**NOTES**

**SPECIFICATION**

- **VERTICAL LOAD CAPACITY PER SKID UNIT** = 200t
- **MAXIMUM LATERAL LOAD** = 5% MAXIMUM PUSH / PULL PER SKID UNIT = 30t
- **WORKING PRESSURES (BAR)**
  - VERTICAL GRIPPER = 280 (PUSH) 170/253 (PUSH/PULL)
  - WORKING GRIPPER = 20M Pa
- **LAUNCH SPEED** = 20m/hour
- **CLOSED HEIGHT** = 785mm
- **MAXIMUM LIFT HEIGHT** = 150mm
- **OVERALL CLOSED LENGTH - UNI-DIRECTIONAL ANCHOR** = 2450mm - BI-DIRECTIONAL ANCHOR = 2833mm
- **OVERALL WIDTH OF SYSTEM** = 550 mm

**PROJECT NO.**

- DL-SU200 SKIDDING SYSTEM

**DRAWING TITLE**

- GENERAL ARRANGEMENT

**DRAWING NUMBER**

- A 11.04.13 INF INFORMATION JPF DNT

**REV.**

- 30 DIA HOLES FOR M24 HD BOLTS FIXING TRACK TO FOUNDATION

**DATE**

- 02 03

**DRAWING TITLE**

- ISOMETRIC VIEW

**DRAWING NUMBER**

- DL-SU200/333 SKID TRACK (Wt = 960kg)

**DATE**

- 01

**DRAWING TITLE**

- TRACK JOINT WITH SHEAR KEYS AND 2 Nos M50 threaded bars

**DRAWING NUMBER**

- DL-SU200 SKID UNIT (Wt = 215kg)

**DATE**

- 02

**DRAWING TITLE**

- UNI-DIRECTIONAL ANCHOR

**DRAWING NUMBER**

- DL-G30 UNI-DIRECTIONAL ANCHOR, 30t SWL (Wt = 130kg)

**DATE**

- 03

**DRAWING TITLE**

- DL-CY200 CYLINDER 200t SWL, 150mm STROKE WITH TILT SADDLE (Wt = 400kg)

**DRAWING NUMBER**

- DL-G30 BI-DIRECTIONAL ANCHOR, 30t SWL (Wt = 240kg)

**DATE**

- DO NOT SCALE

**DRAWING TITLE**

- DL-CY15 RAMS 15t SWL PUSH/PULL 500mm STROKE (Wt = 150kg EACH)

**DRAWING NUMBER**

- DL-SU200 SKIDDING SYSTEM

**DRAWING TITLE**

- GENERAL ARRANGEMENT

**DRAWING NUMBER**

- ISOMETRIC VIEWS

**DRAWING NUMBER**

- DL-SU200-001
Plan on A-A

A 1100 Jack Closed
(1600 at full stroke)

B 440 Anchor Pin Centres

C 2450 for Uni-Directional Anchor
2833 for Bi-Directional Anchor

D 800 Skid Unit Pin Holes

5800 Track Section

5848 Overall Length

Elevation

Section B-B

Section C-C

Section D-D

Plan on A-A

Elevation

Section B-B

Section C-C

Section D-D

Specification

Vertical Load Capacity
Per Skid Unit
200t

Maximum Lateral Load
5%

Maximum Push / Pull
Per Skid Unit
30t

Working Pressures (Bar)
Vertical
280 (Push)
170-253 (Push/Pull)

Maximum Bearing Pressure
Under Track
200 MPa

Launch Speed
20 km/hour

Closed Height
785 mm

Maximum Lift Height
150 mm

Overall Closed Length
- Uni-Directional Anchor
2450 mm
- Bi-Directional Anchor
2833 mm

Overall Width of System
550 mm

Note:

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DL-SU200 Skidding System

General Arrangement
Plans & Sections

Drawing No.

DL-SU200-002

A

DL-SU200 Skidding System

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**SPECIFICATION**

**VERTICAL LOAD CAPACITY**

PER SKID UNIT = 200t

**MAXIMUM LATERAL LOAD**

PER SKID UNIT = 30t

**MAXIMUM PUSH / PULL**

PER SKID UNIT = 5%

**WORKING PRESSURES (BAR)**

VERTICAL = 280 (PUSH)
GRIPPER = 170/253 (PUSH/PULL)

**MAXIMUM BEARING PRESSURE**

UNDER TRACK = 20MPa

**LAUNCH SPEED**

= 20m/hour

**CLOSED HEIGHT**

= 785mm

**MAXIMUM LIFT HEIGHT**

= 150mm

**OVERALL CLOSED LENGTH**

= 5073mm

**OVERALL WIDTH OF SYSTEM**

= 550 mm

**DL-SU200 SKID TRACK**

**DL-SU200 BRIDGING UNIT**

(Wt = 760kg)

**DL-SU200 LINK PLATE ASSEMBLIES**

(Wt = 10kg EACH)

**DL-SU200 LINK PLATE ASSEMBLY**

**DL-CY200 CYLINDER**

**DL-CY15 RAMS**

**DL-G30 UNI DIRECTIONAL ANCHOR**

**ISOMETRIC VIEW**

**CUTAWAY ISOMETRIC VIEW**

**EXPLODED ISOMETRIC VIEW**

**NOTES**
LEVELLING PACKS (INSTALLED PRIOR TO PLACING OF GROUT)

NOTE:
DETAILS SHOWN IN SECTIONS A-A & B-B ARE FOR CAST IN HD FIXINGS, AS AN ALTERNATIVE HOLES COULD BE DRILLED AND RESIN TYPE ANCHORS USED FOR FIXING.
NOTES

1. MAXIMUM UNFACTORED BEARING LOAD UNDER TRACK ABOVE EACH WEB OF STEEL BEAM = 3kN/mm

2. MAXIMUM UNFACTORED UPLIFT ON EACH HOLDING DOWN BOLT = 60kN

SECTION A-A

TOP OF SKID PLATE TO BE LEVEL TO WITHIN 2mm IN 1000mm IN ANY DIRECTION

ISOMETRIC VIEW

SECTION B-B

ALTERNATIVE DETAIL

TRACK INTEGRATED INTO STEEL SUPPORT BEAM

DL-SU200-006

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