



AMTEC

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

**SPECIFICATIONS**  
(Cotton Carder)

Item	Manufacturer's Specification
1	Main structure
1.1	Overall dimensions, mm
1.1.1	Length
1.1.2	Width
1.1.3	Height
1.2	Weight, without prime mover, kg
2	Capacity, kg/h
2.1	Input
2.2	Output
3	Carding delivery speed, rpm
4	Card sliver length per weight, m/g
5	Length of carded sliver, m
6	Input hopper
6.1	Dimension, L × W, mm
6.2	Dimension of bottom opening, L × W, mm
6.3	Height from the ground, mm
6.4	Material
6.5	Location
6.6	Means of attachment
7	Conveyor
7.1	Type
7.2	Dimension, L × W × t, mm
7.3	Angle of inclination, °
7.4	Material

Note: NA – Not Applicable, ND – No Data

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



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Item		Manufacturer's Specification
8	Suction chamber	
8.1	Dimension, L × W × H, mm	
8.2	Fan/Blower	
8.2.1	Type	
8.2.2	Brand	
8.2.3	Model	
8.2.4	Flow rate, m <sup>3</sup> /h	
8.2.5	Rated power, kW	
8.2.6	Rated speed, rpm	
9	Beating chamber	
9.1	Type	
9.2	Dimension, L × W × H, mm	
9.3	Material	
10	Carding chamber	
10.1	Type	
10.2	Dimension, L × W × H, mm	
10.3	Material	
11	Impurities collector	
11.1	Type	
11.2	Dimension, L × W × H, mm	
11.3	Size of perforation, D, mm	
11.4	Material	
12	Output chute	
12.1	Dimension, L × D, mm	
12.2	Height from the ground, mm	
12.3	Material	
13	Prime mover	
13.1	Electric motor	
13.1.1	Brand	
13.1.2	Model	
13.1.3	Serial number	
13.1.4	Make or manufacturer	
13.1.5	Electric service required	
13.1.6	Rated power, kW	
13.1.7	Rated speed, rpm	

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
13.1.8 Line voltage, V	
13.1.9 Maximum load current, A	
13.1.10 Frequency, Hz	
13.1 Engine	
13.1.1 Brand	
13.1.2 Model	
13.1.3 Serial number	
13.1.4 Make or manufacturer	
13.1.5 Type	
13.1.6 Rated power, kW	
13.1.7 Rated speed, rpm	
13.1.8 Starting system	
13.1.9 Cooling system	
13.1.10 Weight, kg	
14 Power transmission system	
14.1 Prime mover to conveyor	
14.1.1 Prime mover <sup>a</sup>	
14.1.2 Conveyor <sup>a</sup>	
14.1.3 Belt size	
14.2 Others (please specify)	
15 Safety devices	
16 Special features	

<sup>a</sup> Pulley diameter, mm × number of belt × shaft diameter, mm

Note: NA – Not Applicable, ND – No Data

Test Engineer Signature: \_\_\_\_\_

Applicant Signature: \_\_\_\_\_  
 (If the applicant provided the specifications on-site/during the testing operation)