



TR

ROUGH TERRAIN CRANE

TR-350M

JAPANESE SPECIFICATIONS

OUTLINE	SPEC. NO.
5-section Boom, 2-staged Power Tilt Jib X-type Outrigger	TR-350M-3-00101

Control No. JA-01

Return to
INDEX



TR-350M-3-00101

TR-350M

CRANE SPECIFICATIONS

CRANE CAPACITY

9.5m	Boom	35,000kg	at 3.0m	(10part-line)
16.2m	Boom	22,500kg	at 4.0m	(7part-line)
22.9m	Boom	14,000kg	at 5.5m	(5part-line)
29.6m	Boom	10,000kg	at 7.0m	(4part-line)
36.3m	Boom	7,000kg	at 8.0m	(4part-line)
8.0m	Jib	3,400kg	at 78 °	(1part-line)
13.0m	Jib	2,200kg	at 77 °	(1part-line)
Single top		3,500kg		(1part-line)

MAX.LIFTING HEIGHT

Boom	37.1m
Jib	50.1m

MAX.WORKING RADIUS

Boom	33.0m
Jib	37.6m

BOOM LENGTH

9.5m – 36.3m

BOOM EXTENSION

26.8m

BOOM EXTENSION SPEED

26.8m/113s

JIB LENGTH

8.0m, 13.0m

MAIN WINCH SINGLE LINE SPEED

126m/min (4th layer)

MAIN WINCH HOOK SPEED

12.6m/min (10 part-line)

AUXILIARY WINCH SINGLE LINE SPEED

126m/min (4th layer)

AUXILIARY WINCH HOOK SPEED

126m/min (1 part-line)

BOOM ELEVATION ANGLE

0 °~ 83 °

BOOM ELEVATION SPEED

0 °~ 83 °/53s

SWING ANGLE

360 ° continue

SWING SPEED

2.3rpm

WIRE ROPE

Main Winch	16mm x 200m (Diameter x Length)
	Spin-resistant wire rope
Auxiliary Winch	16mm x 110m (Diameter x Length)
	Spin-resistant wire rope

BOOM

5-section hydraulically telescoping boom of hexagonal box construction
(stage 2: sequential; stages 3,4,5: synchronized)

BOOM EXTENSION

2 double-acting hydraulic cylinders
2 wire rope type telescoping devices

JIB

Quick-turn type (2-staged type which stores alongside below the base boom section and extendible from under the boom (with 2nd stage being a pull-out type))
Hydraulic non-stage offset (5 °~ 45 °) type

SINGLE TOP

Single sheave. Mounted on main boom head for single line work.

HOIST

Driven by hydraulic motor and via spur gear reducer.
With free-fall device.
Automatic brake (with foot brake for free-fall device)
2 single winches
With flow regulator valve with pressure compensation

BOOM ELEVATION

1 double-acting hydraulic cylinder
With flow regulator valve with pressure compensation

SWING

Hydraulic motor driven planetary gear reducer
Swing bearing
Swing free/lock changeover type
Negative brake

OUTRIGGERS

Fully hydraulic X-type (floats mounted integrally)
Slides and jacks each provided with independent operation device.
Fully extended width 6.7m
Middle extended width 6.3m, 5.2m
Minimum extended width 3.8m

OPERATION METHOD

Hydraulic pilot valve operation

MAX. VERTICAL LOAD CAPACITY OF OUTRIGGER

35.0t

HYDRAULIC PUMPS

2 variable piston pumps
2 gear pumps

HYDRAULIC OIL TANK CAPACITY

450 liters

SAFETY DEVICES

Automatic moment limiter (AML)
Swing automatic stop device
Over-winding cutout device
Working area control device
Free-fall interlock device
Outrigger extension width detector
Winch drum lock
Level gauge
Hook safety latch
Hydraulic safety valve
Telescopic counterbalance valve
Elevation counterbalance valve
Power tilt counterbalance valve
Jack pilot check valve
Swing lock

EQUIPMENT

Air-conditioner with dehumidifier
Hydraulic oil temperature indication lamp
Radio
Oil cooler
Visual-type winch drum rotation indicator
Operation pedals
ISO arrangement: for telescoping/auxiliary hoisting
TADANO arrangement: for elevating/telescoping
Television (option)



CARRIER SPECIFICATIONS

ENGINE

Model MITSUBISHI 6D24 (with turbo charger)
Type 4-cycle, 6-cylinder, direct-injection, water-cooled diesel engine
Piston displacement 11,945cc
Max. output 290PS at 2,200rpm
Max. torque 110kg·m at 1,400rpm

TORQUE CONVERTER

3-element, 1-stage unit (with automatic lock-up mechanism)

TRANSMISSION

Automatic and manual transmission
Power shift type (wet multi-plate clutch)
4 forward and 1 reverse speeds (with Hi/Low settings)

REDUCER

Axle dual-ratio reduction

DRIVE

2-wheel drive (4X2) / 4-wheel drive (4X4) selection

FRONT AXLE

Full floating type

REAR AXLE

Full floating type

SUSPENSION

Front
Hydro-pneumatic suspension (with hydraulic lock cylinder)
Rear
Hydro-pneumatic suspension (with hydraulic lock cylinder)

STEERING

Fully hydraulic power steering
With reverse steering correction mechanism

BRAKE SYSTEM

Service Brake
Hydro-pneumatic brake
Disk brake
Parking Brake
Mechanically operated, internal expanding duo-servo shoe type acting on drum at transmission case rear.
Auxiliary Brake
Hydrodynamic retarder
Electro-pneumatic operated exhaust brake
Auxiliary braking device for operations

FRAME

Welded box-shaped structure

ELECTRIC SYSTEM

12 V DC. 2 batteries of 24V (120Ah)

FUEL TANK CAPACITY

300 liters

TIRES

Front 16.00R25☆☆☆(OR)
Rear 16.00R25☆☆☆(OR)

CAB

One-man type
With interior equipment
Liquid filled rubber mounted type
Fully adjustable foldable seat (with headrest and seat belt)
Adjustable handle (tilt, telescoping)
Intermittent type windshield/roof wiper (with washer)
Power window
Side visor

SAFETY DEVICES

Emergency steering device
Suspension lock device
Rear wheel steering lock device
Engine over-run alarm
Overshift prevention device
Parking brake alarm
Powered mirror for right side of boom
Monitor TV for left side of boom (option)

EQUIPMENT

Centralized oiling device
Electric mirror

GENERAL DATA

DIMENSIONS

Overall length 11,425mm
Overall width 2,750mm
Overall height 3,595mm
Wheel base 3,800mm
Tread Front 2,260mm
Rear 2,260mm

WEIGHTS

Gross vehicle weight
Total 31,795kg
Front 15,900kg
Rear 15,895kg

PERFORMANCE

Max. traveling speed 49km/h
Gradeability (tan θ) 0.57
Min. turning radius 5.2m (4-wheel steering)
8.6m (2-wheel steering)



TR-350M-3-00101

TOTAL RATED LOADS

(1) With outriggers set
[BOOM]

Unit: ton					
Outriggers fully extended (6.7m) -360 °					
A B	9.5m	16.2m	22.9m	29.6m	36.3m
3.0m	35.0	22.5	14.0		
3.5m	30.6	22.5	14.0	10.0	
4.0m	27.5	22.5	14.0	10.0	
4.5m	24.7	20.7	14.0	10.0	7.0
5.0m	22.3	19.3	14.0	10.0	7.0
5.5m	20.3	17.9	14.0	10.0	7.0
6.0m	18.6	16.8	13.4	10.0	7.0
6.5m	16.4	15.8	12.5	10.0	7.0
7.0m	14.5	14.9	11.8	10.0	7.0
8.0m		13.1	10.6	8.9	7.0
9.0m		10.7	9.6	8.0	6.3
10.0m		9.0	8.6	7.2	5.8
11.0m		7.4	7.7	6.55	5.3
12.0m		6.1	6.7	6.0	4.9
13.0m		5.1	5.85	5.55	4.5
14.0m			5.1	5.1	4.15
15.0m			4.4	4.6	3.85
16.0m			3.8	4.15	3.6
17.0m			3.3	3.75	3.35
18.0m			2.9	3.3	3.15
19.0m			2.5	2.95	2.95
20.0m			2.2	2.6	2.7
22.0m				2.0	2.2
24.0m				1.5	1.75
26.0m				1.1	1.35
28.0m					1.0
30.0m					0.75
32.0m					0.55
33.0m					0.45
a (°)	0~83				

Unit: ton					
Outriggers middle extended (6.3m) -Over sides-					
A B	9.5m	16.2m	22.9m	29.6m	36.3m
3.0m	35.0	22.5	14.0		
3.5m	30.6	22.5	14.0	10.0	
4.0m	27.5	22.5	14.0	10.0	
4.5m	24.7	20.7	14.0	10.0	7.0
5.0m	22.3	19.3	14.0	10.0	7.0
5.5m	20.3	17.9	14.0	10.0	7.0
6.0m	18.6	16.8	13.4	10.0	7.0
6.5m	16.4	15.8	12.5	10.0	7.0
7.0m	14.5	14.9	11.8	10.0	7.0
8.0m		12.6	10.6	8.9	7.0
9.0m		10.0	9.6	8.0	6.3
10.0m		8.0	8.6	7.2	5.8
11.0m		6.6	7.4	6.55	5.3
12.0m		5.4	6.25	6.0	4.9
13.0m		4.5	5.3	5.55	4.5
14.0m			4.6	4.8	4.15
15.0m			3.95	4.3	3.85
16.0m			3.4	3.8	3.6
17.0m			2.9	3.35	3.35
18.0m			2.55	2.95	3.1
19.0m			2.15	2.55	2.75
20.0m			1.85	2.25	2.45
22.0m				1.7	1.95
24.0m				1.3	1.5
26.0m				0.9	1.15
28.0m					0.8
30.0m					0.55
a (°)	0~83				20~83

A= Boom length B= Working radius
a= Boom angle range (for the unladen condition)



[BOOM]

Unit: ton					
Outriggers middle extended (5.2m) –Over sides–					
A B	9.5m	16.2m	22.9m	29.6m	36.3m
3.0m	35.0	22.5	14.0		
3.5m	30.6	22.5	14.0	10.0	
4.0m	27.5	22.5	14.0	10.0	
4.5m	24.7	20.7	14.0	10.0	7.0
5.0m	22.3	19.3	14.0	10.0	7.0
5.5m	19.8	17.9	14.0	10.0	7.0
6.0m	16.9	15.8	13.4	10.0	7.0
6.5m	14.3	13.6	12.5	10.0	7.0
7.0m	12.3	11.7	11.8	10.0	7.0
8.0m		8.9	9.5	8.9	7.0
9.0m		7.0	7.7	8.0	6.3
10.0m		5.6	6.3	6.8	5.8
11.0m		4.5	5.3	5.75	5.3
12.0m		3.7	4.4	4.9	4.9
13.0m		3.0	3.7	4.2	4.3
14.0m			3.2	3.6	3.8
15.0m			2.7	3.1	3.35
16.0m			2.3	2.65	2.9
17.0m			1.9	2.25	2.55
18.0m			1.5	1.9	2.2
19.0m			1.2	1.65	1.9
20.0m			1.0	1.4	1.65
22.0m				1.0	1.2
24.0m				0.6	0.8
26.0m					0.5
a (°)	0~83		19~83	36~83	

Unit: ton					
Outriggers minimum extended (3.8m) –Over sides–					
A B	9.5m	16.2m	22.9m	29.6m	36.3m
3.0m	35.0	22.5	14.0		
3.5m	28.5	22.5	14.0	10.0	
4.0m	21.3	20.2	14.0	10.0	
4.5m	16.85	16.1	14.0	10.0	7.0
5.0m	13.8	13.0	13.8	10.0	7.0
5.5m	11.6	10.8	11.55	10.0	7.0
6.0m	9.95	9.15	9.8	10.0	7.0
6.5m	8.5	7.8	8.45	9.0	7.0
7.0m	7.4	6.8	7.4	7.95	7.0
8.0m		5.15	5.8	6.3	6.4
9.0m		4.0	4.65	5.1	5.25
10.0m		3.05	3.75	4.2	4.4
11.0m		2.3	3.05	3.45	3.65
12.0m		1.7	2.5	2.85	3.05
13.0m		1.2	2.0	2.35	2.6
14.0m			1.6	1.95	2.15
15.0m			1.2	1.6	1.85
16.0m			0.9	1.3	1.5
17.0m			0.6	1.0	1.25
18.0m				0.75	1.0
19.0m				0.5	0.75
20.0m					0.55
a (°)	0~83		28~83	43~83	54~83

A= Boom length B= Working radius
a= Boom angle range (for the unladen condition)



TR-350M-3-00101

[JIB]

Unit: ton

Outriggers fully extended (6.7m)												-360 °-
C D E (°)	36.3m Boom + 8.0m Jib						36.3m Boom + 13.0m Jib					
	5 °		25 °		45 °		5 °		25 °		45 °	
	B (m)	M	B (m)	M	B (m)	M	B (m)	M	B (m)	M	B (m)	M
83	5.0	3.4	7.8	2.1	9.8	1.6	6.4	2.2	10.6	1.25	14.0	1.0
78	9.2	3.4	11.9	2.1	13.6	1.6	11.2	2.2	15.1	1.25	18.1	1.0
77	10.0	3.25	12.6	2.1	14.4	1.6	12.1	2.2	16.0	1.25	18.9	0.95
75	11.5	2.9	14.2	1.95	15.8	1.5	13.8	1.95	17.7	1.2	20.4	0.85
70	15.3	2.3	17.8	1.65	19.2	1.3	18.0	1.55	21.7	1.0	24.0	0.75
65	18.8	1.9	21.3	1.45	22.5	1.2	22.0	1.25	25.5	0.9	27.5	0.7
63	20.3	1.8	22.6	1.35	23.7	1.15	23.6	1.15	26.9	0.85	28.8	0.65
60	22.2	1.6	24.5	1.25	25.5	1.1	25.8	1.05	29.0	0.8	30.6	0.63
56	24.8	1.35	27.0	1.15	27.8	1.05	28.6	0.9	31.5	0.7	32.9	0.6
54	26.0	1.15	28.1	1.05	28.8	1.0	30.0	0.85	32.8	0.65	34.0	0.57
50	28.3	0.85	30.2	0.75	30.7	0.7	32.5	0.65	35.1	0.55	36.0	0.55
47	30.0	0.65	31.7	0.55	32.1	0.55	34.3	0.45	36.6	0.42	37.3	0.4
45	30.9	0.5	32.6	0.45			35.4	0.35	37.6	0.35		
43	31.9	0.4	33.5	0.35								
a (°)	42 ~ 83				46 ~ 83		44 ~ 83				46 ~ 83	

Unit: ton

Outriggers middle extended (6.3m)												-Over sides-
C D E (°)	36.3m Boom + 8.0m Jib						36.3m Boom + 13.0m Jib					
	5 °		25 °		45 °		5 °		25 °		45 °	
	B (m)	M	B (m)	M	B (m)	M	B (m)	M	B (m)	M	B (m)	M
83	5.0	3.4	7.8	2.1	9.8	1.6	6.4	2.2	10.6	1.25	14.0	1.0
78	9.2	3.4	11.9	2.1	13.6	1.6	11.2	2.2	15.1	1.25	18.1	1.0
77	10.0	3.25	12.6	2.1	14.4	1.6	12.1	2.2	16.0	1.25	18.9	0.95
75	11.5	2.9	14.2	1.95	15.8	1.5	13.8	1.95	17.7	1.2	20.4	0.85
70	15.3	2.3	17.8	1.65	19.2	1.3	18.0	1.55	21.7	1.0	24.0	0.75
65	18.8	1.9	21.3	1.45	22.5	1.2	22.0	1.25	25.5	0.9	27.5	0.7
63	20.3	1.8	22.6	1.35	23.7	1.15	23.6	1.15	26.9	0.85	28.8	0.65
60	22.2	1.6	24.5	1.25	25.5	1.1	25.8	1.05	29.0	0.8	30.6	0.63
56	24.7	1.2	26.9	1.05	27.8	1.05	28.6	0.9	31.5	0.7	32.9	0.6
54	25.9	1.0	28.0	0.9	28.7	0.85	29.9	0.8	32.8	0.65	34.0	0.57
50	28.2	0.65	30.1	0.6	30.6	0.55	32.4	0.5	35.0	0.4	35.9	0.4
47	29.9	0.45	31.6	0.4	32.0	0.4						
a (°)	46 ~ 83						49 ~ 83					

B= Working radius C= Jib length D= Jib offset
E= Boom angle M= Total rated loads
a= Boom angle range (for the unladen condition)



[JIB]

Unit: ton

Outriggers middle extended (5.2m)											-Over sides-	
C D	36.3m Boom + 8.0m Jib						36.3m Boom + 13.0m Jib					
	5 °		25 °		45 °		5 °		25 °		45 °	
E (°)	B (m)	M	B (m)	M	B (m)	M	B (m)	M	B (m)	M	B (m)	M
83	5.0	3.4	7.8	2.1	9.8	1.6	6.4	2.2	10.6	1.25	14.0	1.0
78	9.2	3.4	11.9	2.1	13.6	1.6	11.2	2.2	15.1	1.25	18.1	1.0
77	10.0	3.25	12.6	2.1	14.4	1.6	12.1	2.2	16.0	1.25	18.9	0.95
75	11.5	2.9	14.2	1.95	15.8	1.5	13.8	1.95	17.7	1.2	20.4	0.85
70	15.3	2.3	17.8	1.65	19.2	1.3	18.0	1.55	21.7	1.0	24.0	0.75
65	18.8	1.8	21.3	1.45	22.5	1.2	22.0	1.25	25.5	0.9	27.5	0.7
63	20.2	1.45	22.6	1.3	23.7	1.15	23.6	1.15	26.9	0.85	28.8	0.65
60	22.1	1.05	24.4	0.95	25.4	0.85	25.7	0.85	28.9	0.7	30.6	0.63
56	24.6	0.65	26.7	0.55	27.5	0.5	28.4	0.45	31.3	0.37	32.8	0.35
54	25.8	0.45	27.8	0.4	28.6	0.35						
a (°)	53 ~ 83						55 ~ 83					

Unit: ton

Outriggers minimum extended (3.8m)												–Over sides–	
C D	36.3m Boom + 8.0m Jib						36.3m Boom + 13.0m Jib						
	5 °		25 °		45 °		5 °		25 °		45 °		
E (°)	B (m)	M	B (m)	M	B (m)	M	B (m)	M	B (m)	M	B (m)	M	
83	5.0	3.4	7.8	2.1	9.8	1.6	6.4	2.2	10.6	1.25	14.0	1.0	
78	9.2	3.4	11.9	2.1	13.6	1.6	11.2	2.2	15.1	1.25	18.1	1.0	
77	10.0	3.25	12.6	2.1	14.4	1.6	12.1	2.2	16.0	1.25	18.9	0.95	
75	11.5	2.9	14.2	1.95	15.8	1.5	13.8	1.95	17.7	1.2	20.4	0.85	
70	15.2	1.7	17.7	1.4	19.2	1.2	18.0	1.35	21.7	1.0	24.0	0.75	
66	17.8	0.8	20.3	0.7	21.6	0.6	20.9	0.65	24.4	0.5	26.6	0.4	
a (°)	65 ~ 83												

B= Working radius C= Jib length D= Jib offset
E= Boom angle M= Total rated loads
a= Boom angle range (for the unladen condition)



TR-350M-3-00101

PRECAUTIONS TO BE TAKEN WHEN THE OUTRIGGERS ARE EXTENDED:

- 1. The total rated loads shown are for the case where the crane is set horizontally on firm level ground. They include the weights of the slings and hooks (main hook: 330kg, 20t hook: 210kg, auxiliary hook: 70kg). The values above the bold lines are based on the crane strength while those below are based on the crane stability.
- 2. Since the working radii are based on the actual values including the deflection of the boom, operations should be performed in accordance with the working radii.
- 3. Perform jib operations in accordance with the boom angle, irrespective of the boom length. The working radii are reference values for the case where the jib is mounted to a 36.3m boom.
- 4. The total rated load for the single top shall be the value obtained by subtracting the weight of the hook mounted to the boom from the total rated load of the boom and must not exceed 3.5t.
- 5. As a rule, free-fall operation should be performed only when lowering the hook alone. If a hoisted load must be lowered by free-fall operation, the load must be kept below 1/5th of the total rated load and sudden braking operations must be avoided.
- 6. The chart below shows the standard number of part lines for each boom length. The load per line should not exceed 3.5t for both the main winch and auxiliary winch.

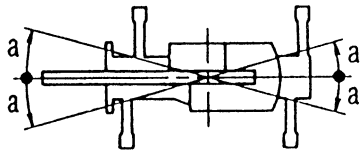
A	9.5m	16.2m	22.9m	29.6m	36.3m	J
H	10	7	5(6)	4	4	1

A= Boom length H= No. of part-lines
J= Jib/Single top

The value in() is for a 20t hook.

- 7. The hoisting performance for the "Over sides" range will differ according to the extended width of the outriggers. Operations should be performed in accordance with the performance corresponding to the extended width. Also, although the hoisting performances for the "Over front" and "Over rear" ranges are equivalent to those of the "outriggers fully extended" condition, the front and rear ranges (angle a) will differ according to the width to which the outriggers are extended in the left and right directions.

Extended width	Middle extended (6.3m)	Middle extended (5.2m)	Minimum extended (3.8m)
Angle a °	35	25	15





(2) Without outriggers

Unit: ton

B (m)	Stationary						Creep (travelling at 1.6km/h or less)					
	9.5m Boom		16.2m Boom		22.9m Boom		9.5m Boom		16.2m Boom		22.9m Boom	
	F	G	F	G	F	G	F	G	F	G	F	G
3.0	16.0	9.0	13.0	8.0			12.0	6.8	10.0	6.0		
3.5	16.0	9.0	13.0	8.0			12.0	6.8	10.0	6.0		
4.0	14.4	7.6	13.0	6.75			10.8	5.7	10.0	5.05		
4.5	13.05	6.4	11.8	5.7	10.0	5.5	9.75	4.8	9.15	4.2	7.5	4.0
5.0	11.85	5.2	10.8	4.6	10.0	5.5	8.9	4.05	8.35	3.45	7.5	4.0
5.5	10.8	4.3	9.9	3.7	9.5	4.6	8.15	3.35	7.6	2.8	7.2	3.4
6.0	10.0	3.6	9.1	3.05	9.0	3.9	7.5	2.8	6.95	2.3	6.8	2.85
6.5	8.7	3.0	8.4	2.5	8.3	3.3	6.9	2.35	6.2	1.9	6.2	2.4
7.0	7.5	2.5	7.3	2.0	7.8	2.8	5.9	1.9	5.5	1.55	5.85	2.05
8.0			5.6	1.2	6.25	2.05			4.25	1.0	4.85	1.5
9.0			4.4	0.6	5.05	1.4			3.3	0.5	3.9	1.05
10.0			3.5		4.15	0.9			2.65		3.15	0.75
11.0			2.75		3.4	0.5			2.05		2.6	
12.0			2.1		2.8				1.65		2.15	
13.0			1.6		2.35				1.3		1.8	
14.0					1.9						1.5	
15.0					1.5						1.25	
16.0					1.2						1.0	
17.0					0.9						0.75	
18.0					0.65						0.5	
19.0					0.5							
a (°)	0~76		47~ 76	18~ 76	56~ 76	0~76		47~ 76	22~ 76	59~ 76		

B= Working radius F= Front G= 360 °
a= Boom angle range (for the unladen condition)



TR-350M-3-00101

PRECAUTIONS TO BE TAKEN WHEN THE OUTRIGGERS ARE NOT MOUNTED:

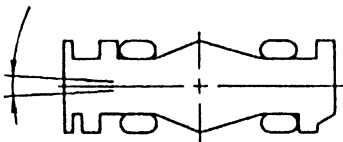
- 1. The total rated loads shown are for the case where the tire air pressure on firm level ground is as specified (9.00kg/cm²) and the suspension-lock cylinder is retracted as much as possible. They include the weights of the slings and hooks (main hook: 330kg, 20t hook: 210kg, auxiliary hook: 70kg).
The values above the bold lines are based on the crane strength while those below are based on the crane stability. The foundation, working conditions, etc. should be taken into consideration for actual work.
- 2. Since the working radii are based on the actual values including the deflection of the boom and the tires, operations should be performed in accordance with the working radii.
- 3. The chart below shows the standard number of part lines for each boom length. The load per line should not exceed 3.5t for both the main winch and auxiliary winch.

A	9.5m	16.2m	22.9m	Single top
H	10	7	5	1

A= Boom length H= No. of part-lines

- 4. "Over front" crane operations should be performed only when the AML "over-front area indicator lamp" is lit. The boom must be kept inside a 2 ° area over front of the carrier when performing "Over front" crane operations without the outriggers.

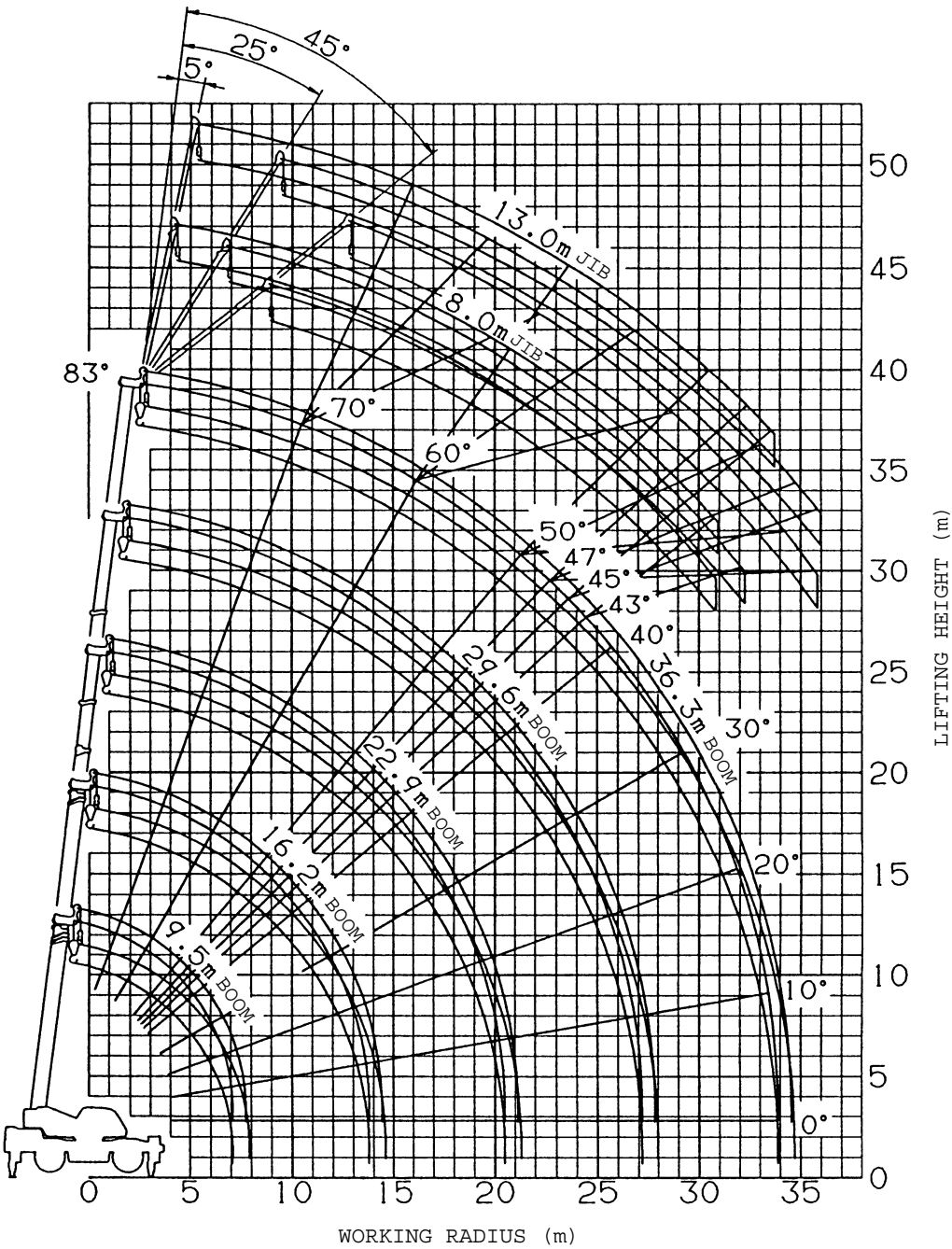
Approx. 2 °



- 5. The total rated load for the single top shall be the value obtained by subtracting the weight of the hook mounted to the boom from the total rated load of the boom and must not exceed 3.5t.
- 6. Free-fall operations should not be performed without outriggers.
Booms over 22.9m in length and jibs should not be used without outriggers.
- 7. The "Drive Mode Selection" switch should be set to "4-wheel•Lo" for creeping while hoisting a load and the shift lever should be set to first.
- 8. When creeping while hoisting a load, the swing brake should be applied, the load should be kept as close to the ground as possible but not touching the ground and the speed should be kept at 1.6km/h or less. In particular, any abrupt steering, starting or braking must be avoided.
- 9. Crane operations should not be performed when creeping while hoisting a load.



WORKING RADIUS - LIFTING HEIGHT



NOTES:

1. The deflection of the boom is not incorporated in the figure above.
2. The figure above is for the case where the outriggers are fully extended (360 °).



TR-350M-3-00101

DIMENSIONS (1/100)

