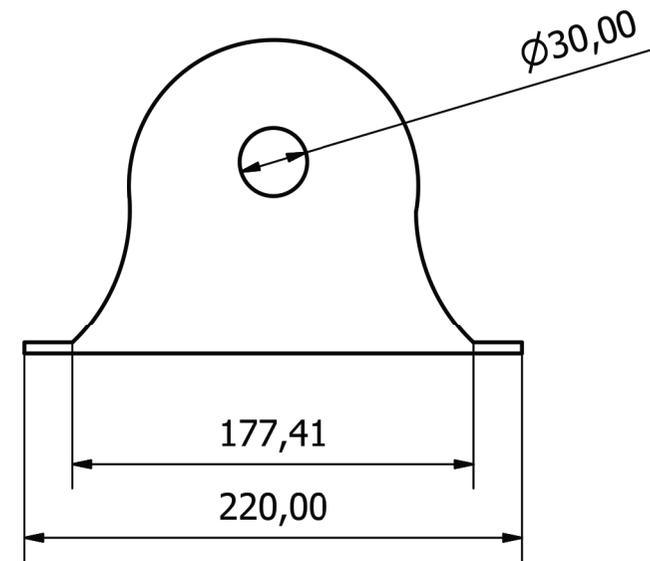
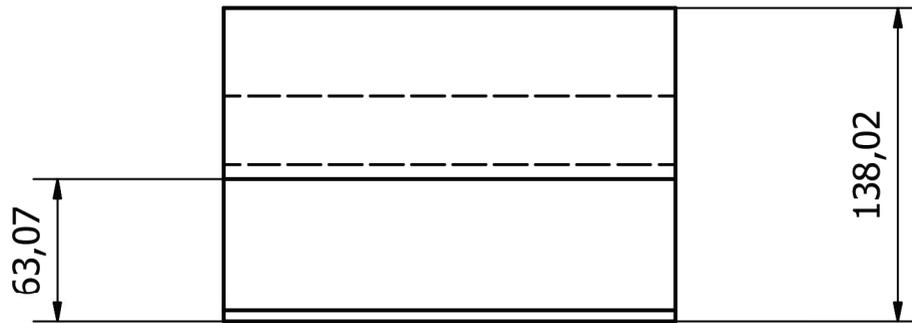
Drawn by Eyob H.	Checked by Bisrat G.	Approved by AERD	Date Dec,2018	
MELKASSA AGRICULTURAL ENGINEERING RESEARCH DIRECTORATE		Upper Cover		
		07	Edition	Sheet 7/14



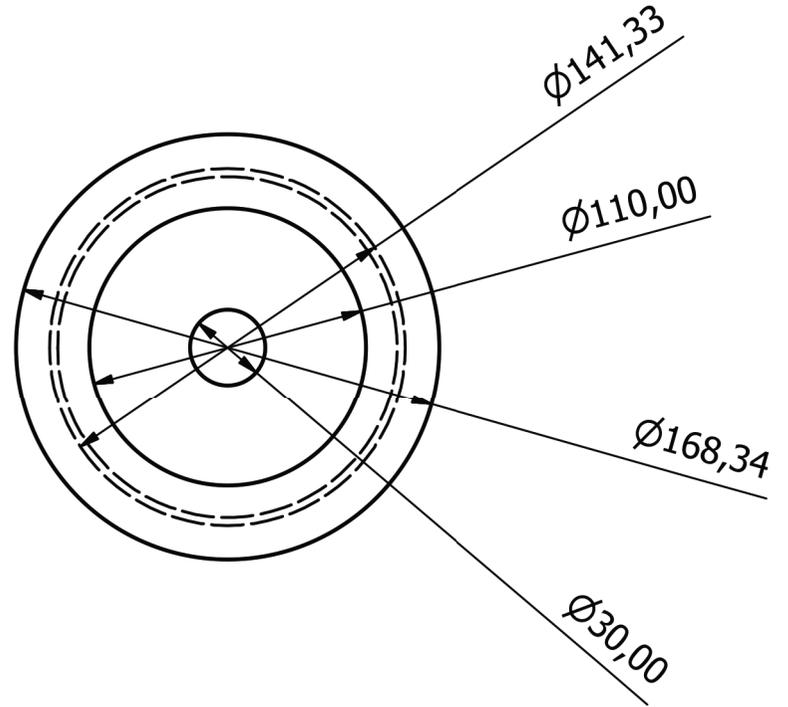
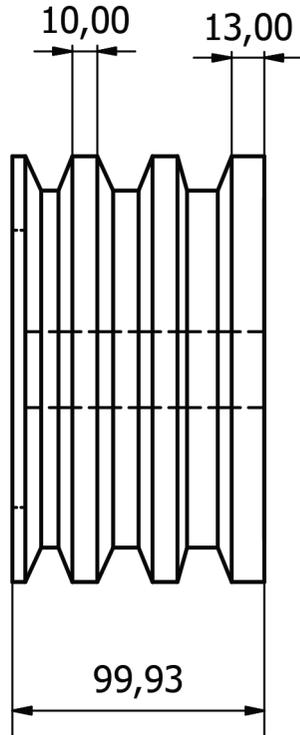
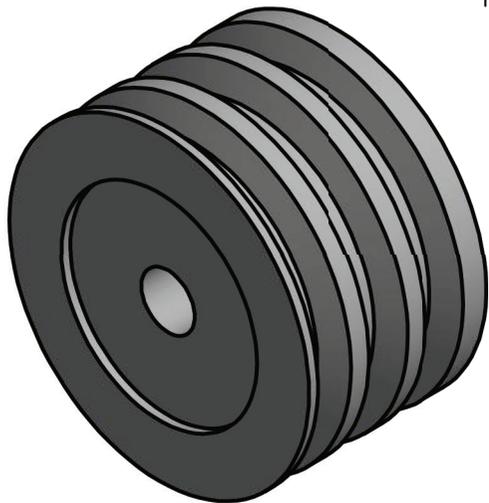
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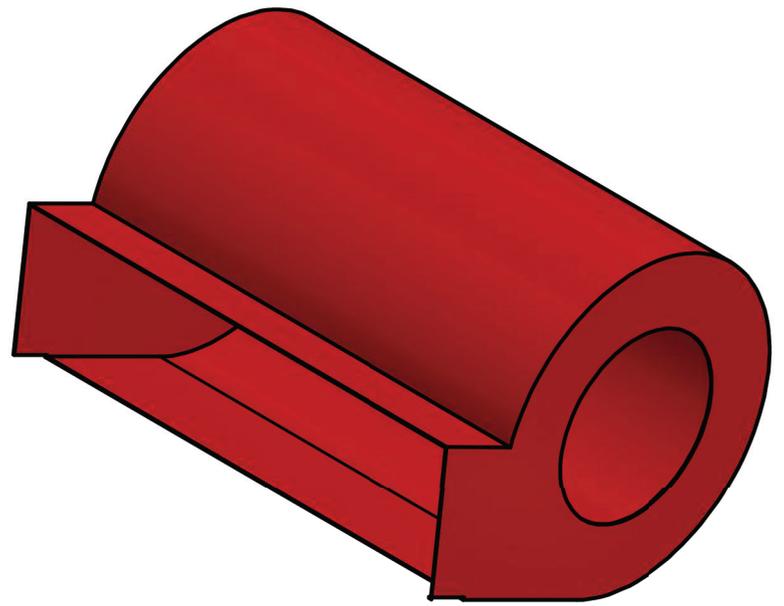
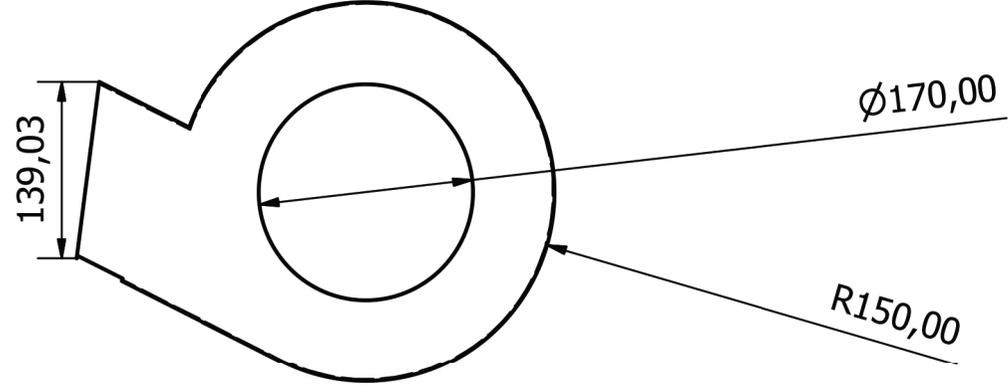
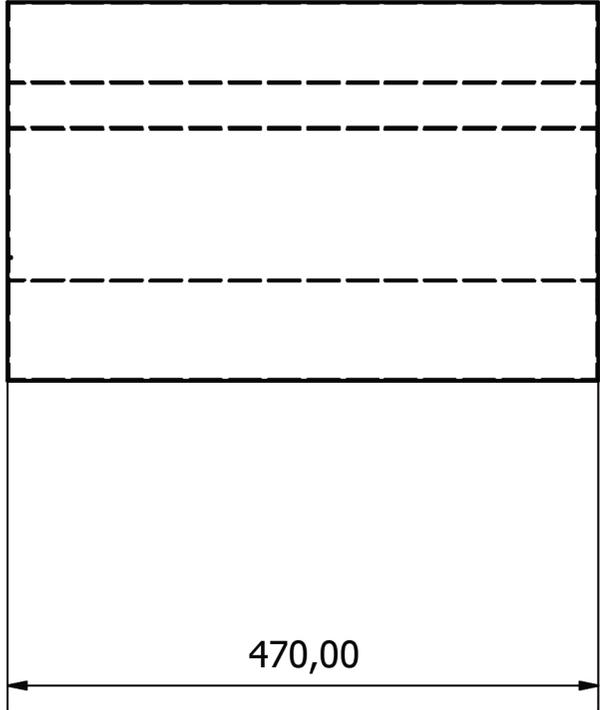
Drawn by Eyob H.	Checked by Bisrat G.	Approved by AERD	Date Dec,2018	
AGRICULTURAL ENGINEERING RESEARCH DIRECTORATE		inlet		
		08	Edition	Sheet 8/14



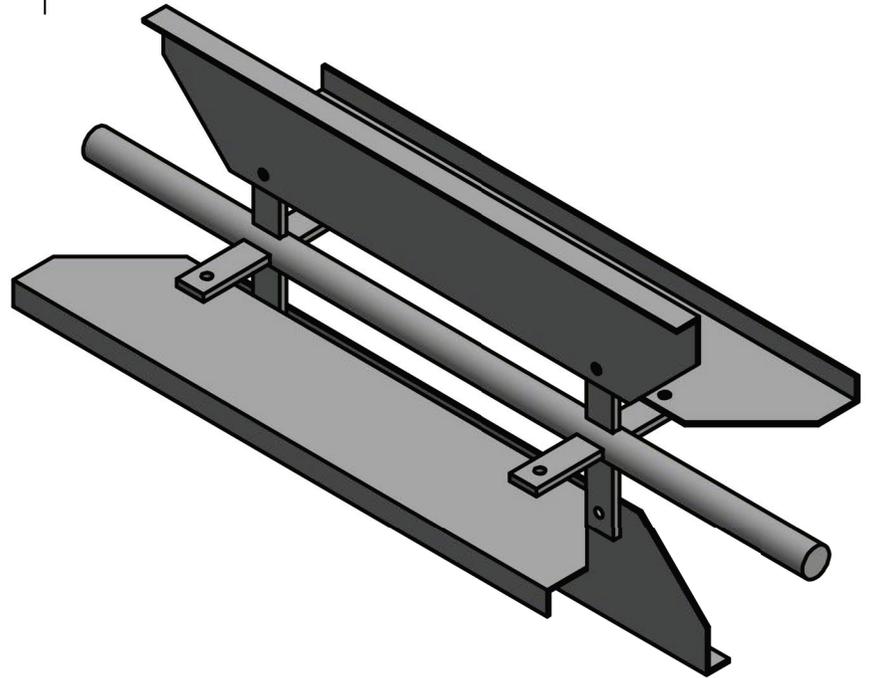
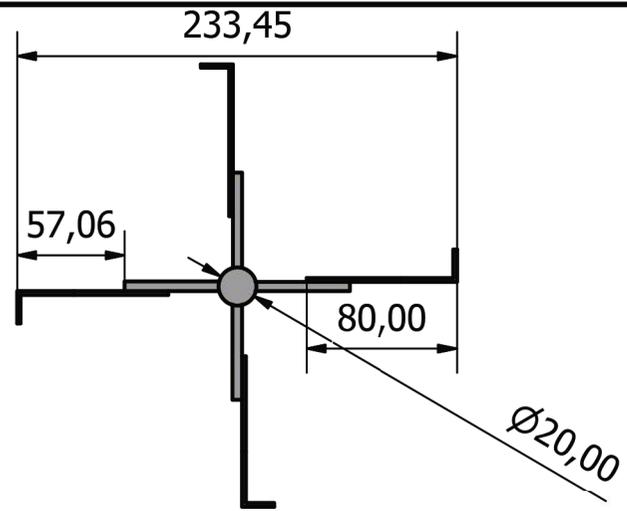
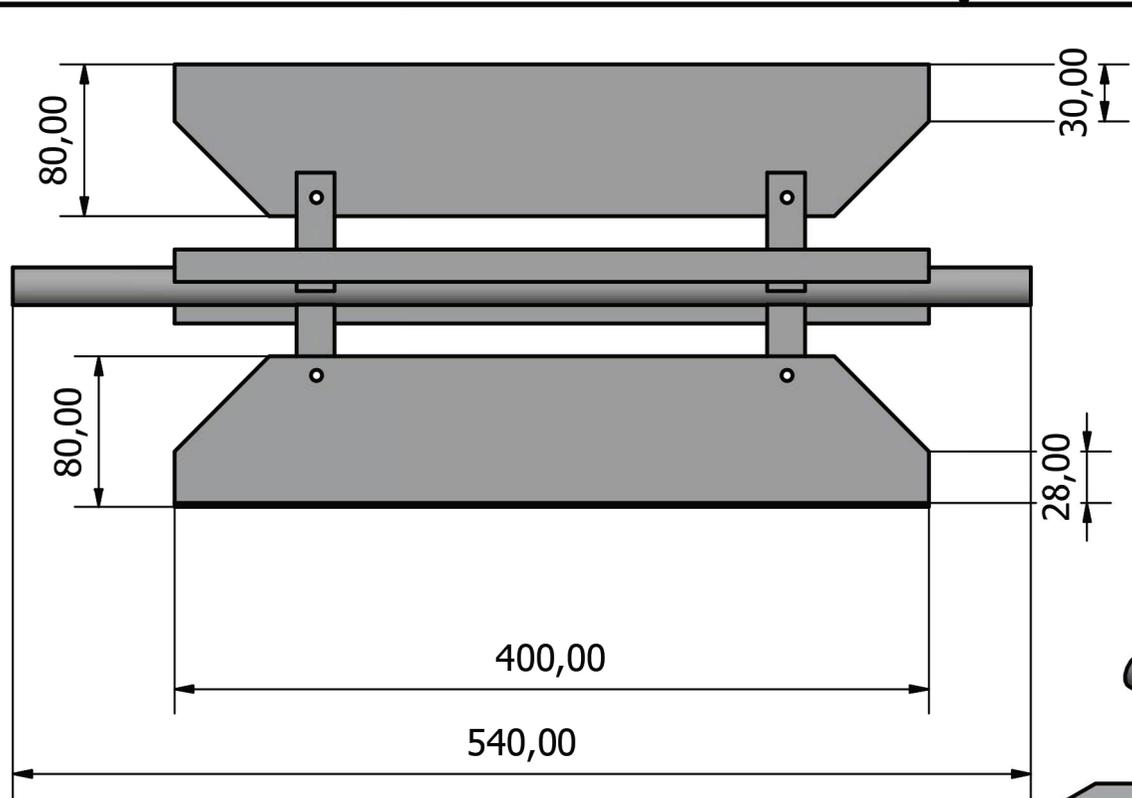
Drawn by Eyob H.	Checked by Bisrat G.	Approved by AERD	Date Dec,2018	
AGRICULTURAL ENGINEERING RESEARCH DIRECTORATE		Bearing Housing		
		09	Edition	Sheet 9/14



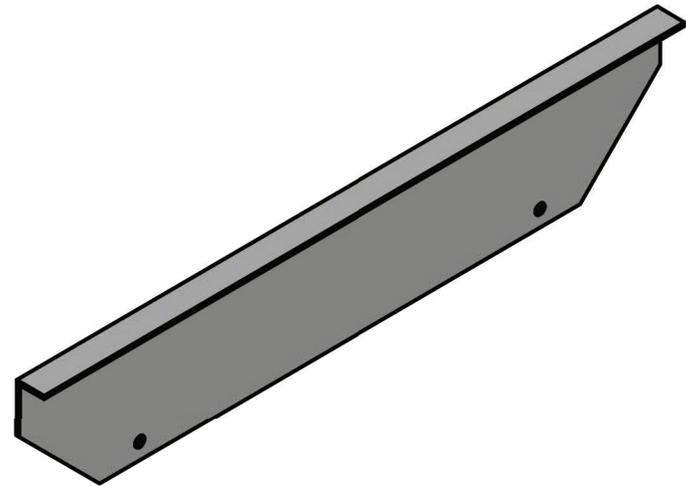
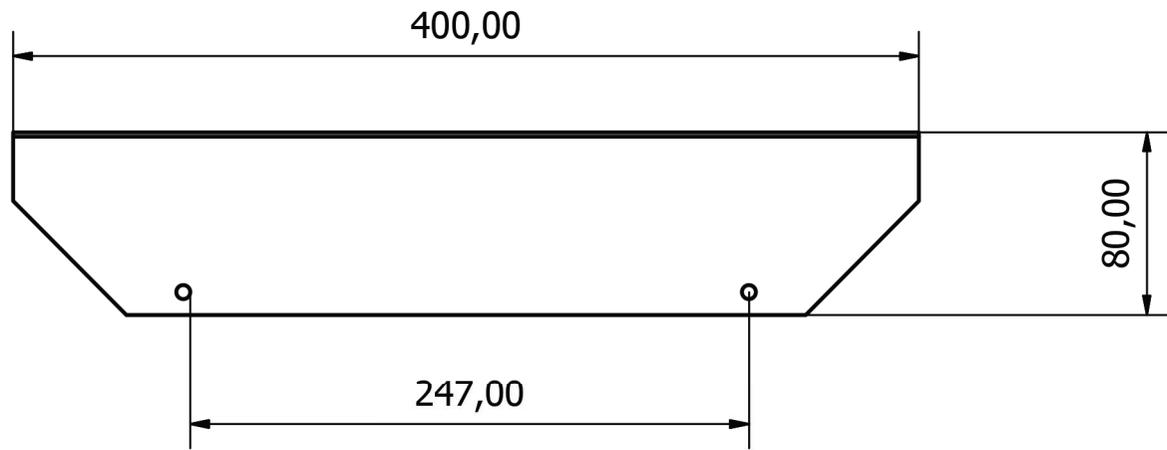
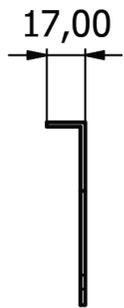
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AGRICULTURAL ENGINEERING RESEARCH DIRECTORATE		Drum Pulley	
		10	Edition Sheet 10/14



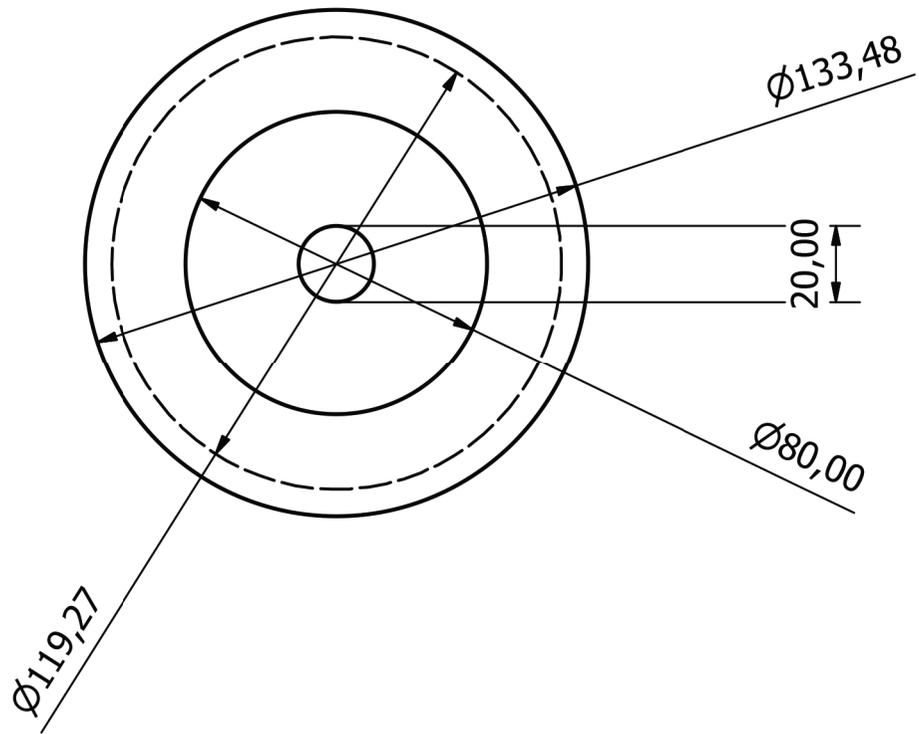
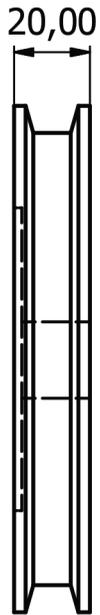
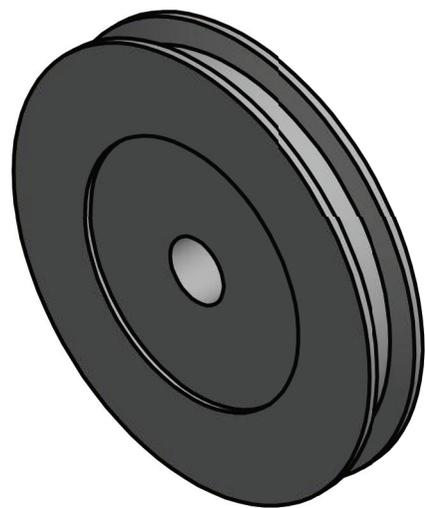
Drawn by Eyob H.	Checked by Bisrat G.	Approved by AERD	Date Dec,2018
MELKASSA AGRICULTURAL ENGINEERING RESEARCH DIRECTORATE		Fan housing	
		11	Edition Sheet 11/14



Drawn by Eyob H.	Checked by Bisrat G.	Approved by AERD	Date Dec,2018
MELKASSA AGRICULTURAL ENGINEERING RESEARCH DIRECTORATE		Fan	
		12	Edition Sheet 12/14



Drawn by Eyob H.	Checked by Bisrat G.	Approved by AERD	Date Dec,2018	
AGRICULTURAL ENGINEERING RESEARCH DIRECTORATE		Fan Blade		
		13	Edition	Sheet 13/14



Drawn by Eyob H.	Checked by Bisrat G.	Approved by AERD	Date Dec,2018	
AGRICULTURAL ENGINEERING RESEARCH DIRECTORATE		Fan Pulley		
		14	Edition	Sheet 14/14

**THESE DRAWINGS ARE AN OUTPUT OF THE FARM MECHANIZATION
AND CONSERVATION AGRICULTURE FOR SUSTAINABLE
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