



AMTEC

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

SPECIFICATIONS
(Feed Mixer)

Item		Manufacturer's Specifications ^a
1	Main structure	
1.1	Material of construction	
1.2	Overall dimensions, mm	
1.2.1	Length	
1.2.2	Width	
1.2.3	Height	
1.3	Weight of machine without prime mover, kg	
2	Hopper	
2.1	Material of construction	
2.2	Dimensions, mm	
2.2.1	Length	
2.2.2	Width	
2.2.3	Height	
2.3	Angle of friction, °	
2.4	Height from the ground, mm	
3	Mixing chamber	
3.1	Horizontal mixer	
3.1.1	Material of construction	
3.1.2	Dimensions, mm	
3.1.2.1	Length	
3.1.2.2	Width	
3.1.3	Mixing device	
3.1.3.1	Horizontal auger	
3.1.3.1.1	Material of construction	

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 ^a
3.1.3.1.2	Dimensions, mm	
3.1.3.1.2.1	Inner diameter	
3.1.3.1.2.2	Outer diameter	
3.1.3.2.2	Length	
3.1.3.2.3	Thickness of threads	
3.1.3.2	Ribbon metal	
3.1.3.2.1	Material of construction	
3.1.3.2.2	Dimensions, mm	
3.1.3.2.2.1	Length of assembly	
3.1.3.2.2.2	Diameter of assembly	
3.1.3.2.2.3	Thickness	
3.1.3.2.2.4	Diameter shaft	
3.1.3.2.2.5	Pitch, ribbon per meter	
3.1.3.3	Paddles	
3.1.3.3.1	Material of construction	
3.1.3.3.2	Dimensions, mm	
3.1.3.3.2.1	Length of assembly	
3.1.3.3.2.2	Diameter of assembly	
3.1.3.3.2.3	Length of paddle	
3.1.3.3.2.4	Width of paddle	
3.1.3.3.2.5	Thickness of paddle	
3.1.3.3.2.6	Diameter of shaft	
3.1.3.3.2.7	Angle of inclination of paddles, °	
3.1.3.4	Chain and paddles	
3.1.3.4.1	Materials of construction	
3.1.3.4.2	Dimensions, mm	
3.1.3.4.2.1	Size of chains	
3.1.3.4.2.2	Length of paddle	
3.1.3.4.2.3	Width of paddle	
3.1.3.4.2.4	Thickness of paddle	
3.1.3.5	Reel and augers	
3.1.3.5.1	Augers	
3.1.3.5.1.1	Materials of construction	
3.1.3.5.1.2	Dimensions, mm	
3.1.3.5.1.2.1	Length	
3.1.3.5.1.2.2	Outer diameter	
3.1.3.5.1.2.3	Inner diameter	

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Item	Manufacturer's Specification ^a
3.1.3.5.1.2.4	Thickness of threads
3.1.3.5.1.2.5	Pitch, thread per inch
3.1.3.5.2	Spirals on interior circumference of mixing drum
3.1.3.5.2.1	Material of construction
3.1.3.5.2.2	Dimension, mm
3.1.3.5.2.2.1	Length
3.1.3.5.2.2.2	Width
3.1.3.5.2.2.3	Thickness
3.2	Vertical mixer
3.2.1	Material of construction
3.2.2	Dimensions, mm
3.2.2.1	Length
3.2.2.2	Diameter
3.2.3	Mixing device
3.2.3.1	Vertical auger
3.2.3.1.1	Material of construction
3.2.3.1.2	Dimension, L × D × t, mm
3.2.3.1.2.1	Length
3.2.3.1.2.2	Outer diameter
3.2.3.1.2.3	Inner diameter
3.2.3.1.2.4	Thickness of threads
4	Discharge chute
4.1	Material of construction
4.2	Location
4.3	Dimensions, mm
4.3.1	Length
4.3.2	Width
4.4	Height from the ground, mm
5	Power transmission system
5.1	Prime mover to speed reducer input
5.1.1	Prime mover ^a
5.1.2	Speed reducer input ^a
5.1.3	Belt size

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

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Item		Manufacturer's Specification ^a
5.2	Speed reducer output to mixing chamber	
5.2.1	Speed reducer output ^a	
5.2.2	Mixing chamber ^a	
6	Prime mover	
6.1	Electric motor	
6.1.1	Brand	
6.1.2	Model	
6.1.3	Type	
6.1.4	Make or manufacturer	
6.1.5	Serial number	
6.1.6	Rated power, kW	
6.1.7	Rated speed, rpm	
6.1.8	Electric service required	
6.1.9	Line voltage, V	
6.1.10	Maximum load current, A	
6.1.11	Frequency, Hz	
6.2	Engine	
6.2.1	Brand	
6.2.2	Model	
6.2.3	Type	
6.2.4	Make or manufacturer	
6.2.5	Serial number	
6.2.6	Rated power, kW	
6.2.7	Rated speed, rpm	
6.2.8	Cooling system	
6.2.9	Starting system	
6.2.10	Weight, kg	
7	Safety devices	
8	Special features	

^a Number of teeth

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