BASE - 1 OFF- MILD STEEL

(SEE DRAWING TD001-C FOR PLAN VIEW)
DO NOT SCALE

DIA 9.0
(8 OFF)

BASE - 1 OFF - MILD STEEL

(SEE DRAWING TD001-A FOR FRONT VIEW)

(SEE DRAWING TD001-C FOR PLAN VIEW)
(SEE DRAWING TD001-A FOR FRONT VIEW)
(SEE DRAWING TD001-B FOR SIDE VIEW)

BASE - 1 OFF MILD STEEL
DO NOT SCALE

REALTIVE
POSITIONS
OF
BEARING
SHAFTS(IN
ASSEMBLY)

9 (4 OFF)
MARK THROUGH AND
DRILL LATER

12.5 (8 OFF)

70
20
70
75
200
200
1350
1122

(TO OUTSIDE OF LEGS)

UPPER FRAME -
1 OFF - MILD
STEEL

No. Description CHK AP'D DATE

REVISIONS

Practical Action

TITLE TRAY DRYER DRAWN AR TRACE CHK

DIMENSIONS IN MM DRAWING No. TD002a
DO NOT SCALE

UPPER FRAME - 1 OFF - MILD STEEL

REVISIONS

No. Description CHK AP'ED DATE

Practical Action

TITLE TRAY DRYER DRAWN TRACE CHK

DIMENSIONS IN MM DRAWING No. TD002b

NOT TO SCALE
CABINET - 1 OFF - MILD STEEL

(SEE DRAWING TD003-B FOR PLAN VIEW)

DIMENSIONS IN MM

DRAWING No. TD003a
LIFTING FINGERS - OFF - MILD STEEL

MANUFACTURING NOTE:
1. Cut the four fingers out roughly and equal fingers.
2. Drill holes and make profiles equal.
3. Bolt to gather and make profiles equal.

By grinding/flattening.

2 HOLES DIA 12.5 THRO.

2 CHAMBERS 6.0 x 45°
DO NOT SCALE

CAM FINGER TIE ROD

MANUFACTURING NOTE
Each cam-lever tie rod consists of 2 bars 680 long. A stop bar (30X25X6) is welded to one tie rod only. The rods are assembled in conjunction with the rest of the lifting mechanism and the main frame. This is described in the accompanying 'construction notes'.

12.5 (2 OFF)

1285 (NOM) see notes
5655 (NOM) see notes

CL

Practical Action

TITLE TRAY DRYER DRAWN TRACED CHK NOT TO SCALE
DIMENSIONS IN MM DRAWING No. TD005

No. Description CHK AP'D DATE

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---
DO NOT SCALE

Fabrication note
The distance between the holes is equal to the distance between centres of the lifting shafts when the latter are in position on top frame. (see general assembly-TD00)

TOP CAM LINK – 2 OFF – MILD STEEL

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Wall thickness 5 (approx)

DD 42

General Note

All the components in drawings TD001 - D13 (inclusive) are drawn in the orientation they are in, in the general assembly TD101.
Steel - Off

Operating Lever - Mild Steel +/− 0.25 mm

Tolerances unless otherwise specified

The lever is made from OD 45 mm tubing - 630 mm long. Ends are flattened for a distance of 50 mm.

Notes:

Roughly rounded at 12 mm Wall

R.S.I. to suit OD of shaft
### Tolerances
- Steel: Ø 0.25
- Unless otherwise specified: ± 0.025

### Operating Lever Handle
- The operating lever handle is made from a 1500 mm bar bent and threaded extension bar as shown. The bar length approx. 16 mm bar bent and threaded.
- Welds are not specified as they are not important.

### Important Notes
- Do not scale.
- Use a 16 mm diameter bar for bending and threading.
- M16 nut and bolts are used as specified.
The bearings are made from oiled hardwood.

The bore of the 44 mm hole should be waxed before use.

The split bearing must be sawn in half bolted together then have the 44 mm hole drilled.

Notes:

CHAMFER: 5mm, 45°

WOOD - 2 OFF IMPREGNATED HARD
END BEARING - OIL

2 HOLES DIA 8 THRO.
STANDARD +/− 0.25
UNLESS OTHERWISE
TOLERANCES

4 HOLES DIA 6.0 THRO
The cabinet doors are made from a single length of angle iron (shown in drawing), or four separate lengths.

The doors are slightly undersize, with plywood overlaps for draught proofing (see DA).

Notes:

Hinges are track welded to drying cabinet or base (see EA).

Latches are mounted on top of the draught strips in the positions indicated in the drawings.
SMALL DOOR - MILD STEEL - 2 OFF

REFERENCE TO NOTE ON 1201

NOTE

LATCH

CL

75

75

886
In a large piece of plate, thus allowing both
holes. It is suggested that a full hole is drilled
where a drill is used to create the SSR half
hole radial and their relative positions.
The cam translates movement of the operator.

MILD STEEL
MECHANISM
LIFTING
LEVER PLATE

Important:
Profile not to suite bearing.

2 Holes 1@30 THRD
Tray Guides - Wood - 2 Off

Chamfer 45° Full Depth 45°

4 Off - Wood - Side Guides

Do Not Scale