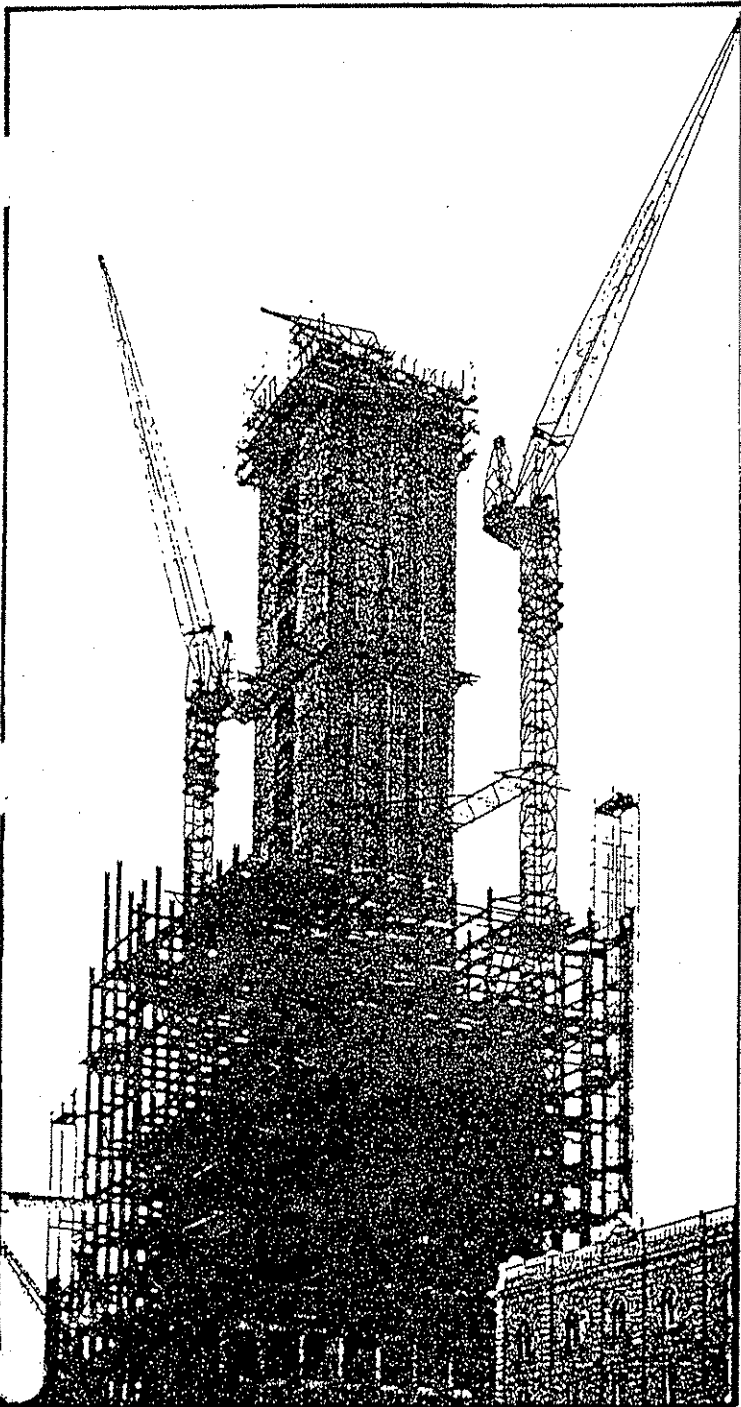


FAVCO

STD 1000

These outstanding features make Favco cranes superior in efficiency, economy and versatility.

- Diesel-hydraulic powered
- Infinitely variable stepless speed control
- Continuous hydraulic oil filtration
- Continuous weighing of the load
- Hydraulic luffing
- Travelling counterweight
- Fail-safe emergency hoist brake
- Universal application—external or internal hydraulic climbing—curve negotiating rail or barge mounting
- Exceptional stability
- Accuracy and precision in placement of steel work
- Small minimum working radius

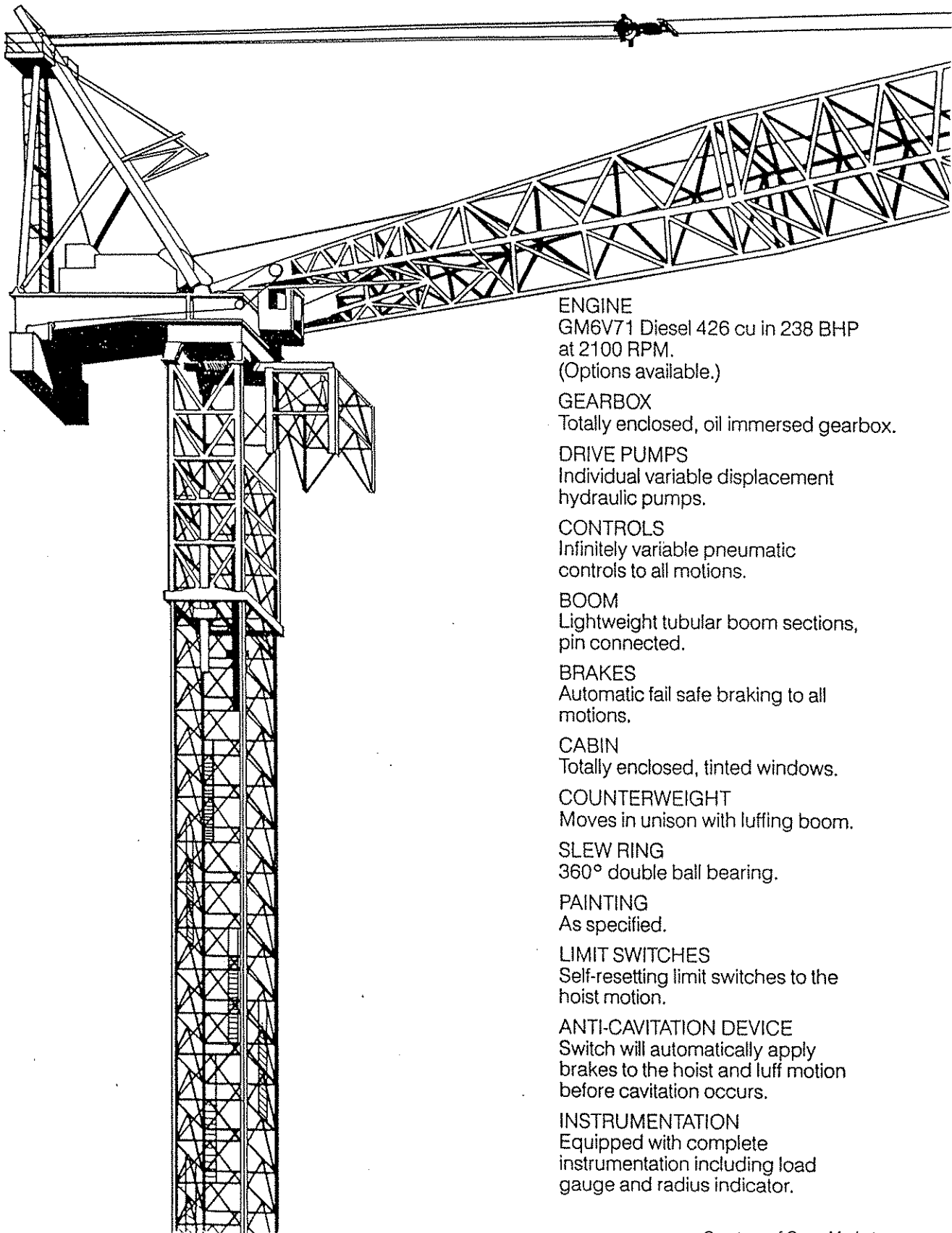


STD 1000

FAVCO CRANE SALES PTY. LTD.

Favco tower cranes can be supplied as internal climbing, external climbing, rail travelling or barge mounted.

Favco cranes are designed in accordance with current Australian Standards.



ENGINE
GM6V71 Diesel 426 cu in 238 BHP
at 2100 RPM.
(Options available.)

GEARBOX
Totally enclosed, oil immersed gearbox.

DRIVE PUMPS
Individual variable displacement
hydraulic pumps.

CONTROLS
Infinitely variable pneumatic
controls to all motions.

BOOM
Lightweight tubular boom sections,
pin connected.

BRAKES
Automatic fail safe braking to all
motions.

CABIN
Totally enclosed, tinted windows.

COUNTERWEIGHT
Moves in unison with luffing boom.

SLEW RING
360° double ball bearing.

PAINTING
As specified.

LIMIT SWITCHES
Self-resetting limit switches to the
hoist motion.

ANTI-CAVITATION DEVICE
Switch will automatically apply
brakes to the hoist and luff motion
before cavitation occurs.

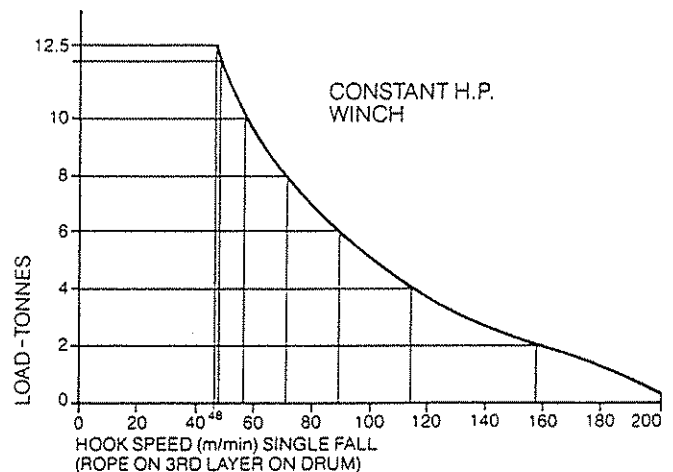
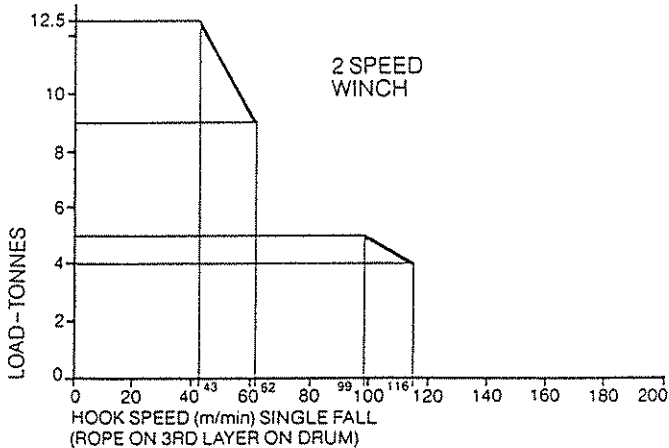
INSTRUMENTATION
Equipped with complete
instrumentation including load
gauge and radius indicator.

STD 1000

SHIPPING DIMENSIONS AND WEIGHTS

ITEM No.	DESCRIPTION	LENGTH m	WIDTH m	HEIGHT m	WEIGHT tonnes
1	Tower (including ladders)	2.47	2.47	3.05	2.9
2	Climbing cylinder (10ft 9in)	4.02	0.30	0.30	1.5 each
2A	Climbing cylinder (13ft 6in)	4.86	0.30	0.30	1.8 each
3	Climbing frame (external) consists of:-				
	Side panel including cylinders (2)	9.00	2.64	0.30	4.1 each
	Connecting frames (2)	3.09	2.39	0.2	} 1.6 total
	Connecting beams (2)	3.09	0.31	0.2	
	Climbing supports (2)	2.16	0.81	0.33	0.3 each
4	Climbing frame (internal) consists of:-				
	Base frame	2.47	2.47	0.90	1.7
	Cylinders (2)	4.02	0.30	0.30	1.5 each
	Cylinders (13ft 6in)	4.86	0.30	0.30	1.8 each
	Outer climbing legs (2)	2.45	0.26	0.65	0.7 each
	Inner climbing leg	2.45	0.46	0.77	1.1
5	Roballo mount	3.12	2.76	1.34	3.2
6	Machinery deck including slew drive, ring and cabin	8.77	2.99	2.78	10.3
7	Counterweights (3)	4.05	1.28	0.31	10.5 each
8	Power pack (including winch)	4.06	2.40	2.71	10.1
9	Mast (with sheaves)	14.60	2.88	0.73	3.3
10	Ladder	11.40	0.78	1.14	0.4
11	Slew ring (diameter)	2.66	2.66	0.18	1.2
12	Monorail including trolley	5.80	0.62	0.58	1.5
13	Bottom jib section	14.70	2.88	2.26	2.6
14	Jib extension (3.43m)	3.56	2.26	2.26	0.6
15	Jib extension (6.55m)	6.67	2.26	2.26	1.1
16	Jib extension (13.89m)	14.03	2.26	2.26	1.9
17	Top jib section	13.56	2.26	2.95	1.3
18	Rope (300m plus 1 fall hook)	—	—	—	1.5
19	Travel base consists of:-				
	Base frames (2)	7.60	2.89	0.78	4.4 each
	Connecting beams (2)	6.40	0.27	0.77	1.4 each
	Ties (2)	1.88	0.26	0.31	0.2 each
	Tower braces (4)	4.12	0.31	0.34	0.5 each
	Driven bogies (2)	1.80	1.05	0.92	1.4 each
	Idler bogies (2)	1.80	0.56	0.92	1.0 each
	Bottom tower section including oil tank and power pack	2.47	2.47	3.05	6.0

HOIST SPEEDS



As Aquila Favco tower crane developments are continuous, all details and specifications are subject to change without notice. All measurements shown are nominal.

FAVCO CRANE SALES PTY. LTD.

28 Yarrunga Road Prestons NSW 2170 Australia
Telephone (02) 608 2000 Telex AA21559

Melbourne -

2070 Hume Highway Campbellfield Victoria 3061
Telex AA30976. Telephone (03) 305 3381

Brisbane -

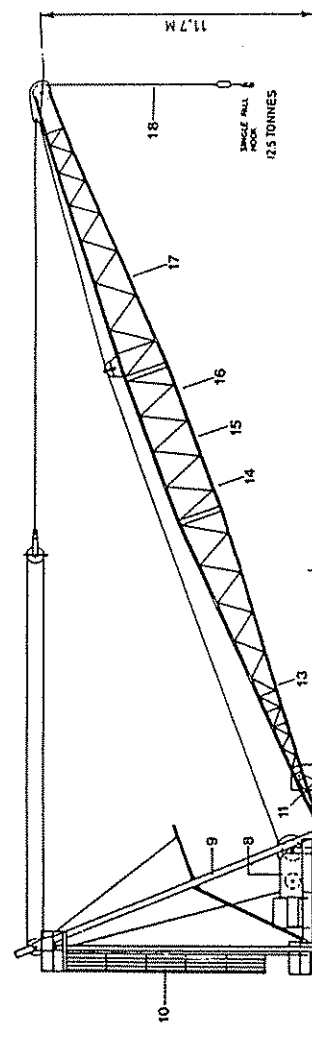
23 Hope Street South Brisbane Queensland 4101
Telex AA44198. Telephone (07) 44 6122

Perth -

6 Bellows Street Welshpool Western Australia 6106
Telex AA93103. Telephone (09) 451 5742

STD 1000

Tower cranes



NOTE:
IF LATERAL SUPPORTS ARE MORE THAN 0.15M FROM PANEL POINTS, SUITABLE TOWER DIAPHRAGM BRACING MUST BE USED*

LUFF SPEED
MAX. TO MIN. RADIUS 1.3 MIN
SLEW SPEED
TRAVEL SPEED
HOIST SPEEDS
SEE BACK PAGE

OR MAX HEIGHT ABOVE TOP LATERAL SUPPORT (H x 0.48 + 33.53 M) + 11 TOWERS
1 SUBJECT TO D.I. REQUIREMENTS OF APPROPRIATE STATE

0.15M
MAX. DISTANCE BETWEEN LATERAL SUPPORTS = 15.25 M

2.7M

7
TAIL RADIUS
7.0 M

1
SLEW TORQUE
364 KNm

2.46M
MIN. 2.49 M
OPENING
CHOCK

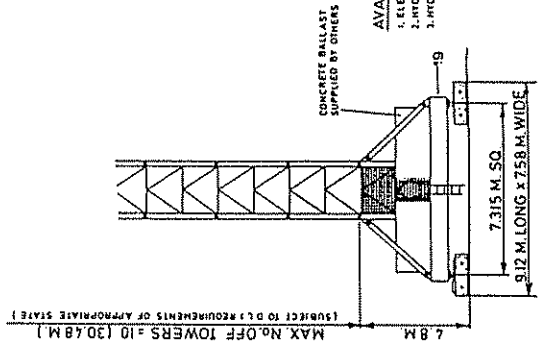
MIN. 9.0M

MAX. No. OFF TOWERS = 9 (27.43 M.)

EXTERNAL CLIMBING CONFIGURATION

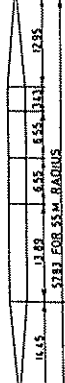
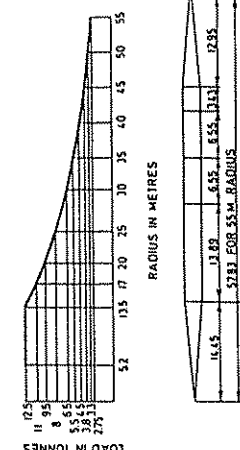
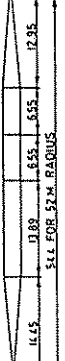
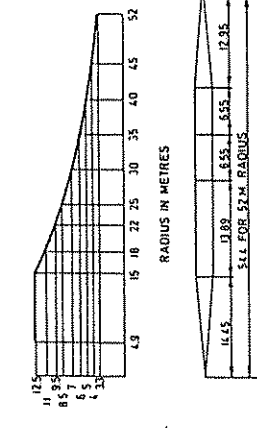
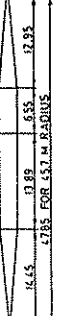
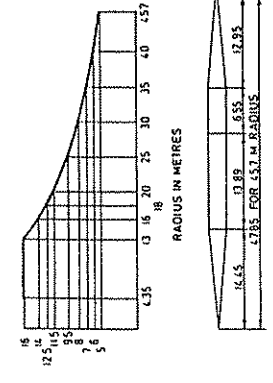
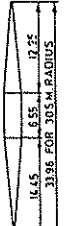
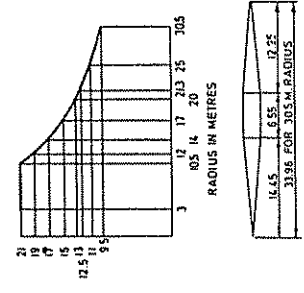
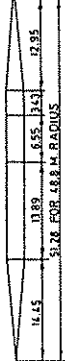
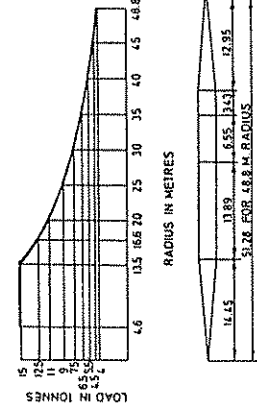
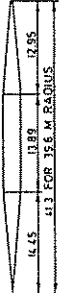
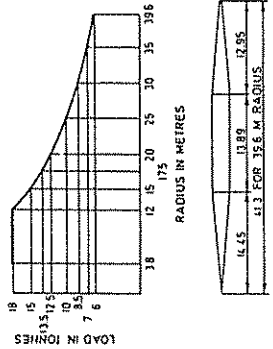
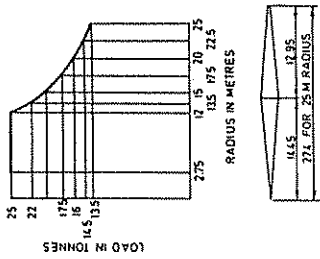
INTERNAL CLIMBING CONFIGURATION

TRAVEL BASE CONFIGURATION

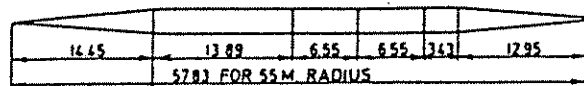
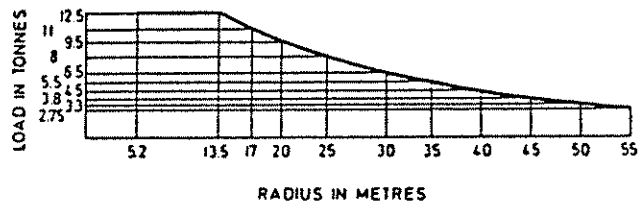
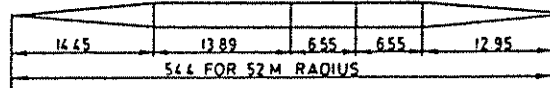
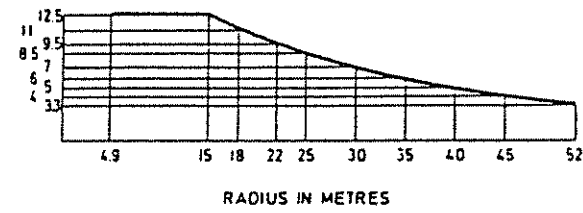
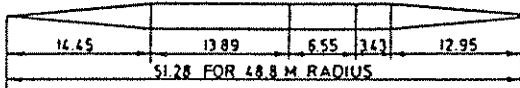
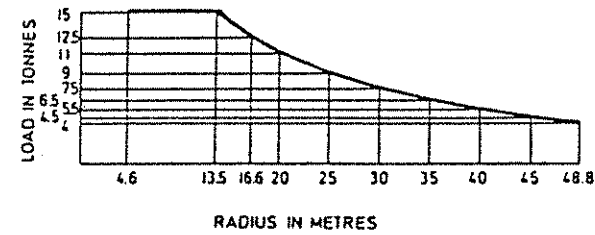
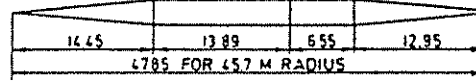
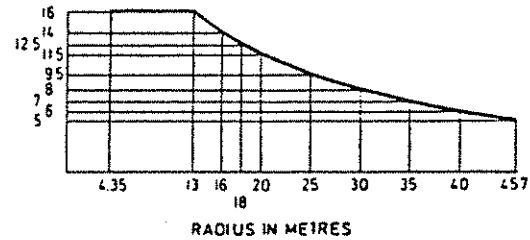
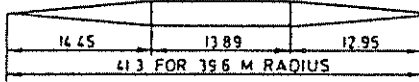
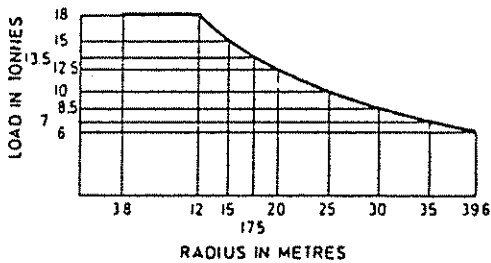
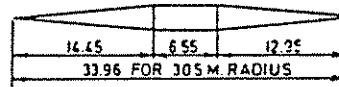
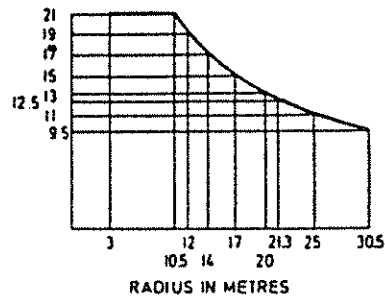
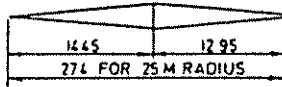
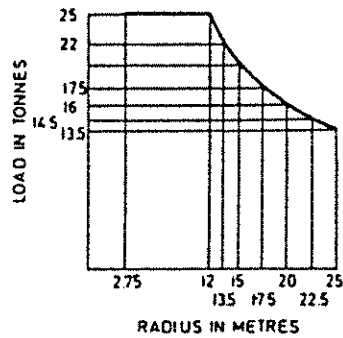
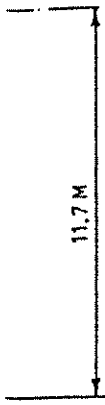


AVAILABLE TRAVEL DRIVES
1. ELECTRICALLY OPERATED FROM CABIN
2. HYDRAULICALLY OPERATED FROM BASE
3. HYDRAULICALLY OPERATED FROM CABIN (USING SLEW PUMP DRIVE)

LOAD CAPACITIES



LOAD CAPACITIES



BALLAST BY OTHERS

AVAILABLE TRAVEL DRIVES

1. ELECTRICALLY OPERATED FROM CABIN
2. HYDRAULICALLY OPERATED FROM BASE
3. HYDRAULICALLY OPERATED FROM CABIN (USING SLEW PUMP DRIVE)