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SPECIFICATION SHEET OF POWER OPERATED CHAFF CUTTER

1. **General**

Name of Machine :

Name and address of Manufacture :

Name and address of applicant :

Selling price in India :

2. **Technical Specification**

Make :

Model :

Type :

Size :

Serial No. :

Year of Manufacture :

Size of Blade :

Suitability :

3. **Constructions Details**

Stand :

Type :
Size of angle iron(m.m.) :

Size of supporting angle iron (mm) :

Size of Platform (mm) :

No. and size of holes for Fitting the chaff cutter :

4. **Chaff Cutter Assembly**

4.1 Power unit :

4.2 Type and rating :

Mass (Kg.) :

Method of mounting :

Size of angle iron flat (mm) :

Size of platform (mm) :

4.3 Main Power Transmission

Material and size of motor pulley :

Size of fly-wheel pulley (mm) :

Type and size of belt :

Speed reduction from motor pulley to fly-wheel pulley :

Arrangement for belt Tensioned :

5. Cutter Head

5.1 Fly Wheel

Constructions details :

Diameter of fly wheel (mm) :

Thickness of fly wheel (mm) :

Size of 'S' shape casting for blade Mounting (mm) :

Size of central bush (mm) :

No. size of holes on the 's' shaped Casting for blade mounting :

Mass of fly wheel (kg) :

5.2 Chaffer Blades

Type :

Rotating Blades :

Number of blades :

Material of blades :

Dimension of blade :

Method of mounting fixed blades :

Fixed blades

Number of blades :

Method of mounting :

Recommended clearance between fixed and rotating blades (mm) :

Method of clearance adjustment :

6. Feeding assembly

Main shaft Material :

Length of shaft (mm) :

Diameter of Shaft (mm) :

Number and type of bearings :

Method of shaft mounting :

Method of lubrication :

7. Gear Box

Constructional details :

Type :

Material :

Number of Wroms :

Number of Gear

1. Details of Worm :

Type :

Length (mm) :

Thickness and depth of teeth (mm) :

Number and size of holes for
Locking the worm on main shaft:

2. Details of gear :
3.

Type :

Number of teeth on each gear (mm) :

Number and size of holes provided :

For locking on shaft :

Method of power transmission :

Method of lubrication :

Recommended lubricant :

8. Feed Rollers

Number of rollers :

Type :

Material :

8.1 Lower Roller

Width and diameter of roller (mm) :

Effective width of roller(m) :

No of teeth on each roller and their Configurations :

Type of teeth and pitch :

Size of teeth (mm) :

No. and Type of shaft bearing :

Size of bush (mm) :

Provision for lubrication :

8.2 Upper Roller

8.3

Width and diameter of roller (mm) :

Effective width of roller(m) :

No of teeth on each roller and their Configurations :

Type of teeth and pitch :

Size of teeth (mm) :

No. and Type of shaft bearing :

Size of bush (mm) :

Provision for lubrication :

Space between the axis of upper

Minimum :

Maximum :

Method of space adjustment :

Speed of feeding rollers corresponding to 1440 RPM of the prime mover (RPM) :

1. Upper Roller :
2. Lower Roller :

9. Feeding mechanism

Type of Feeding :

Material :

Height of feeding tray (mm) :

Length of feeding tray (mm) :

Angle of installation of tray :

Method of mounting :

Safety Arrangements :

10. Length :

Width :

Height :

11. Mass of Machine (Kg)

With prime mover :

Without prime mover :

12. Color of Machine :

Place:

Date:

Signature :_____

Name :_____

Designation:_____