



AMTEC

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

SPECIFICATIONS
(Feed Mill)

Item	Manufacturer's Specification
1	Main structure
1.1	Overall dimension, mm
1.1.1	Length
1.1.2	Width
1.1.3	Height
2	Hammer mill
2.1	Output fineness modulus
2.2	Overall dimension, L × W × H, mm
2.3	Weight without prime mover, kg
2.4	Input hopper
2.4.1	Dimension, L × W × H, mm
2.4.2	Dimension of bottom opening, L × W, mm
2.4.3	Height from the ground, mm
2.4.4	Material
2.5	Milling assembly
2.5.1	Type
2.5.2	Dimension, W × D, mm
2.5.3	Number of anchor bar
2.5.4	Hammer
2.5.4.1	Dimension, L × W × t, mm
2.5.4.2	Number of blades per anchor bar
2.5.4.3	Means of attachment
2.5.4.4	Material
2.6	Screen
2.6.1	Dimension, L × W, mm
2.6.2	Number of screens

Note: NA – Not Applicable, ND – No Data

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Item		Manufacturer's Specification
2.6.3	Size of perforation, D, mm	
2.6.4	Material	
2.6.6	Clearance between screen and tip of hammer, mm	
2.7	Aspirator	
2.7.1	Diameter, D, mm	
2.7.2	Number of vanes	
2.8	Output chute	
2.8.1	Size of opening, L × W, mm	
2.8.2	Height from the ground, mm	
2.8.3	Material	
2.9	Prime mover	
2.9.1	Engine	
2.9.1.1	Brand	
2.9.1.2	Model	
2.9.1.3	Serial number	
2.9.1.4	Make or manufacturer	
2.9.1.5	Type	
2.9.1.6	Rated power, kW	
2.9.1.7	Rated speed, rpm	
2.9.1.8	Cooling system	
2.9.1.9	Starting system	
2.9.1	Electric motor	
2.9.1.1	Brand	
2.9.1.2	Model	
2.9.1.3	Serial number	
2.9.1.4	Make or manufacturer	
2.9.1.5	Electric service required	
2.9.1.6	Rated power, kW	
2.9.1.7	Rated speed, rpm	
2.9.1.8	Voltage, V	
2.9.1.9	Current, A	
2.9.1.10	Frequency, Hz	

Note: NA – Not Applicable, ND – No Data

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Item		Manufacturer's Specification
2.10	Power transmission system	
2.10.1	Prime mover to milling assembly	
2.10.1.1	Primemover ^a	
2.10.1.2	Milling assembly ^a	
2.10.1.3	Belt size	
2.10.2	Others (please specify)	
2.11	Safety devices	
2.12	Special features	
3	Feed mixer	
3.1	Overall dimension, L × W × H, mm	
3.2	Weight of machine without prime mover, kg	
3.3	Input hopper	
3.3.1	Dimension, L × W, mm	
3.3.2	Dimension of bottom opening, L × W, mm	
3.3.3	Height from the ground, mm	
3.3.4	Material	
3.4	Mixing chamber	
3.4.1	Horizontal mixer	
3.4.1.1	Dimension, L × W, mm	
3.4.1.2	Material	
3.4.1.3	Mixing device	
3.4.1.3.1	Horizontal auger	
3.4.1.3.1.1	Dimension, L × D, mm	
3.4.1.3.1.2	Thickness of threads, mm	
3.4.1.3.1.3	Material	
3.4.1.3.2	Ribbon metal	
3.4.1.3.2.1	Dimension, L × D, mm	
3.4.1.3.2.2	Thickness of threads, mm	
3.4.1.3.2.3	Shaft diameter, D, mm	
3.4.1.3.2.4	Pitch, ribbon per meter	
3.4.1.3.2.5	Material	
3.4.1.3.3	Paddles	
3.4.1.3.3.1	Dimension of assembly, L × D, mm	
3.4.1.3.3.2	Dimension of paddle, L × W × t, mm	

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

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Item		Manufacturer's Specification
3.4.1.3.3.3	Shaft diameter, D, mm	
3.4.1.3.3.4	Material	
3.4.1.3.4	Chain and paddles	
3.4.1.3.4.1	Dimension of paddle, L × W × t, mm	
3.4.1.3.4.2	Size of chains	
3.4.1.3.4.3	Material	
3.4.1.3.5	Reels and augers	
3.4.1.3.5.1	Augers	
3.4.1.3.5.1.1	Dimension, L × D, mm	
3.4.1.3.5.1.2	Thickness of threads, mm	
3.4.1.3.5.1.3	Pitch, thread per inch	
3.4.1.3.5.1.4	Material	
3.4.1.3.5.2	Spirals on interior circumference of mixing drum	
3.4.1.3.5.2.1	Dimension, L × W × t, mm	
3.4.1.3.5.1.2	Material	
3.4.2	Vertical mixer	
3.4.2.1	Dimension, L × D, mm	
3.4.2.2	Material	
3.4.2.3	Mixing device	
3.4.2.3.1	Vertical auger	
3.4.2.3.1.1	Dimension, L × D, mm	
3.4.2.3.1.2	Thickness of threads, mm	
3.5	Output chute	
3.5.1	Dimension, L × W, mm	
3.5.2	Height from the ground, mm	
3.5.3	Material	
3.5.4	Location	
3.6	Prime mover	
3.6.1	Engine	
3.6.2	Brand	
3.6.3	Model	
3.6.4	Serial number	
3.6.5	Make or manufacturer	
3.6.6	Type	

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Item		Manufacturer's Specification
3.6.7	Rated power, kW	
3.6.8	Rated speed, rpm	
3.6.9	Cooling system	
3.6.10	Starting system	
3.6	Electric motor	
3.6.1	Brand	
3.6.2	Model	
3.6.3	Serial number	
3.6.4	Make or manufacturer	
3.6.5	Electric service required	
3.6.6	Rated power, kW	
3.6.7	Rated speed, rpm	
3.6.8	Voltage, V	
3.6.9	Current, A	
3.6.10	Frequency, Hz	
3.7	Power transmission system	
3.7.1	Prime mover to mixing assembly	
3.7.1.1	Primemover ^a	
3.7.1.2	Mixing assembly ^a	
3.7.1.3	Belt size	
3.7.2	Others (please specify)	
3.8	Safety devices	
3.9	Special features	
4	Feed pellet mill	
4.1	Overall dimension, L × W × H, mm	
4.2	Weight of machine without prime mover, kg	
4.3	Pelleting capacity, kg/h	
4.4	Pelleting efficiency, %, minimum	
4.5	Pelleting recovery, %, minimum	
4.6	Input hopper	
4.6.1	Dimension, L × W × H, mm	
4.6.2	Dimension of bottom opening, L × W, mm	
4.6.3	Height from the ground, mm	
4.6.4	Material	

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

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Item		Manufacturer's Specification
4.7	Feeder	
4.7.1	Type	
4.7.2	Length, mm	
4.7.3	Dimension of inlet opening, L × W, mm	
4.7.4	Prime mover	
4.7.4.1	Engine	
4.7.4.1.1	Brand	
4.7.4.1.2	Model	
4.7.4.1.3	Serial number	
4.7.4.1.4	Make or manufacturer	
4.7.4.1.5	Type	
4.7.4.1.6	Rated power, kW	
4.7.4.1.7	Rated speed, rpm	
4.7.4.1.8	Cooling system	
4.7.4.1.9	Starting system	
4.7.4.1	Electric motor	
4.7.4.1.1	Brand	
4.7.4.1.2	Model	
4.7.4.1.3	Serial number	
4.7.4.1.4	Make or manufacturer	
4.7.4.1.5	Electric service required	
4.7.4.1.6	Rated power, kW	
4.7.4.1.7	Rated speed, rpm	
4.7.4.1.8	Voltage, V	
4.7.4.1.9	Current, A	
4.7.4.1.10	Frequency, Hz	
4.8	Conditioner	
4.8.1	Type	
4.8.2	Dimension, L × W, mm	
4.8.3	Material	
4.8.4	Mixing device	
4.8.4.1	Type	
4.8.4.2	Material	

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Item		Manufacturer's Specification
4.8.5	Prime mover	
4.8.5.1	Engine	
4.8.5.1.1	Brand	
4.8.5.1.2	Model	
4.8.5.1.3	Serial number	
4.8.5.1.4	Make or manufacturer	
4.8.5.1.5	Type	
4.8.5.1.6	Rated power, kW	
4.8.5.1.7	Rated speed, rpm	
4.8.5.1.8	Cooling system	
4.8.5.1.9	Starting system	
4.8.5.1	Electric motor	
4.8.5.1.1	Brand	
4.8.5.1.2	Model	
4.8.5.1.3	Serial number	
4.8.5.1.4	Make or manufacturer	
4.8.5.1.5	Electric service required	
4.8.5.1.6	Rated power, kW	
4.8.5.1.7	Rated speed, rpm	
4.8.5.1.8	Voltage, V	
4.8.5.1.9	Current, A	
4.8.5.1.10	Frequency, Hz	
4.9	Pelleting chamber	
4.9.1	Type	
4.9.2	Dimension, L × W × H, mm	
4.9.3	Roller	
4.9.3	Number of rollers	
4.9.3.1	Inner diameter, mm	
4.9.3.2	Overall diameter, mm	
4.9.3.3	Width, mm	
4.9.3.4	Material	
4.9.3.5	Pattern or configuration	
4.9.4	Barrel and screw	
4.9.4.1	Barrel outer diameter, mm	
4.9.4.2	Barrel length, mm	

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Item		Manufacturer's Specification
4.9.5	Die	
4.9.5.1	Die diameter, mm	
4.9.5.2	Overall width of ring die, mm	
4.9.5.3	Working width of ring die, mm	
4.9.5.4	Material	
4.9.5.5	Number of holes	
4.9.5.6	Diameter of holes, mm	
4.9.5.7	Open area, %	
4.9.5.8	Overall length, mm	
4.9.5.9	Effective length, mm	
4.9.5.10	L/D ratio	
4.9.5.11	Relief type	
4.9.6	Prime mover	
4.9.6.1	Engine	
4.9.6.1.1	Brand	
4.9.6.1.2	Model	
4.9.6.1.3	Serial number	
4.9.6.1.4	Make or manufacturer	
4.9.6.1.5	Type	
4.9.6.1.6	Rated power, kW	
4.9.6.1.7	Rated speed, rpm	
4.9.6.1.8	Cooling system	
4.9.6.1.9	Starting system	
4.8.5.1	Electric motor	
4.9.6.1.1	Brand	
4.9.6.1.2	Model	
4.9.6.1.3	Serial number	
4.9.6.1.4	Make or manufacturer	
4.9.6.1.5	Electric service required	
4.9.6.1.6	Rated power, kW	
4.9.6.1.7	Rated speed, rpm	
4.9.6.1.8	Voltage, V	
4.9.6.1.9	Current, A	
4.9.6.1.10	Frequency, Hz	

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Item		Manufacturer's Specification
4.10	Output chute	
4.10.1	Dimension of opening, L × W, mm	
4.10.2	Height from the ground, mm	
4.10.3	Material	
4.11	Frame	
4.11.1	Dimension, L × W × H, mm	
4.11.2	Material	
4.11.3	Height, mm	
4.12	Power transmission system	
4.12.1	Prime mover to pelleting assembly	
4.12.1.1	Prime mover ^a	
4.12.1.2	Pelleting assembly ^a	
4.12.1.3	Belt size	
4.12.1.4	Others (please specify)	
4.13	Safety devices	
4.14	Special features	

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

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