



FARM MACHINERY TESTING CENTRE

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SPECIFICATION SHEET OF CULTIVATOR (TRACTOR DRAWN)

| | | | | |
|-------|----------------------------------|-----------------------------------------------------------|---|--|
| 1.0 | General | | : | |
| | Name of machine | | : | |
| | Name and address of manufacturer | | : | |
| | Name and address of applicant | | : | |
| | Selling price in India | | : | |
| 2.1 | Constructional details: | | | |
| | a) | Name | : | |
| | b) | Type | : | |
| | c) | Make | : | |
| | d) | Serial Number | : | |
| | e) | Model | : | |
| | f) | Year of manufacture | : | |
| | g) | No. of tines | : | |
| | h) | Size of cultivator (mm) | : | |
| | i) | Source of power | : | |
| 2.2 | Frame: | | | |
| | a) | Constructional details | : | |
| | b) | Dimensions (mm) | : | |
| 2.3 | Tyne: | | | |
| | a) | No of tynes | : | |
| | b) | Arrangement on main frame | : | |
| | c) | Type | : | |
| | d) | Material | : | |
| | e) | Size (mm) | : | |
| | f) | Length (mm) | : | |
| | | - curved | : | |
| | | - projected | : | |
| | g) | Width (mm) | : | |
| | | - at top | : | |
| | | - at bottom | : | |
| | h) | No. and size of hole on each tyne for fixing shovel to it | : | |
| | i) | Center to center distance between the holes (mm) | : | |
| | j) | No. and size of bolts for tightening shovel to the tyne | : | |
| | k) | Method of fixing | : | |
| | l) | Provision for height adjustments | : | |
| 2.4 | Shovel : | | | |
| | a) | No. of shovel | : | |
| | b) | Type | : | |
| | c) | Material | : | |
| | d) | No. and size of holes on each shovel for fixing to tyne | : | |
| | e) | Method of fixing | : | |
| 2.4.1 | Bar-point: | | | |
| | a) | Type | : | |
| | b) | Material | : | |
| | c) | Dimensions (mm) | : | |

| | | | |
|-----|-----------------------|------------------------|---|
| 2.5 | Hitch Pyramid: | | |
| | a) | Constructional details | : |
| | b) | Material | : |
| | c) | Size (mm) | : |

| Sr. | Dimension | Description (Refer Fig.) | Dimension in mm |
|-------------------------|----------------------------|-----------------------------------|-----------------|
| Upper Hitch attachments | | | |
| 1 | d_1 | Diameter of hitch pin hole | |
| 2 | b'_1 | Width between inner faces of yoke | |
| 3 | b'_2 | Width between outer faces of yoke | |
| Lower hitch points | | | |
| 4 | D_2 | Dia of hitch pin | |
| 5 | b'_3 | Linch pin hole distance | |
| 6 | l | Lower hitch point span | |
| Other dimensions | | | |
| | Diameter of linch pin hole | | |
| 7 | d | For upper hitch pin | |
| 8 | | For lower hitch pin | |
| 9 | h | Mast height | |

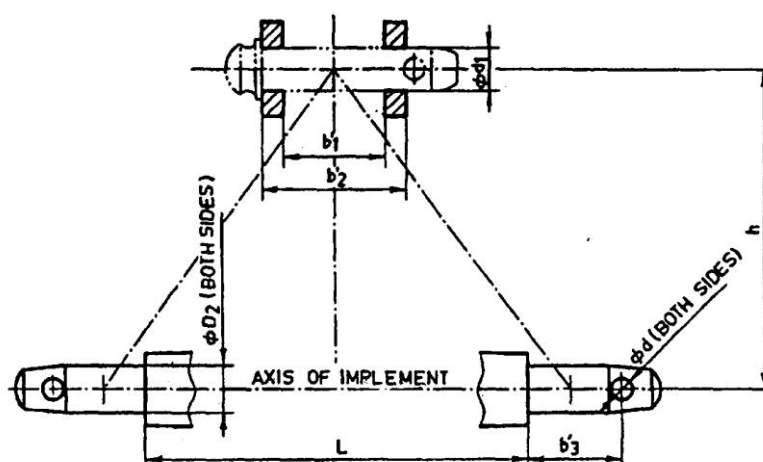


Fig. : Implement Hitch Attachment

| | | | |
|-----|----------------------------------|----------------------|------------------|
| 4.3 | Material of construction: | | |
| | Name of components | Material used | Size (mm) |
| | a) Main frame | | |
| | b) Tyne | | |
| | c) Shovel/bar-point | | |
| | d) Hitch pyramid | | |

| | | | |
|-----|---------------------------------|---|--|
| 4.4 | Overall dimensions (mm): | | |
| | a) Length | : | |
| | b) Width | : | |
| | c) Height | : | |
| 4.5 | Total mass (kg) | | |
| 4.6 | Color of implement | | |

Place:

Date:

Signature : _____

Name : _____

Designation: _____