



AMTEC

Brand: _____ Manufacturer: _____
Model: _____ Date of Manufacture: _____
Serial No.: _____ Date of Test: _____
Test Requested By: _____ Location of Test: _____

SPECIFICATIONS
(Peanut Thresher)

Item	Manufacturer's Specification
1	Main structure
1.1	Overall dimension, mm
1.1.1	Length
1.1.2	Width
1.1.3	Height
1.2	Weight, without prime mover, kg
2	Threshing capacity, kg/h
3	Components speed, without load, rpm
3.1	Cylinder shaft
3.2	Fan or blower shaft
3.3	Oscillating screen shaft
3.4	Cylinder peripheral speed, m/s
4	Prime mover
4.1	Engine
4.1.1	Brand
4.1.2	Model
4.1.3	Serial number
4.1.4	Make
4.1.5	Type
4.1.6	Rated speed, rpm
4.1.7	Rated power, kW
4.1.8	Cooling system
4.1.9	Starting system
4.1.10	Weight, kg

Note: NA – Not Applicable, ND – No Data

Test Engineer Signature: _____ Applicant Signature: _____
(If the applicant provided the specifications on-site/during the testing operation)



Item		Manufacturer's Specification
4.1	Electric motor	
4.1.1	Brand	
4.1.2	Model	
4.1.3	Serial number	
4.1.4	Make	
4.1.5	Type	
4.1.6	Rated speed, rpm	
4.1.7	Rated power, kW	
4.1.8	Voltage, V	
4.1.9	Current, A	
4.1.10	Frequency, Hz	
5	Power transmission system	
5.1	Prime mover to threshing cylinder	
5.1.1	Prime mover ^a	
5.1.2	Threshing cylinder ^a	
5.1.3	Belt size	
5.2	Others (enumerate)	
6	Type of clutch system	
7	Threshing chamber	
7.1	Cylinder	
7.1.1	Type	
7.1.2	Size, L × D, mm	
7.1.3	Vine-thrower paddles	
7.1.3.1	Number	
7.1.3.2	Material	
7.1.3.3	Other features	
7.2	Threshing element	
7.2.1	Type	
7.2.2	Dimension, L × W, mm	
7.2.3	Number	
7.2.4	Distance between teeth, mm	
7.2.5	Arrangement	
7.2.6	Material	
7.2.7	Means of attachment	
7.2.8	Other features	

^a Pulley diameter, mm × number of belts × shaft diameter, mm

Note: NA – Not Applicable, ND – No Data

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Item		Manufacturer's Specification
7.3	Cylinder cover	
7.3.1	Shape	
7.3.2	Material	
7.3.3	Louver	
7.3.3.1	Number	
7.3.3.2	Inclination with respect to the vertical axis, °	
7.4	Concave	
7.4.1	Material	
7.4.2	Spacing between grills, mm	
7.4.3	Clearance between concave and cylinder teeth, mm	
8	Feeding mechanism	
8.1	Type	
8.2	Feeding table/Hopper	
8.2.1	Dimension, L × W × H, mm	
8.2.2	Height from the ground, mm	
8.2.3	Dimension of feeding opening, L × W, mm	
8.2.4	Angle of inclination, °	
8.2.5	Means of attachment	
8.2.6	Material	
8.3	Feeding conveyor	
8.3.1	Type	
8.3.2	Rated capacity, kg/h	
8.3.3	Dimension, L × W, mm	
8.3.4	Height from the ground, mm	
8.3.5	Material	
9	Oscillating screen/sieve	
9.1	Dimension, L × W, mm	
9.2	Size of perforation, D, mm	
9.3	Length of stroke, mm	
9.4	Angle of inclination, °	
9.5	Material	

Note: NA – Not Applicable, ND – No Data

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Item		Manufacturer's Specification
10	Blower/Aspirator	
10.1	Type	
10.2	Dimension, L × D, mm	
10.3	Number of blades	
10.4	Size of inlet port, mm	
10.5	Material	
10.6	Adjustment	
11	Pod outlet chute	
11.1	Material	
11.2	Dimension of opening, L × W, mm	
11.3	Angle of inclination, °	
11.4	Height from the ground, mm	
12	Transport wheel	
12.1	Type	
12.2	Size, W × D, mm	
13	Adjustment	
14	Safety devices	
15	Special features	

Note: NA – Not Applicable, ND – No Data

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