

NOTE:
BOOM SHOWS 64.4m LENGTH.
FOR OTHER CONFIGURATION
REFER TO BOOM ASSEMBLY.

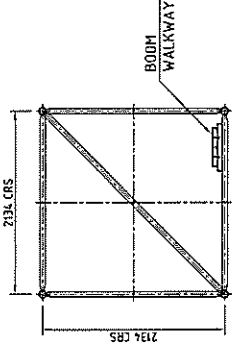
- NOTES:**
1. RADIUS IN MILLIMETRES.
 2. RATED LOAD IS IN TONNES AND IS THE LOAD BELOW THE HOOK.
 3. MAIN HOIST IS REEVED IN SINGLE OR DOUBLE FALLS.
 4. BOTH HOIST AND LUFF NEED TO BE FITTED WITH TWO INDEPENDENT LIMIT SWITCHES.
 5. HOIST ROPE HBL TO BE VERIFIED FOR MAX. S.W.L.

TECHNICAL DATA:

- MAIN HOIST:**
 DOUBLE FALL 25 TONNES @ 0 - 27.5m/min.
 SINGLE FALL 12.5 TONNES @ 0 - 55.0m/min.
 SINGLE FALL 5.0 TONNES @ 0 - 136.0m/min.
 SINGLE FALL @ NO LOAD @ 0 - 14.0m/min.
LUFFING: MAX. TO MIN. RADIUS 78% (APPROX.)
 SLEWING: 0 - 1.0 RPM
 PRIME MOVER: CATERPILLAR 3208T
 187 kW (250 HP) @ 2600 RPM

COMPONENT WEIGHTS:

- MACHINERY DECK ASSEMBLY = 46.6 TONNES
- MACHINERY DECK = 10.5 TONNES
- SLEW RING & DRIVE ASSEMBLY = 1.5 TONNES
- SLEW MOUNT = 2.2 TONNES
- 167 PLATFORMS & HANDRAILS = 0.1 TONNES
- POWERPACK AND WINCH ASSY = 1.2 TONNES
- Ø28mm HOIST ROPE = 0.5 TONNE
- Ø26mm LUFF ROPE = 0.5 TONNES
- CABIN ASSEMBLY = 1.2 TONNES
- PLATFORMS, LADDERS & HANDRAILS = 1.5 TONNES
- MISCELLANEOUS ITEMS = 1.5 TONNES
- COUNTERWEIGHT ASSEMBLY = 22.4 TONNES
- MAST ASSEMBLY = 3.8 TONNES
- BOOM ASSEMBLY = 10.8 TONNES (BOOM LENGTH 64.4m)
- BRIDLE ASSEMBLY = REFER TO BOOM ASSY FOR OTHER LENGTHS
- Ø38mm PENDANT ROPES FOR 64.4m BOOM LENGTH = 0.4 TONNE
- (INCLUDING LINK PLATES & PINS) = 0.8 TONNES
- 12.5 TONNE SINGLE FALL HOOK ASSEMBLY = 0.5 TONNES
- 25 TONNE SINGLE FALL HOOK ASSEMBLY = 0.6 TONNES
- TOTAL = 78.6 TONNES**



BOOM CHORD SECTION

Date	Description	EOM Number	Rev
19/07/11	570620-M48-4082 (64x13.4m)	1441-040	1

TOLERANCES	Revised Dimensional Tolerances Required U/D
±3.0	>100 - ±3.00
±2.0	>200 - ±2.00
±1.5	>300 - ±1.50
±1.0	>400 - ±1.00
±0.8	>500 - ±0.80
±0.5	>600 - ±0.50
±0.3	>700 - ±0.30
±0.2	>800 - ±0.20
±0.1	>900 - ±0.10

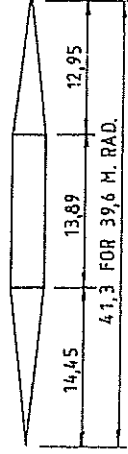
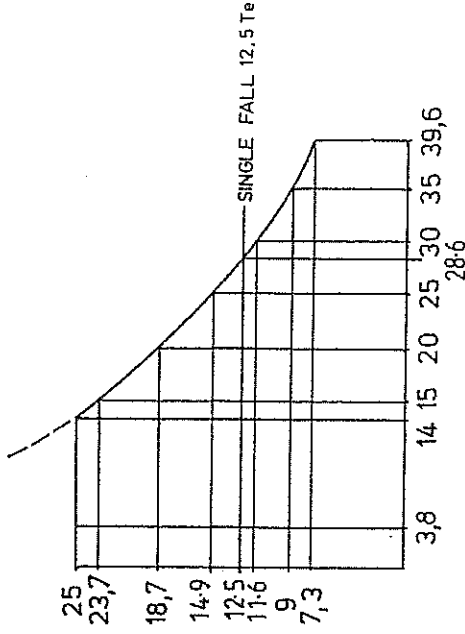
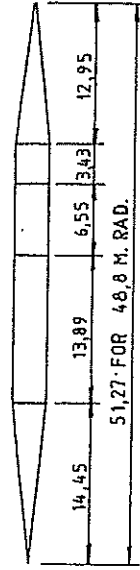
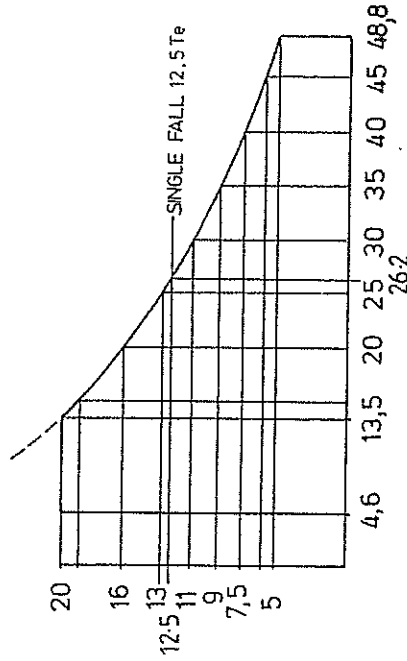
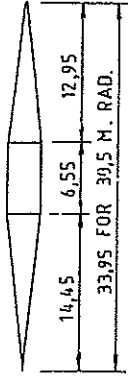
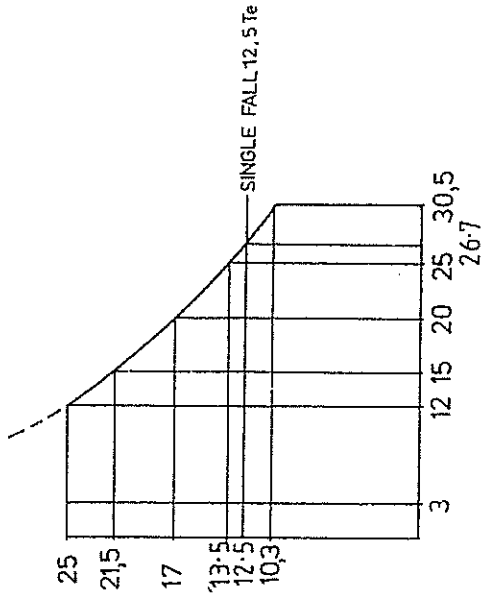
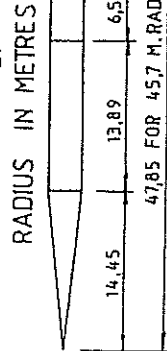
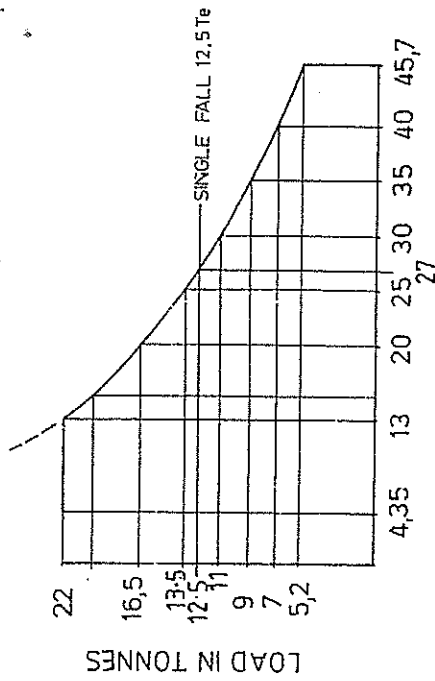
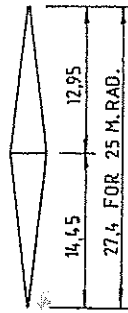
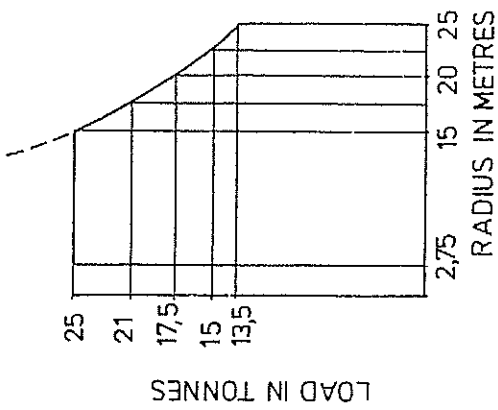
Structural Components - Tolerances Required U/D	Revised Dimensional Tolerances Required U/D
±1.0	>2000 - ±2000
±1.5	>3000 - ±3000
±2.0	>4000 - ±4000
±2.5	>5000 - ±5000
±3.0	>6000 - ±6000
±3.5	>7000 - ±7000
±4.0	>8000 - ±8000
±4.5	>9000 - ±9000
±5.0	>10000 - ±10000

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STD1000 SERIES - GENERAL ARRANGEMENT

Drawn	Draft Checked/Eng Checked	Approved	Scale	Sheet
			N.T.S.	3 OF 10

Weight: First Used on: S/W/S Drawing Number: A1000-0748



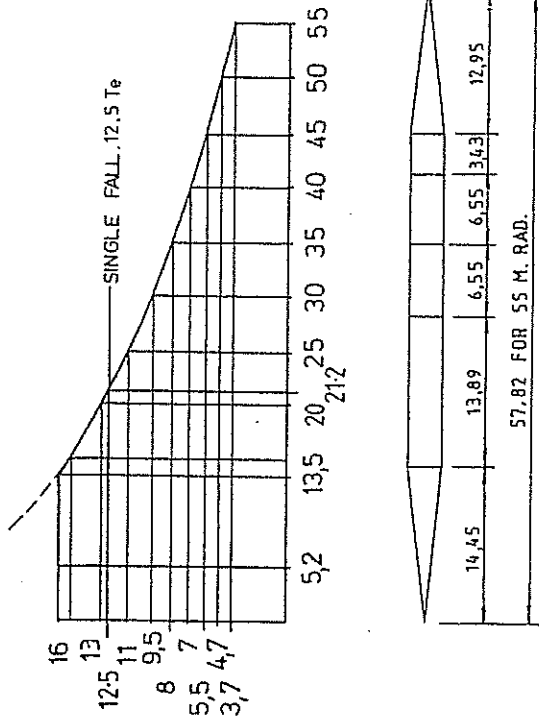
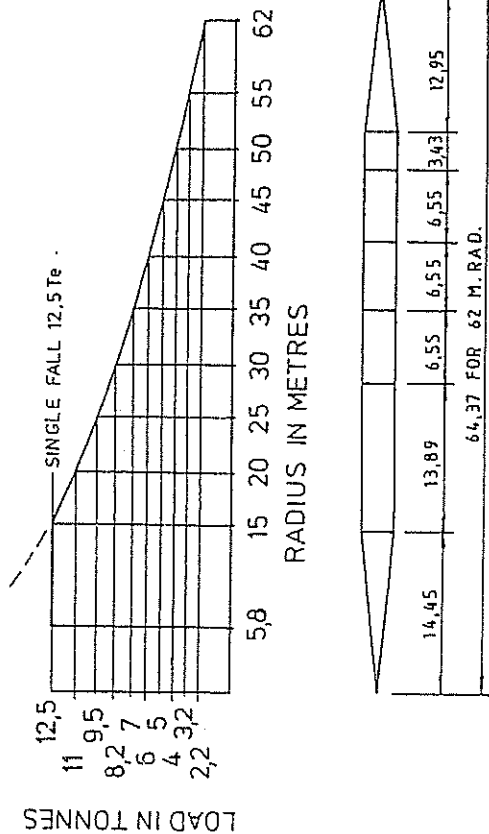
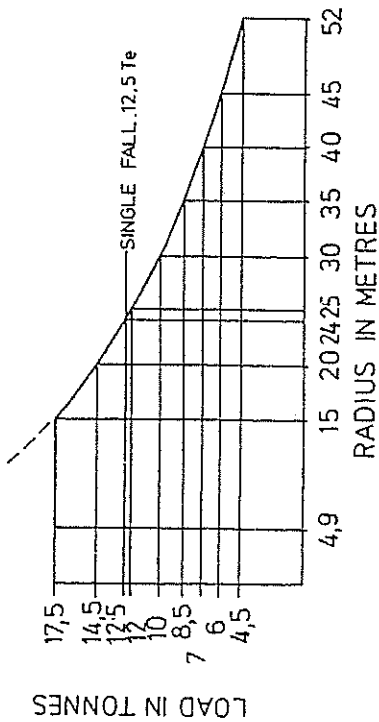
DATE	REVISION	NAME	ISSUE
21.3.89	14 TONNE WINCH DELETED	BB	J
8/2/88	RADIUS FOR 14 TONNES ADDED	TMR	H
19.7.88	14 TONNE WINCH ADDED	B.B.	G
17.12.87	REFER SHEET 1	B.B.	F
14.12.87	12.5 TONNES ADDED	DK	E
20.11.87	REFER SHEET 1 OF 3	B.B.	D
18.11.87	REFER SHEET 1 OF 3	B.B.	C
30.10.87	INCREASED FROM 2 SHEETS TO 3	S.B	B
17.9.87	ORIGINAL ISSUE	GTB.	A.

FAVCO ENGINEERS PTY. LTD.
(Incorporated in Victoria)

TITLE - CAPACITY CHARTS
AND BOOM CONFIGURATIONS
FAVCO 1000 E(II) TOWER CRANE

DRAWN	CHECKED	DATE	WEIGHT	ISSUE	SIZE
G T.S.	GR	17-9-'87		J	A3
APPROVED		SCALE	DRAWING No.	SH. 2	
[Signature]		-	A3.1000.061.	OF 3.	

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21.3.89	14 TONNE WINCH DELETED	BB	J
9/2/88	RADIUS FOR 14 TONNES ADDED	TMR	H
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14.12.87	12.5 TONNES ADDED	DK	E
20.11.87	REFER SHEET 1 OF 3	B.B.	D
13.11.87	REFER SHEET 1 OF 3	B.B.	C
30.10.87	INCREASED FROM 2 SHEETS TO 3	S.B.	B
17.9.87	ORIGINAL ISSUE	G.T.S.	A

DATE	REVISION	NAME	ISSUE

FAVCO ENGINEERS PTY. LTD. <small>(Incorporated in Victoria)</small>			
TITLE CAPACITY CHARTS AND BOOM CONFIGURATIONS FAVCO 1000 E(II) TOWER CRANE			
DRAWN G.T.S.	CHECKED G.P.	DATE 17-9-87	ISSUE J
APPROVED <i>[Signature]</i>		SCALE -	SIZE A3
DRAWING NO. A3.1000.061.		SH 3 OF 3	

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