https://truckmanualshub.com/

ACE

Tower Cranes

https://truckmanualshub.com/

About ACE

Corporate Office

ACE - Action Construction Equipment Limited is India's largest Mobile Crane and Tower Crane manufacturing company. In addition to Tower Cranes, ACE also offers Mobile Cranes, Loaders, Vibratory Roller, Truck Mounted Cranes, Crawler Cranes, Forklifts, Tractors and other Construction Equipment. ACE has a consolidated presence in all major Infrastructure, Construction, Heavy Engineering and Industrial Projects across the country.

The policy of responding with speed and expertise has been rewarded over the years in the form of repeat business, resulting in constant growth of the company and making us one of the leading companies in the Mobile Cranes, Tower Cranes and Construction Equipment sector in the country.

Corporate Office

Another factor driving our growth has been the versatility of our equipment to satisfy a vast range of possible applications. Our equipment has been successfully used in many sectors like Infrastructure Construction, Power, Ports & Shipyards, Dams, Metro Rail, Roads, Mining, Steel, Engineering, Automobile, Railways, Cement, Petroleum, Defence, Chemicals & Fertilizer, Warehousing, Logistics, Building Construction etc., to name a few.

Tower Crane Plant

International Brand Consulting Corp., USA
India's Most Trusted Company 2017

Planman Media
Power Brands India
Super Power Edition 2017-18
India's 70 Most Trusted Power Brands

Equipment India
Best Seller in
Mobile Cranes 2017

https://truckmanualshub.com/

TOWER CRANE RANGE

Model	Maximum Capacity (t)	Free Standing Height (m)	Jib Length (m)	Tip Load (t)	Mast Size L x B x H (m)	Mast Types
TOWER CRANES - SELF ERECTING						
MTC-2418	1.6	24	18	0.55	(-)	
MTC-3625	2.5	36	25	0.80	(-)	
TOWER CRANES - FIXED / INNER CLIMBING / RAIL MOUNTED						
TC 5034	5	34.5	50	1.3	1.2 x 1.2 x 3.0	L12.16
TC 5040	5/6	40.0	50	1.3	1.6 x 1.6 x 2.8	B16.10
TC 5540	5/6	40.0	55	1.0	1.6 x 1.6 x 2.8	B16.10
TC 5040T	5	40.0	50	1.3	1.6 x 1.6 x 2.8	B16.10
TC 5540T	5	40.0	55	1.0	1.6 x 1.6 x 2.8	B16.10
TC 6040	5/6	40.0	60	1.0	1.6 x 1.6 x 2.8	B16.12
TC 6040B	5/6	40.0	60	1.0	1.6 x 1.6 x 2.8	B16.12
TC 6552	10	51.3	65	2.0	1.83 x 1.83 x 3.0	B18.14
TC 7052-A	12	52.0	70	3.0	2.15 x 2.15 x 3.0	B20.16A
TC 7054	16	52.0	70	3.5	2.15 x 2.15 x 3.0	B20.16B
TC 7059	20	59.0	70	5.2	2.15 x 2.15 x 3.0	B20.16C
TC 7074	25	73.0	70	5.2	2.50 x 2.50 x 5.95	B25.16

Construction Word
Annual Awards 2017
India's Top Challengers
2016-17 Trophy

The Economic Times
Economic Times
Infra Focus – 2017

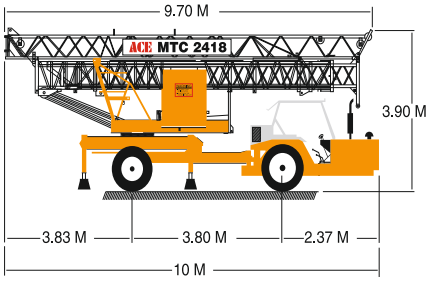
100% Swadeshi

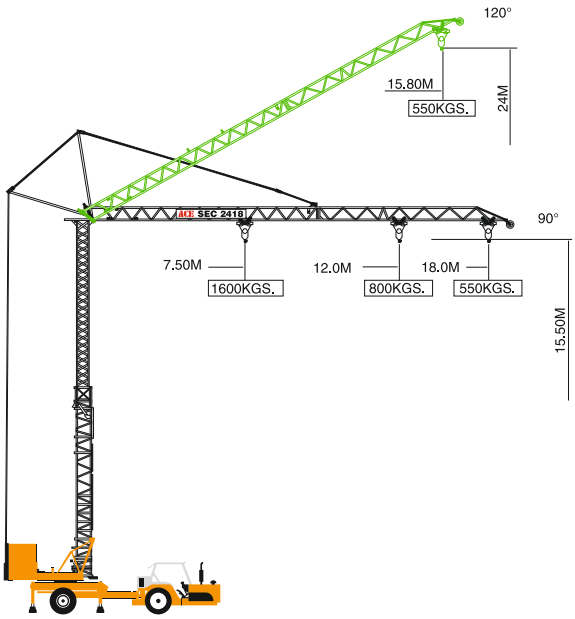
Equipment India
Best seller in
Mobile Cranes Category
2016

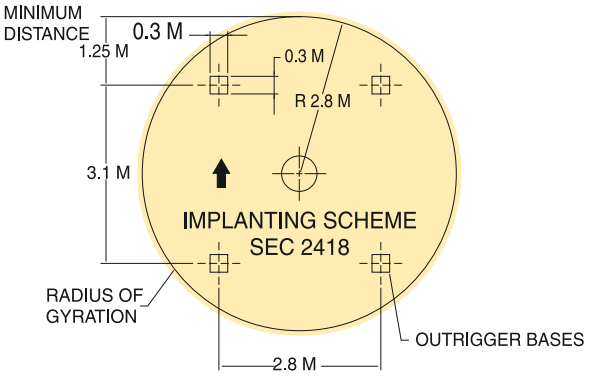
https://truckmanualshub.com/

MTC 2418 Mobile Tower Crane 1.6 t

- MTC-2418 is an **all-terrain, self propelled** mobile tower crane, with a road speed of 25 km/hr. A differential lock enables it to get out of tough spots.
- MTC-2418 is **self erecting/self-folding**. Operations can be easily affected in a few minutes by a single operator through a remote control pod.
- MTC-2418 is **remote controlled**. It facilitates the operator to position himself in such a way that he can see both picking as well as dumping points for precise load positioning.
- A **built-in generator,** driven by the prime mover's engine makes MTC-2418 totally independent of any outside electric source. The crane only uses a part of the power and the generator can be used to supply other electrical equipment like mixers, vibrators and job site lighting systems.
- An articulated chassis and hydraulic steering system enables a very **short turning radius and easy positioning**.
- Stabilizers are of out and down type and can be retracted into the lower chassis to satisfy **road clearance codes**.







ALL DIMENSIONS IN METRES ±5%

Horizontal jib position	Height Length Capacity	15.5 mtrs. 7.5 mtrs. 18 mtrs. 1600 Kgs. 550 Kgs.
Raised jib position	Height Length Capacity	24 mtrs. 7.2 mtrs. 15.8 mtrs. 1600 Kgs. 550 Kgs.
Speed	Trolleying Hoisting Slewing	33m/min. 15m/min. & 30m/min. 1 RPM
Electrical motors	Trolleying Hoisting Slewing	1.5 H.P. 7.5 H.P. 2.0 H.P.
Electric Power		10.25 KVA
Engine (Prime mover)		Four cylinder, water cooled, diesel engine developing 49 BHP at 2300 RPM. Model A498
Generator Power Developed		20 KVA
Total weight with Ballast		13500 Kgs.
Total weight without Ballast		8700 Kgs.
Transportation Dimensions	Width Length Height	2.5 mtrs. 10 mtrs. 3.9 mtrs.
Front axle load		5300 Kgs.
Rear axle load		8200 Kgs.
Safety device		• Circuit breakers • Overload limit switch • Moment limit switch • Hoist limit switch • Trolley limit switch
Variant Model		**MTC 2418 T** Mounted on a towable trailer without prime mover.

MTC 2418

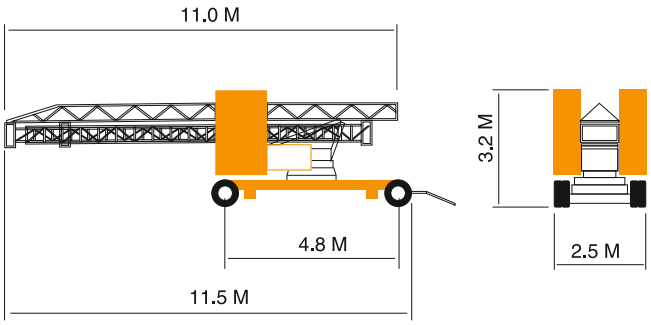
MTC 2418 T - Mounted on a towable trailer

https://truckmanualshub.com/

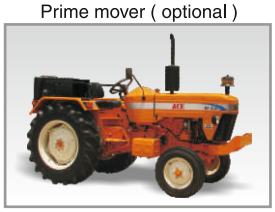
ACE INDIA'S NO. 1 CRANE BRAND

MTC 3625 Mobile Tower Crane 2.5 t

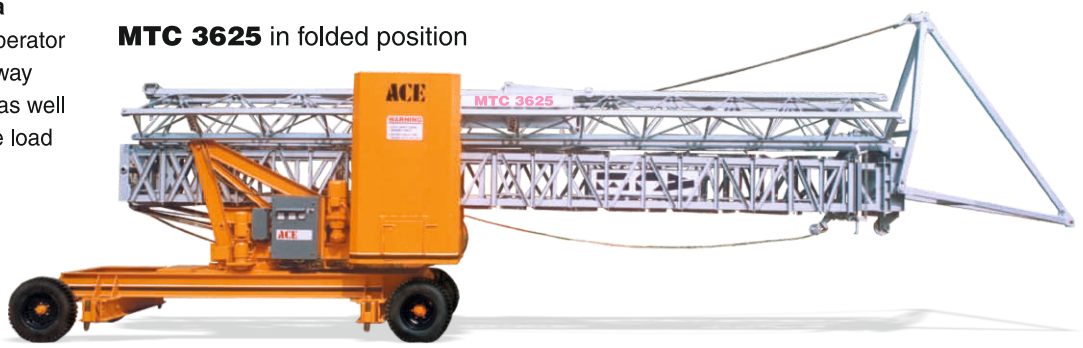
- MTC-3625 is a **self erecting/self folding** mobile tower crane. Operations can be easily affected by a single operator, through a remote control pod.
- The crane is mounted on a **towable type trailer** with compact dimensions for easy transportation.
- MTC-3625 is **controlled by a remote**. This facilitates the operator to position himself in such a way that he can see both picking as well as dumping points for precise load positioning.
- To minimise dead weight for long distance transportation, the counter weight box is designed with trap doors to enable **general ballast use as counter weight**.
- The chassis design enables a short turning radius and **easy positioning**.
- Stabilizers are out and down type and can be reiterated into the lower chassis to satisfy **road clearance codes**.
- **An optional prime mover with a built-in 25KVA** generator, makes. MTC-3625 totally independent of any outside electric source and a separate carrier vehicle. The crane uses only a part of the power and the generator can be used for other site equipment like mixers, vibrators and job site lighting systems.

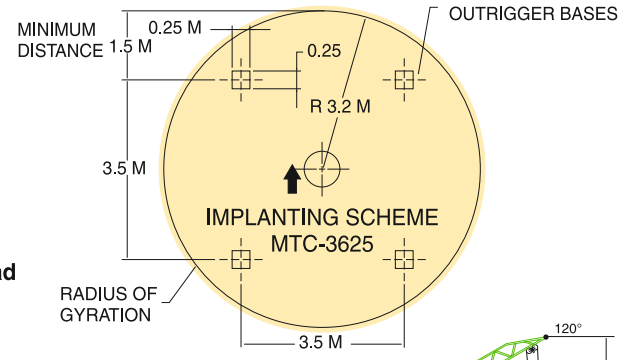


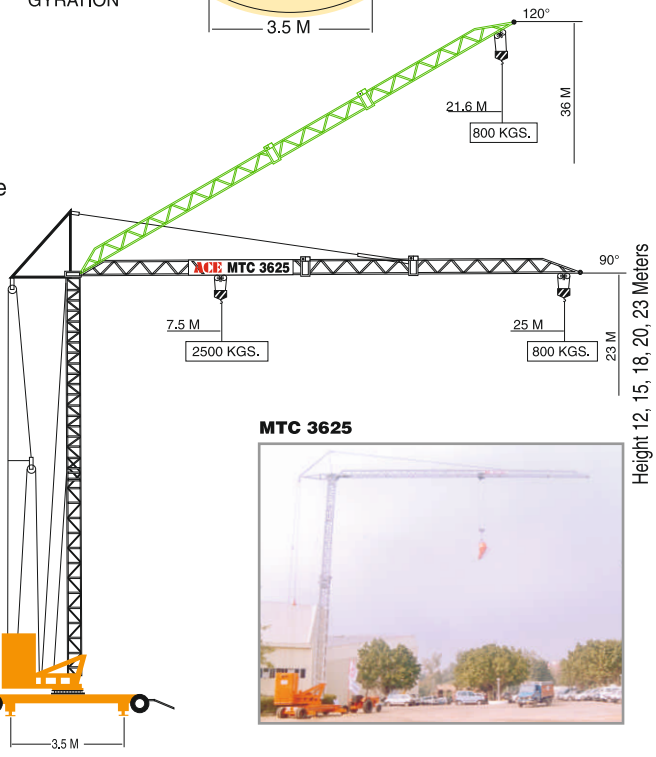
Prime mover (optional)



MTC 3625 in folded position







MTC 3625

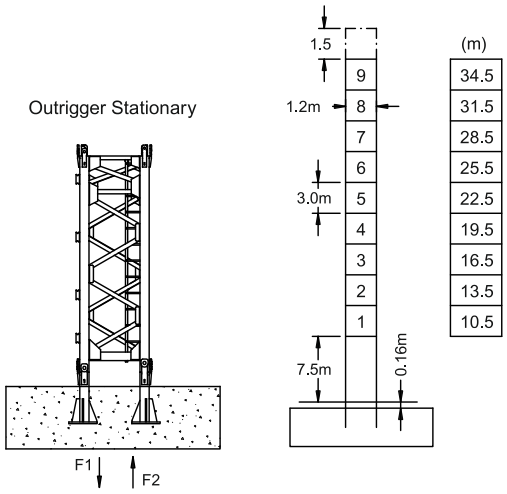
Horizontal jib position	Height Reach Capacity	23 mtrs. 7.5 mtrs. 25 mtrs. 2500 Kgs. 800 Kgs.
Raised jib position	Height Reach Capacity	36 mtrs. 7.2 mtrs. 21.6 mtrs. 2500 Kgs. 800 Kgs.
Speed	Trolleying Hoisting Slewing	30m/min. 20m/min. & 40m/min. 1 RPM
Electrical motors	Trolleying Hoisting Slewing	1.5 H.P. 10.0 H.P. 2.0 H.P.
Electric Power		12.5 KVA
Total weight with Ballast		17000 Kgs.
Total weight without Ballast		8000 Kgs.
Transportation Dimensions	Width Length Height	2.5 mtrs. 11.5 mtrs. 3.2 mtrs.
Safety device		• Vfd • Circuit breakers • Overload limit switch • Moment limit switch • Hoist limit switch • Trolley limit switch
Optional		Prime mover fitted with 49 BHP, water cooled diesel engine and a 25 KVA alternator.

https://truckmanualshub.com/

TC 5034 Tower Crane 5 t

Load Capacity

	Radius (m)	15	17	20	22	25	28	30	32	35	40	45	50
Jib Length 50m	Hoisting Load (t)	5.00	4.30	3.60	3.20	2.70	2.50	2.40	2.20	2.00	1.70	1.50	1.30
		2.50											
Jib Length 45m	Hoisting Load (t)	5.00	4.60	3.80	3.40	2.90	2.50	2.50	2.40	2.20	1.85	1.59	
		2.50											
Jib Length 40m	Hoisting Load (t)	5.00	4.80	3.90	3.50	3.00	2.50	2.50	2.45	2.20	1.92		
		2.50											
Jib Length 35m	Hoisting Load (t)	5.00	4.80	3.90	3.50	3.00	2.75	2.50	2.45	2.20			
		2.50											
Jib Length 30m	Hoisting Load (t)	5.00	4.80	3.90	3.50	3.00	2.75	2.50					
		2.50											
Jib Length 25m	Hoisting Load (t)	5.00	4.80	3.90	3.50	3.10							
		2.50											

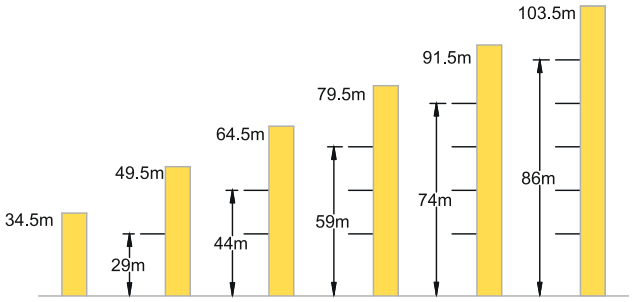


F1	◇ 75t	△ 90t
F2	◇ 55.5t	△ 72.5t

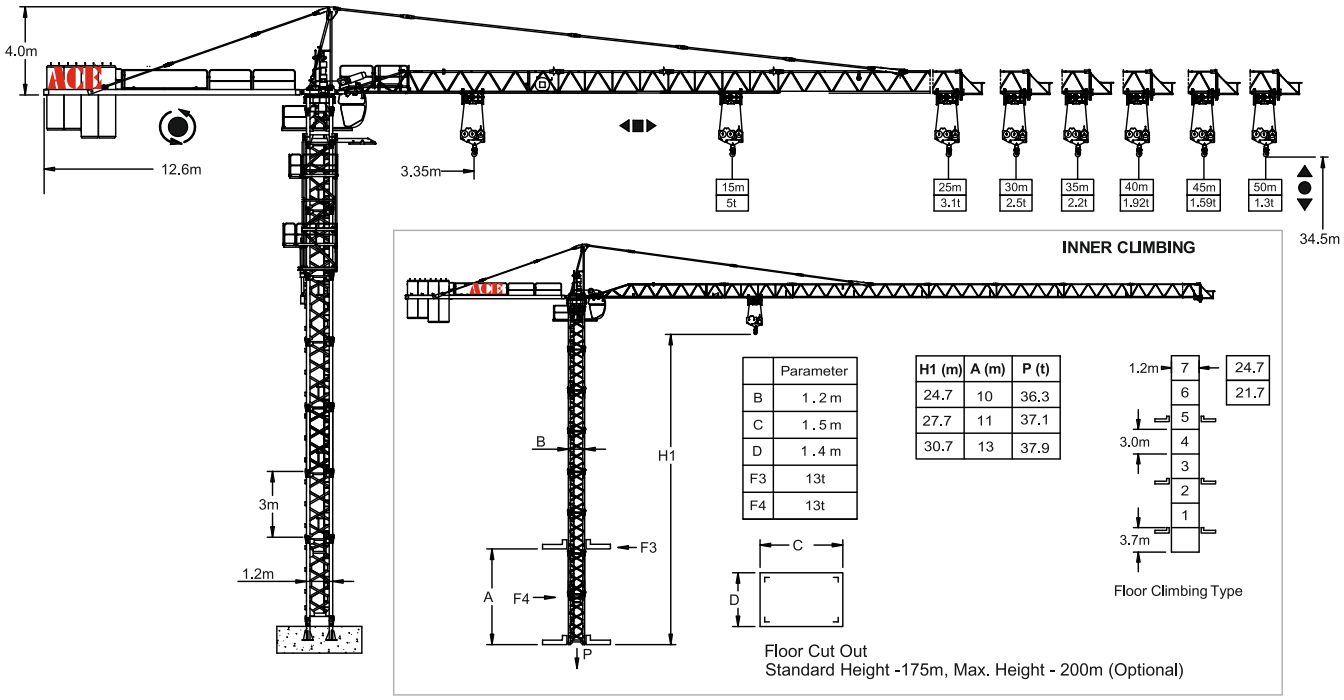
22t

Specifications

Hoisting	No of Falls		7	35	70	3.5	17.5	35
	Speed (m/min)		2.6	2.6	1.3	5.0	5.0	2.6
	Hoisting Load (t)		3.5	18.0	18.0	3.5	18.0	18.0
	Power (kw)							
Slewing		Speed(rpm)	0 ~ 0.8					
		Power(kw)	4					
Trolley		Speed(m/min)	40		20			
		Power(kw)	3.3		2.2			
Climbing		Speed(m/min)	0.55 - 0.7					
		Power(kw)	5.5					
Main Supply		415V / 50Hz						
Electric Power		25.3 kw (31.7 kVA)						



Anchorage Diagram



F Reaction ◇ In Service △ Out of Service Dead weight without load and counter weights but with longest jib and free standing height.

P - Vertical load

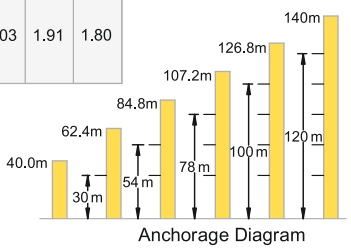
https://truckmanualshub.com/

ACE INDIA'S NO.1 CRANE BRAND

TC 5040 Tower Crane — 5 t

Load Capacity

Jib Length 50m	Radius (m)	2.5~16	18	20	22	24	26	28	30	32	34	36	38	40	42	44	46	48	50
	Hoisting Load (t)	5.00	4.56	4.04	3.62	3.27	2.97	2.72	2.50	2.31	2.15	2.00	1.87	1.75	1.64	1.54	1.46	1.37	1.30
		2.50																	
Jib Length 44m	Radius (m	2.5~18	20	22	24	26	28	30	32	34	36	38	40	42	44				
	Hoisting Load (t)	5.00	4.62	4.14	3.74	3.41	3.13	2.88	2.67	2.48	2.31	2.16	2.03	1.91	1.80				
		2.50																	
Jib Length 38m,32m, 26m	Radius (m)	2.5~18	20	22	24	26	28	30	32	34	36	38							
	Hoisting Load (t)	5.00	4.88	4.38	3.96	3.61	3.31	3.05	2.83	2.63	2.46	2.30							
		2.50																	



Anchorage Diagram

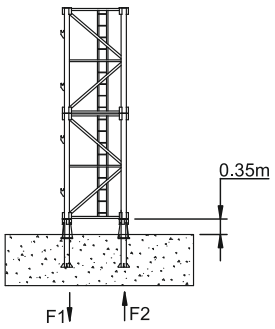
Note:-

TC 5040 is also available with 32 Mtrs & 26 Mtrs Jib length optionally

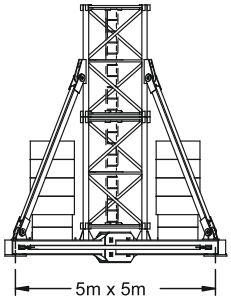
Specifications

Hoisting	No of Falls						
	Speed (m/min)	11.75	40	80	5.87	20	40
	Hoisting Load (t)	2.5	2.5	1.28	5	5	2.56
	Power (kw)	5	18	18	5	18	18
Slewing	Speed(rpm)	0 ~ 0.6					
	Power(kw)	5.5					
Trolley	Speed(m/min)	40		20			
	Power(kw)	3.3		2.2			
Climbing	Speed(m/min)	0.55 - 0.7					
	Power(kw)	5.5					
Main Supply		415V / 50Hz					
Electric Power		26.8kw (33.5kVA)					
Optional	6 Ton Max. Capacity Mechanism at 14.16m						

Outrigger Stationary

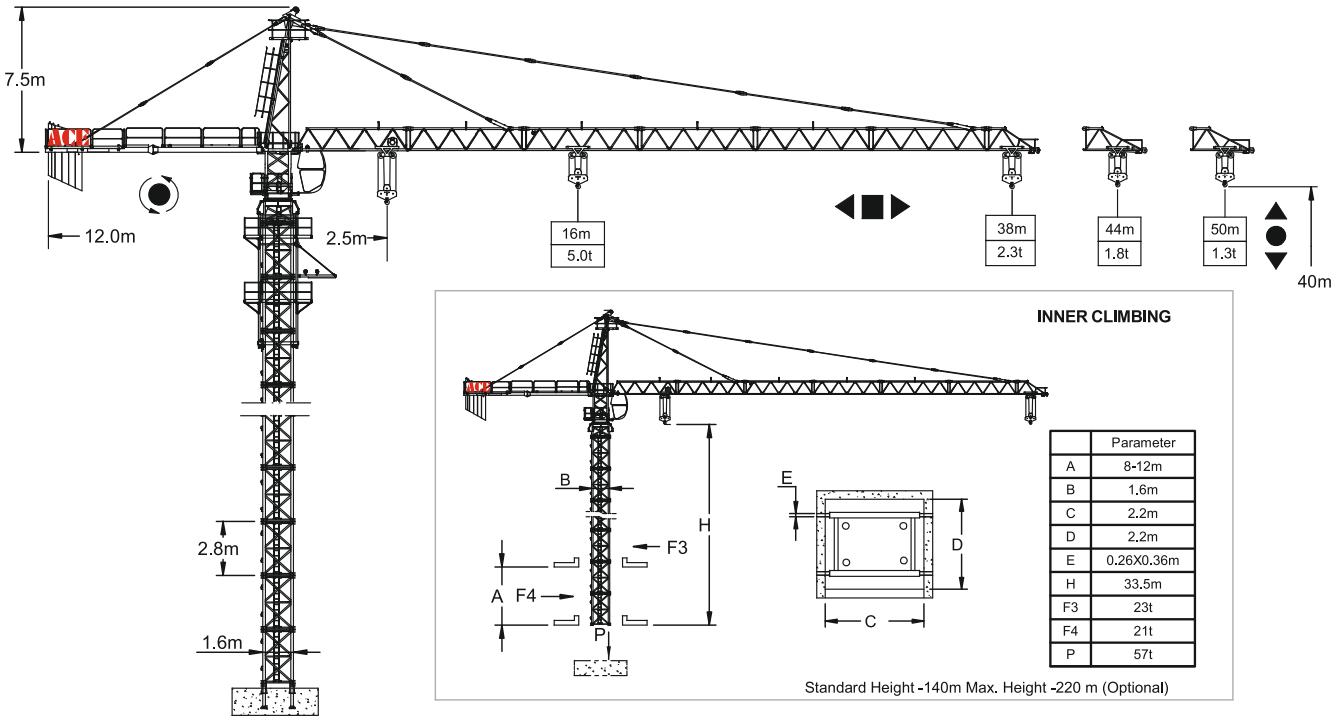


Chassis Stationary/Rail Mounted



F1	◇ 68t	△ 86t
F2	◇ 46t	△ 71t

31t



	Parameter
A	8-12m
B	1.6m
C	2.2m
D	2.2m
E	0.26X0.36m
H	33.5m
F3	23t
F4	21t
P	57t

Standard Height -140m Max. Height -220 m (Optional)

F Reaction ◇ In Service △ Out of Service Dead weight without load and counter weights but wth longest jib and free standing height.

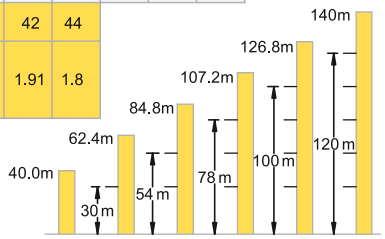
P - Vertical load

https://truckmanualshub.com/

TC 5540 Tower Crane 5 t

Load Capacity

Jib Length 55m	Radius (m)		2.5~13.64	16	18	22	24	26	28	30	32	34	36	38	40	42	44	46	48	50	53	55
	Hoisting Load (t)		5.00	4.70	3.90	3.24	2.93	2.66	2.43	2.24	2.06	1.91	1.78	1.66	1.55	1.46	1.37	1.29	1.21	1.15	1.06	1.00
			2.50																			
Jib Length 50m	Radius (m)		2.5~16		18	22	24	26	28	30	32	34	36	38	40	42	44	46	48	50		
	Hoisting Load (t)		5.00		4.56	3.62	3.27	2.97	2.72	2.48	2.31	2.15	2.00	1.87	1.75	1.64	1.54	1.46	1.37	1.30		
			2.50																			
Jib Length 44m	Radius (m)		2.5~18			22	24	26	28	30	32	34	36	38	40	42	44					
	Hoisting Load (t)		5.00			4.14	3.74	3.43	3.13	2.88	2.67	2.48	2.31	2.16	2.03	1.91	1.8					
			2.50																			
Jib Length 38m	Radius (m)		2.5~18			22	24	26	28	30	32	34	36	38								
	Hoisting Load (t)		5.00			4.38	3.96	3.61	3.31	3.05	2.83	2.63	2.46	2.30								
			2.50																			

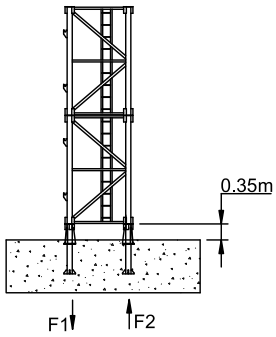


Anchorage Diagram

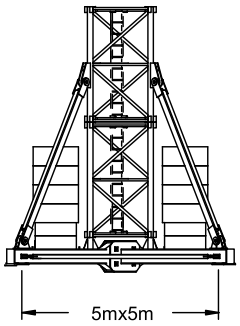
Specifications

Hoisting	No of Falls							
	Speed (m/min)		11.75	40	80	5.87	20	40
	Hoisting Load (t)		2.5	2.5	1.28	5	5	2.56
	Power (kw)		5	18	18	5	18	18
Slewing		Speed(rpm)	0 ~ 0.6					
		Power(kw)	2 x 2.2					
Trolley		Speed(m/min)	40			20		
		Power(kw)	3.3			2.2		
Climbing		Speed(m/min)	0.55 - 0.7					
		Power(kw)	5.5					
Main Supply		415V / 50Hz						
Electric Power		25.7kw (32.1 kVA)						
Variant Model		6 Ton Max. Capacity Mechanism at 13.64m						

Outrigger Stationary

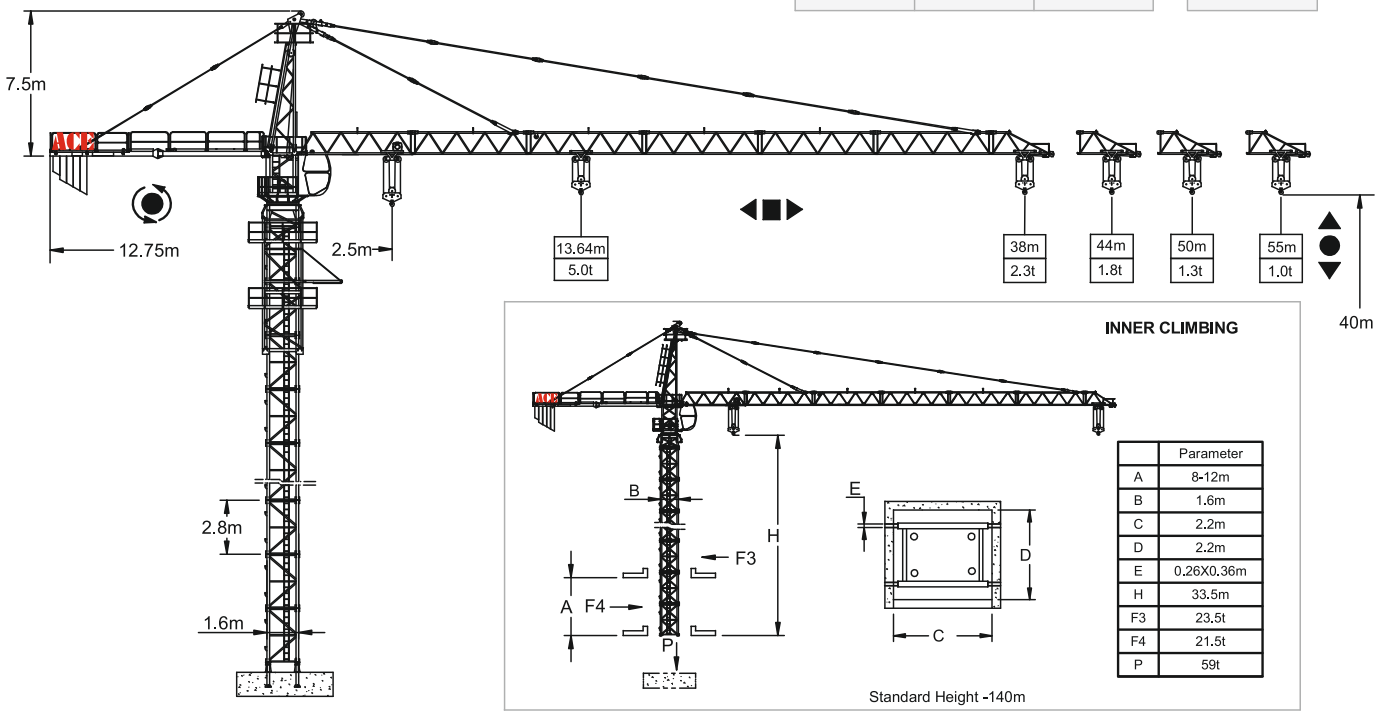


Chassis Stationary/Rail Mounted



F1	◇ 72t	△ 86t
F2	◇ 43t	△ 66t

32 t



	Parameter
A	8-12m
B	1.6m
C	2.2m
D	2.2m
E	0.26X0.36m
H	33.5m
F3	23.5t
F4	21.5t
P	59t

F Reaction ◇ In Service △ Out of Service Dead weight without load and counter weights but with longest jib and free standing height.

P - Vertical Load

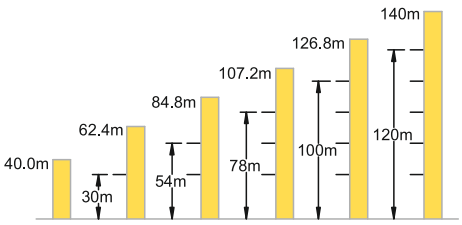
https://truckmanualshub.com/

ACE INDIA'S NO.1 CRANE BRAND

TC 5040-T Flat Top Tower Crane 5 t

Load Capacity

Jib Length 50m	Radius (m)	2.8~15	18	20	22	25	28	30	32	35	38	40	42	45	48	50
	Hoisting Load (t)	5.00	4.51	3.87	3.54	2.98	2.62	2.39	2.21	1.91	1.75	1.66	1.52	1.42	1.30	1.23
		2.50							2.28	1.98	1.82	1.73	1.59	1.49	1.37	1.30
Jib Length 45m,40m	Radius (m)	2.8~15	18	20	22	25	28	30	32	35	38	40	42	45		
	Hoisting Load (t)	5.00	4.62	4.12	3.63	3.17	2.70	2.55	2.31	2.11	1.82	1.78	1.60	1.53		
		2.50							2.38	2.18	1.89	1.85	1.67	1.60		
Jib Length 35m	Radius (m)	2.8~18	20	22	25	28	30	32	35							
	Hoisting Load (t)	5.00	4.42	3.91	3.41	3.01	2.75	2.55	2.28							
		2.50							2.35							
Jib Length 30m,25m, 20m	Radius (m)	2.8~18	20	22	25	28	30									
	Hoisting Load (t)	5.00	4.70	4.26	3.63	3.21	2.93									
		2.50														

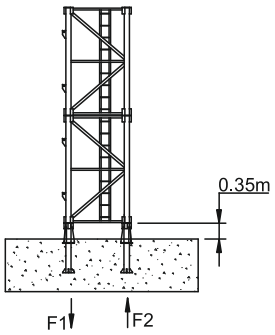


Anchorage Diagram

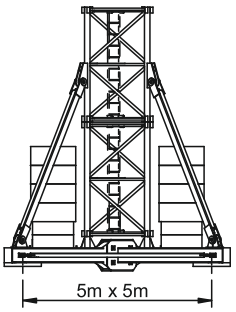
Specifications

Hoisting	No of Falls							
	Speed (m/min)	11.75	40	80	5.87	20	40	
	Hoisting Load (t)	2.5	2.5	1.28	5	5	2.56	
	Power (kw)	5	18	18	5	18	18	
Slewing	Speed(rpm)	0 ~ 0.6						
	Power(kw)	5.5						
Trolley	Speed(m/min)	40		20				
	Power(kw)	3.3		2.2				
Climbing	Speed(m/min)	0.55 - 0.7						
	Power(kw)	5.5						
Main Supply	415V / 50Hz							
Electric Power	26.8kw (33.5 kVA)							
Variant Model	6 Ton Max. Capacity Mechanism at 14.16m							

Outrigger Stationary

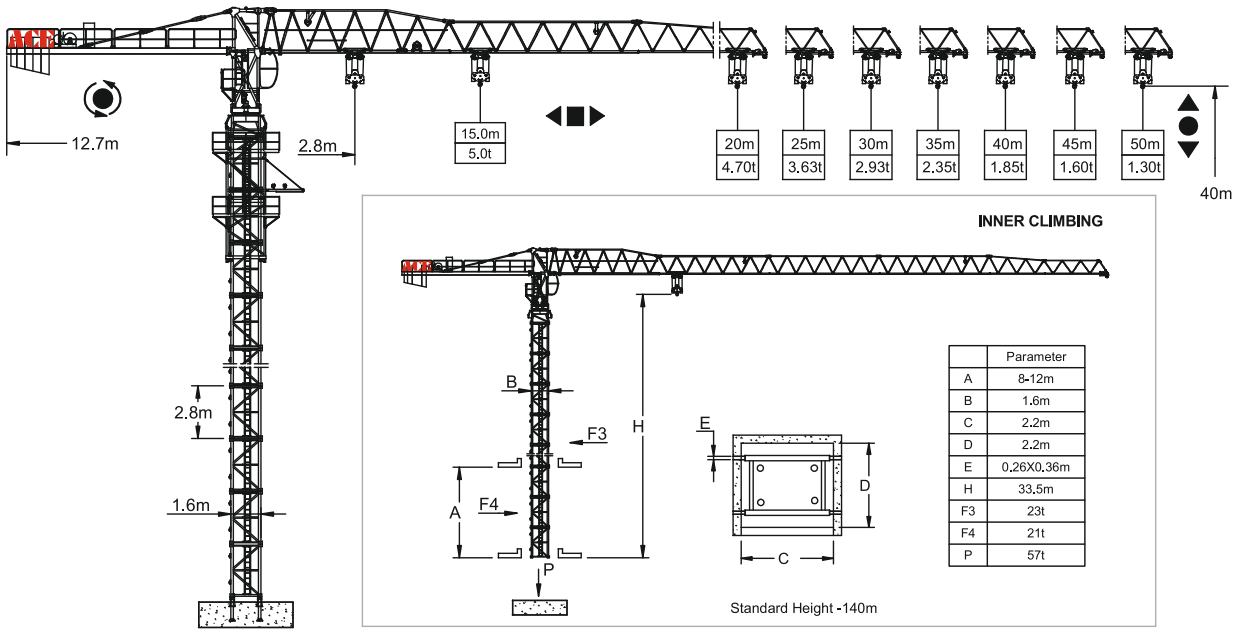


Chassis Stationary/Rail Mounted



F1	◇ 59t	△ 75t
F2	◇ 81t	△ 97t

32.0t



	Parameter
A	8-12m
B	1.6m
C	2.2m
D	2.2m
E	0.26X0.36m
H	33.5m
F3	23t
F4	21t
P	57t

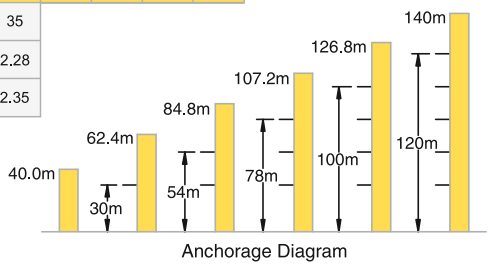
F Reaction ◇ In Service △ Out of Service Dead weight without load and counter weights but with longest jib and free standing height.
P - Vertical Load

https://truckmanualshub.com/

TC 5540-T Flat Top Tower Crane 5 t

Load Capacity

Jib Length 55m	Radius (m)	2.8~15	18	20	22	25	28	30	32	35	38	40	42	45	48	50	52	55
	Hoisting Load (t)	5.00	4.26	3.67	3.34	2.87	2.46	2.27	2.07	1.85	1.63	1.53	1.41	1.29	1.16	1.09	1.02	0.93
		2.50						2.34	2.14	1.91	1.70	1.60	1.48	1.35	1.23	1.16	1.09	1.00
Jib Length 50m	Radius (m)	2.8~15	18	20	22	25	28	30	32	35	38	40	42	45	48	50		
	Hoisting Load (t)	5.00	4.51	3.87	3.54	2.98	2.62	2.39	2.21	1.91	1.75	1.66	1.52	1.42	1.30	1.23		
		2.50							2.28	1.98	1.82	1.73	1.59	1.49	1.37	1.30		
Jib Length 45m,40m	Radius (m)	2.8~15	18	20	22	25	28	30	32	35	38	40	42	45				
	Hoisting Load (t)	5.00	4.62	4.12	3.63	3.17	2.70	2.55	2.31	2.11	1.82	1.78	1.60	1.53				
		2.50							2.38	2.18	1.89	1.85	1.67	1.60				
Jib Length 35m	Radius (m)	2.8~18	20	22	25	28	30	32	35									
	Hoisting Load (t)	5.00	4.42	3.91	3.41	3.01	2.75	2.55	2.28									
		2.50							2.35									
Jib Length 30m,25m, 20m	Radius (m)	2.8~18	20	22	25	28	30											
	Hoisting Load (t)	5.00	4.70	4.26	3.63	3.21	2.93											
		2.50																

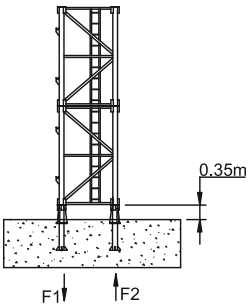


Anchorage Diagram

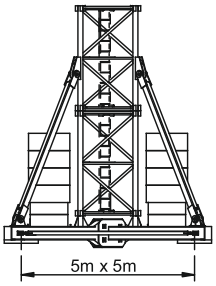
Specifications

Hoisting	No of Falls						
	Speed (m/min)	11.75	40	80	5.87	20	40
	Hoisting Load (t)	2.5	2.5	1.28	5	5	2.56
	Power (kw)	5	18	18	5	18	18
Slewing	Speed(rpm)	0 ~ 0.6					
	Power(kw)	2 x 2.2					
Trolley	Speed(m/min)	40		20			
	Power(kw)	3.3		2.2			
Climbing	Speed(m/min)	0.55 - 0.7					
	Power(kw)	5.5					
Main Supply		415V / 50Hz					
Electric Power		25.7kw (32.1 kVA)					
Variant Model		6 Ton Max. Capacity Mechanism at 13.5m					

Outrigger Stationary

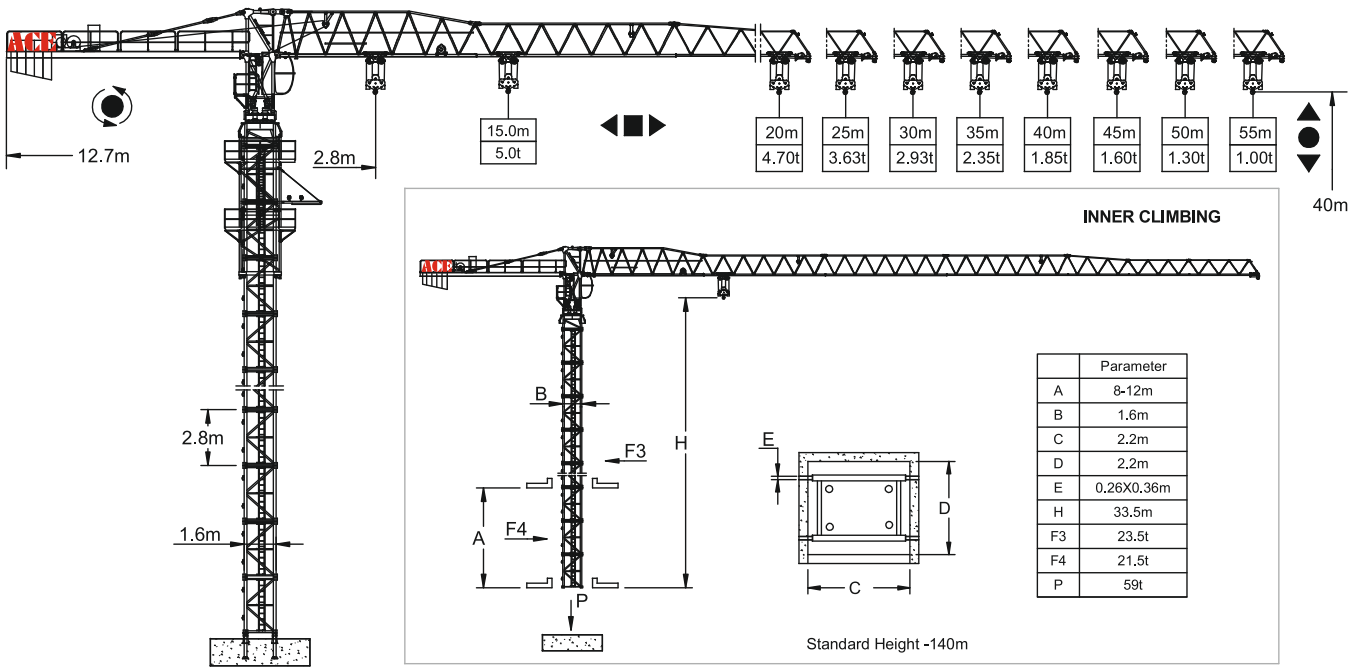


Chassis Stationary/Rail Mounted



F1	◇ 59t	△ 75t
F2	◇ 81t	△ 97t

32.9t



	Parameter
A	8-12m
B	1.6m
C	2.2m
D	2.2m
E	0.26X0.36m
H	33.5m
F3	23.5t
F4	21.5t
P	59t

F Reaction ◇ In Service △ Out of Service Dead weight without load and counter weights but with longest jib and free standing height.
P - Vertical Load

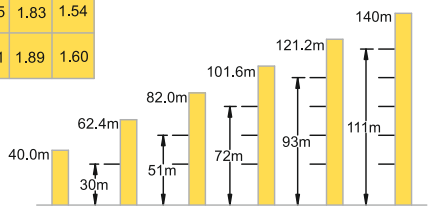
https://truckmanualshub.com/

ACE INDIA'S NO.1 CRANE BRAND

TC 6040 Tower Crane — 5 t

Load Capacity

Jib Length 60m	Radius (m)		2.5~16	18	20	22	24	26	28	30	32	34	36	38	40	42	44	46	48	50	54	56	60
	Hoisting Load (t)		5.00	4.40	3.90	3.48	3.14	2.85	2.61	2.40	2.21	2.05	1.91	1.78	1.66	1.56	1.46	1.38	1.30	1.23	1.10	1.08	0.94
			2.50								2.27	2.11	1.97	1.84	1.72	1.62	1.52	1.44	1.36	1.29	1.16	1.14	1.00
Jib Length 54m	Radius (m)		2.5~16	18	20	22	24	26	28	30	32	34	36	38	40	42	44	46	48	54			
	Hoisting Load (t)		5.00	4.83	4.28	3.83	3.46	3.15	2.88	2.65	2.45	2.27	2.12	1.98	1.85	1.74	1.64	1.54	1.46	1.24			
			2.50									2.33	2.18	2.04	1.91	1.80	1.70	1.60	1.52	1.30			
Jib Length 48m	Radius (m)		2.5~18	20	22	24	26	28	30	32	34	36	38	40	42	48							
	Hoisting Load (t)		5.00	4.48	4.01	3.63	3.30	3.02	2.78	2.57	2.39	2.23	2.08	1.95	1.83	1.54							
			2.50									2.29	2.14	2.01	1.89	1.60							
Jib Length 42m	Radius (m)		2.5~18	20	22	24	26	28	30	32	34	36	42										
	Hoisting Load (t)		5.00	4.48	4.01	3.63	3.30	3.02	2.78	2.57	2.39	2.23	1.83										
			2.50									2.29	1.90										

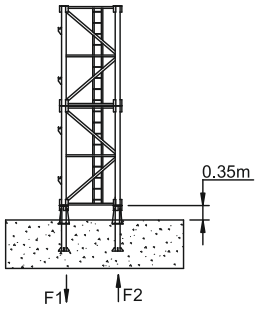


Anchorage Diagram

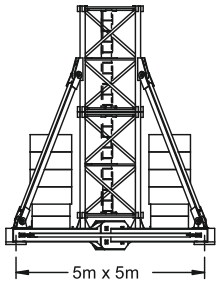
Specifications

Hoisting	No of Falls						
	Speed (m/min)	11.75	40	80	5.87	20	40
	Hoisting Load (t)	2.5	2.5	1.28	5	5	2.56
	Power (kw)	5	18	18	5	18	18
Slewing	Speed(rpm)	0 ~ 0.6					
	Power(kw)	2 x 2.2					
Trolley	Speed(m/min)	20		40			
	Power(kw)	2.2		3.3			
Climbing	Speed(m/min)	0.55 - 0.7					
	Power(kw)	7.5					
Main Supply	415V / 50Hz						
Electric Power	25.7 kw (32.1kVA)						
Variant Model	6 Ton Max. Capacity Mechanism at 13.76m						

Outrigger Stationary

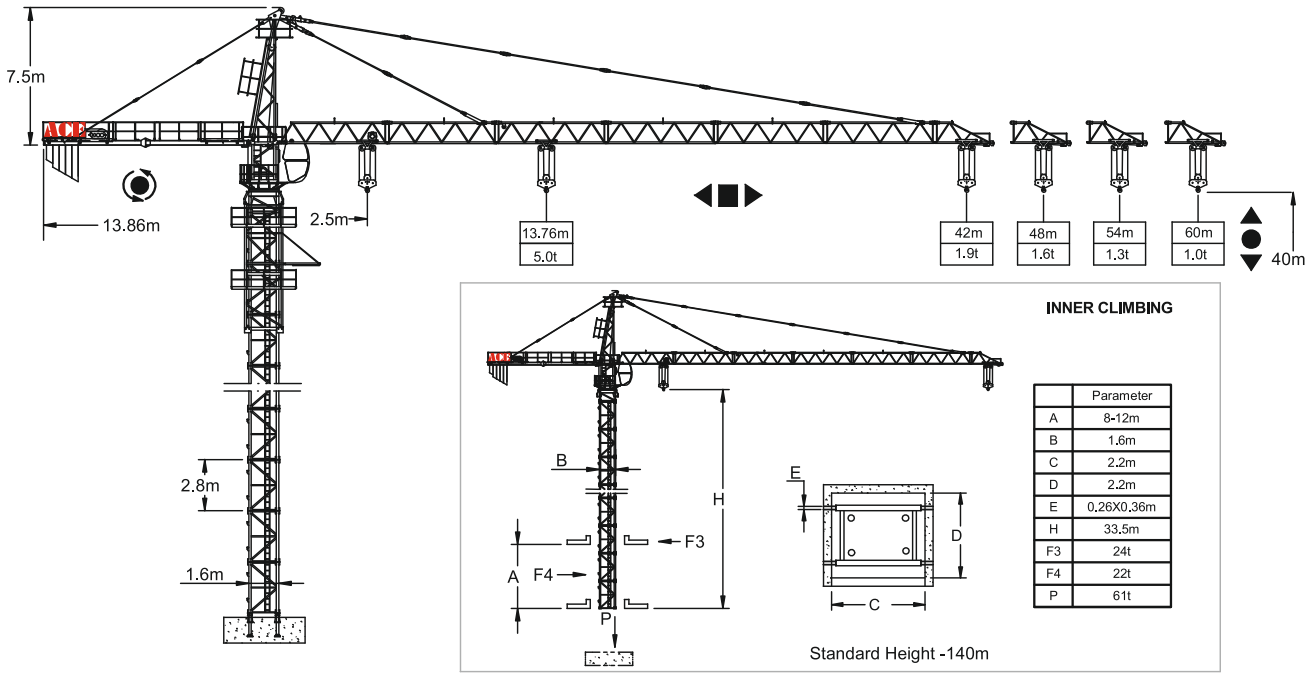


Chassis Stationary/Rail Mounted



F1	◇ 80t	△ 95t
F2	◇ 60t	△ 74t

34.5t



	Parameter
A	8-12m
B	1.6m
C	2.2m
D	2.2m
E	0.26X0.36m
H	33.5m
F3	24t
F4	22t
P	61t

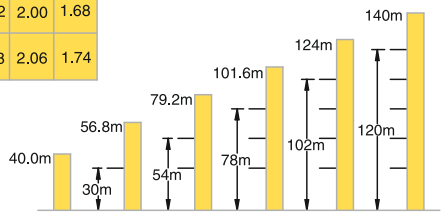
F Reaction ◇ In Service △ Out of Service Dead weight without load and counter weights but wth longest jib and free standing height.
P - Vertical Load

https://truckmanualshub.com/

TC 6040B Tower Crane 5 t

Load Capacity

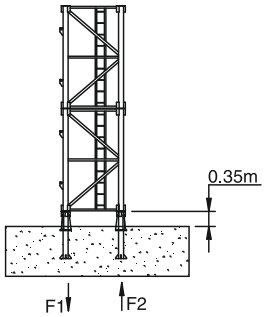
Jib Length 60m	Radius (m)	2.5~18	20	22	24	26	28	30	32	34	36	38	40	42	44	46	48	50	54	60
	Hoisting Load (t)	5.00	4.51	4.04	3.65	3.32	3.04	2.80	2.59	2.41	2.24	2.10	1.97	1.85	1.74	1.64	1.55	1.47	1.32	1.14
		2.50									2.30	2.16	2.03	1.91	1.80	1.70	1.61	1.53	1.38	1.20
Jib Length 54m	Radius (m)	2.5~19	20	22	24	26	28	30	32	34	36	38	40	42	44	46	48	54		
	Hoisting Load (t)	5.00	4.83	4.33	3.92	3.57	3.27	3.02	2.79	2.60	2.42	2.26	2.12	2.00	1.88	1.78	1.68	1.44		
		2.50										2.32	2.18	2.06	1.94	1.84	1.74	1.50		
Jib Length 48m	Radius (m)	2.5~19	20	22	24	26	28	30	32	34	36	38	40	42	48					
	Hoisting Load (t)	5.00	4.83	4.33	3.92	3.57	3.27	3.02	2.79	2.60	2.42	2.26	2.12	2.00	1.68					
		2.50										2.32	2.18	2.06	1.74					
Jib Length 42m, 36m	Radius (m)	2.5~19	20	22	24	26	28	30	32	34	36	42								
	Hoisting Load (t)	5.00	4.83	4.33	3.92	3.57	3.27	3.02	2.79	2.60	2.42	2.00								
		2.50										2.06								



Anchorage Diagram

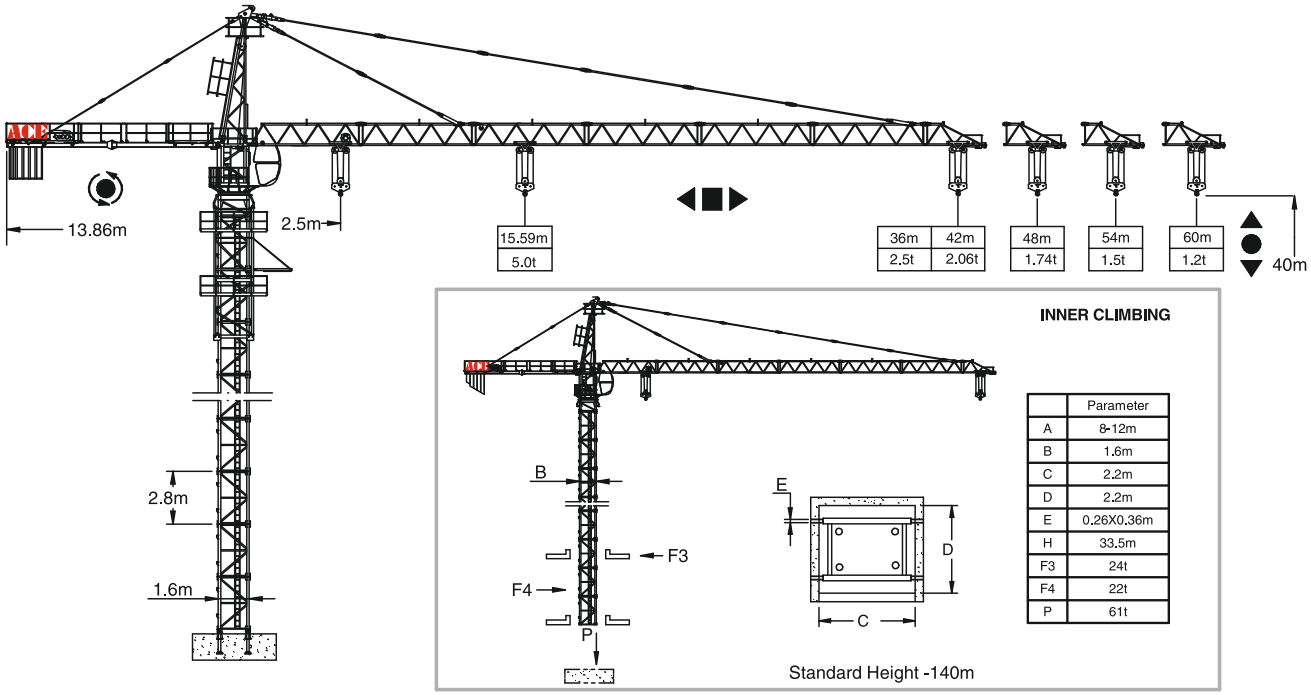
Specifications

Hoisting	No of Falls						
	Speed (m/min)	11.75	40	80	5.87	20	40
	Hoisting Load (t)	2.5	2.5	1.28	5	5	2.56
	Power (kw)	5	18	18	5	18	18
Slewing	Speed(rpm)	0 ~ 0.6					
	Power(kw)	2 x 2.2					
Trolley	Speed(m/min)	20		40			
	Power(kw)	2.2		3.3			
Climbing	Speed(m/min)	0.55 - 0.7					
	Power(kw)	7.5					
Main Supply		415V / 50Hz					
Electric Power		25.7 kw (32.1kVA)					
Variant Model		6 Ton. Max Capacity Mechanism at 15.53 M					



F1	◇ 81t	△ 96t
F2	◇ 61t	△ 75t

34.8t



	Parameter
A	8-12m
B	1.6m
C	2.2m
D	2.2m
E	0.26X0.36m
H	33.5m
F3	24t
F4	22t
P	61t

F Reaction ◇ In Service △ Out of Service Dead weight without load and counter weights but with longest jib and free standing height.
P - Vertical Load

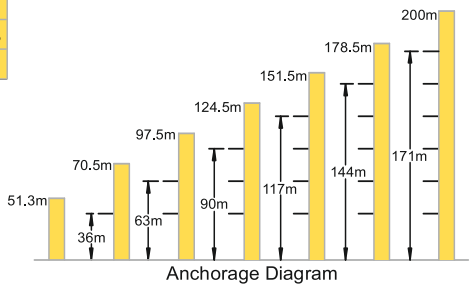
https://truckmanualshub.com/

ACE INDIA'S NO.1 CRANE BRAND

TC 6552 Tower Crane 10 t

Load Capacity

Jib Length 65m	Radius (m)	3.2~15.68	18	20	22	25	28	30	32	35	38	40	42	45	48	50	52	55	58	60	63	65
	Hoisting Load (t)	10.00	8.48	7.47	6.65	5.68	4.92	4.51	4.15	3.68	3.30	3.07	2.87	2.60	2.36	2.22	2.09	1.92	1.76	1.66	1.53	1.45
		5.00							4.70	4.23	3.85	3.62	3.42	3.15	2.91	2.77	2.64	2.47	2.31	2.21	2.08	2.00
Jib Length 60m	Radius (m)	3.2~17.2	18	20	22	25	28	30	32	35	38	40	42	45	48	50	52	55	58	60		
	Hoisting Load (t)	10.00	9.48	8.36	7.45	6.38	5.55	5.09	4.69	4.18	3.75	3.50	3.28	2.98	2.72	2.57	2.42	2.23	2.05	1.95		
		5.00								4.73	4.30	4.05	3.83	3.53	3.27	3.12	2.97	2.78	2.60	2.50		
Jib Length 55m	Radius (m)	3.2~18.27	20	22	25	28	30	32	35	38	40	42	45	48	50	53	55					
	Hoisting Load (t)	10.00	9.04	8.02	6.70	5.99	5.50	5.07	4.53	4.07	3.81	3.57	3.25	2.97	2.81	2.58	2.45					
		5.00								4.62	4.36	4.12	3.80	3.52	3.36	3.13	3.00					
Jib Length 50m	Radius (m)	3.2~18.88	20	22	25	28	30	32	35	38	40	42	45	48	50							
	Hoisting Load (t)	10.00	9.34	8.35	7.16	6.24	5.74	5.30	4.73	4.26	3.98	3.74	3.41	3.12	2.95							
		5.00								4.81	4.53	4.29	3.96	3.67	3.50							
Jib Length 45m,40m	Radius (m)	3.2~21.1	22	25	28	30	32	35	38	40	42	45										
	Hoisting Load (t)	10.00	9.55	8.22	7.19	6.61	6.11	5.48	4.95	4.64	4.36	3.95										
		5.00									4.65	4.50										

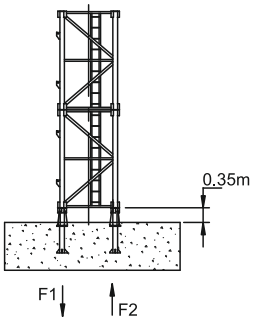


Anchorage Diagram

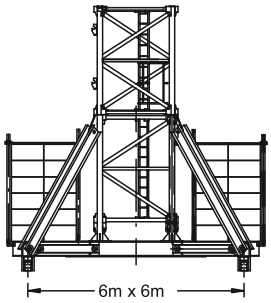
Specifications

Hoisting	No of Falls				
	Speed (m/min)	0 ~ 45	0 ~ 90	0 ~ 22.5	0 ~ 45
	Hoisting Load (t)	5.0	2.5	10.0	5.0
	Power (kw)	45	45	45	45
Slewing	Speed(rpm)	0 ~ 0.6			
	Power(kw)	2 x 5.5			
Trolley	Speed(m/min)	0 ~ 60			
	Power(kw)	5.5			
Climbing	Speed(m/min)	0.6			
	Power(kw)	11			
Main Supply		415V / 50Hz			
Electric Power		61.5kw (76.9kVA)			

Outrigger Stationary

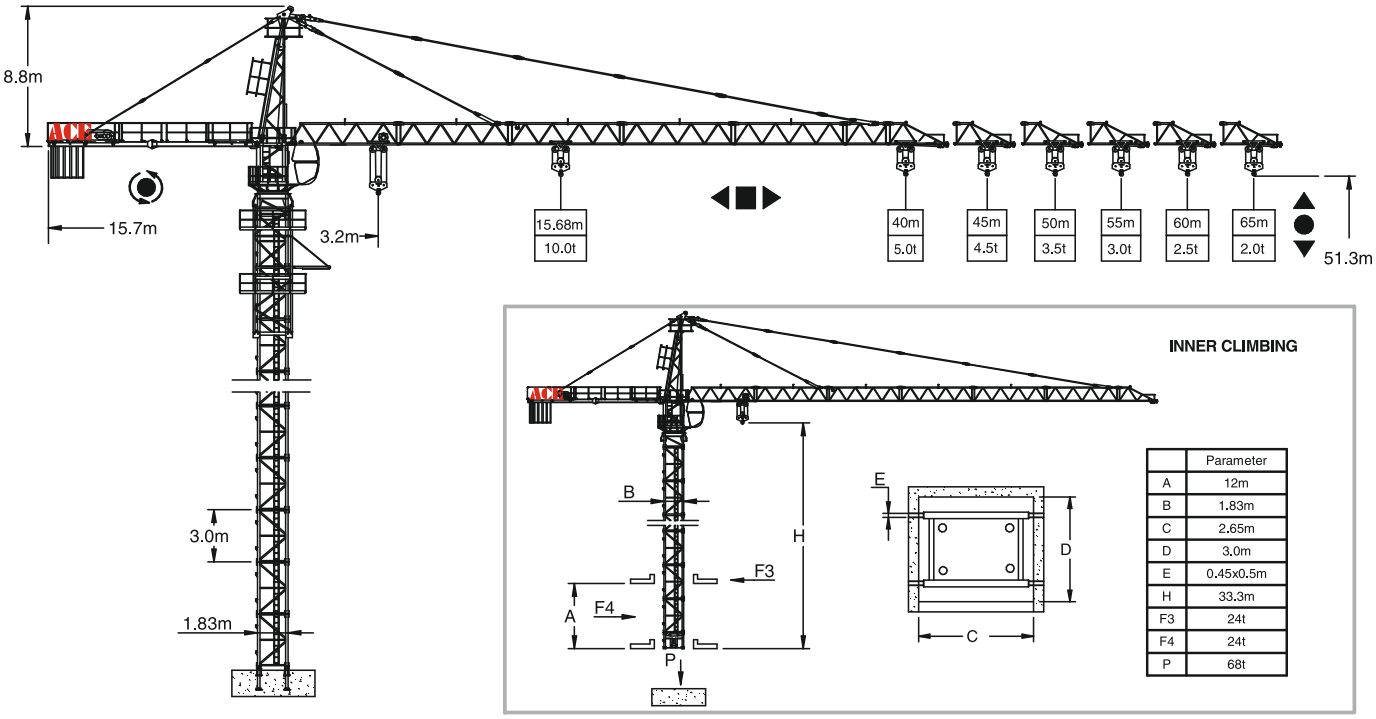


Chassis Stationary/Rail Mounted



F1	◇ 112t	△ 166t
F2	◇ 66t	△ 86t

58t



	Parameter
A	12m
B	1.83m
C	2.65m
D	3.0m
E	0.45x0.5m
H	33.3m
F3	24t
F4	24t
P	68t

F Reaction ◇ In Service △ Out of Service Dead weight without load and counter weights but with longest jib and free standing height.
P Vertical Load

https://truckmanualshub.com/

TC 7052-A Tower Crane 12 t

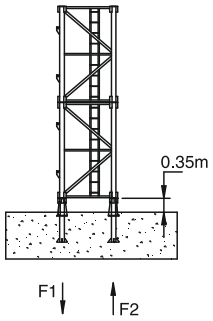
Load Capacity

Jib Length 70m	Radius (m)	3.75~23.0	25	30	35	40	45	50	55	60	65	70
	Hoisting Load (t)	12.00	11.20	8.90	7.34	6.16	5.26	4.55	3.95	3.48	3.07	2.72
		6.00						5.32	4.74	4.26	3.85	3.50
Jib Length 65m	Radius (m)	3.75~25		30	35	40	45	50	55	60	65	
	Hoisting Load (t)	12.00		9.67	7.99	6.74	5.77	5.01	4.38	3.86	3.42	
		6.00						5.78	5.16	4.64	4.20	
Jib Length 60m	Radius (m)	3.75~25		30	35	40	45	50	55	60		
	Hoisting Load (t)	12.00		10.2	8.44	7.14	6.13	5.32	4.67	4.12		
		6.00							5.44	4.90		
Jib Length 55m	Radius (m)	3.75~27		30	35	40	45	50	55			
	Hoisting Load (t)	12.00		10.7	8.85	7.49	6.44	5.60	4.92			
		6.00							5.70			
Jib Length 50m	Radius (m)	3.75~27		30	35	40	45	50				
	Hoisting Load (t)	12.00		11.2	9.41	7.89	6.80	5.92				
		6.00										
Jib Length 45m	Radius (m)	3.75~30			35	40	45					
	Hoisting Load (t)	12.00			10.10	8.60	7.42					
		6.00										
Jib Length 40m	Radius (m)	3.75~30			35	40						
	Hoisting Load (t)	12.00			10.3	8.72						
		6.00										

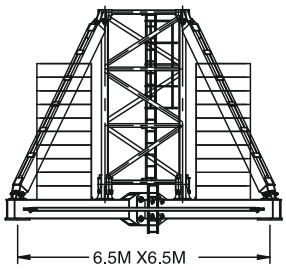
Specifications

Hoisting	No of Falls				
	Speed (m/min)	0 ~ 42.5	0 ~ 85	0 ~ 21.25	0 ~ 42.5
	Hoisting Load (t)	6.0	3.0	12.0	6.0
	Power (kw)	55	55	55	55
Slewing	Speed(rpm)	0 ~ 0.8			
	Power(kw)	2 x 9			
Trolley	Speed(m/min)	0 ~ 58			
	Power(kw)	7.5			
Climbing	Speed(m/min)	0.5			
	Power(kw)	15			
Main Supply	415V / 50Hz				
Electric Power	80.5 kw (100.6kVA)				

Outrigger Stationary

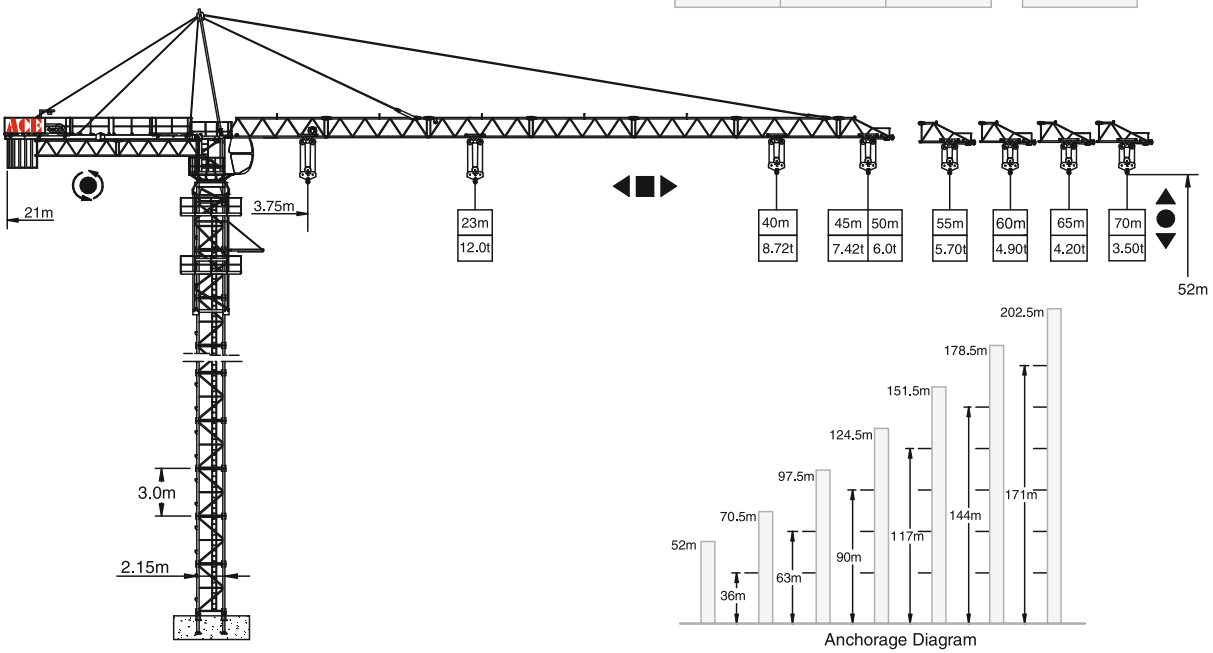


Chassis Stationary/Rail Mounted



F1	◇ 241.8t	△ 237.7t
F2	◇ 184.7t	△ 183.7t

86t



Anchorage Diagram

F Reaction ◇ In Service △ Out of Service 🚗 Dead weight without load and counter weights but wth longest jib and free standing height.
P Vertical Load

https://truckmanualshub.com/

ACE INDIA'S NO. 1 CRANE BRAND

TC 7054 Tower Crane — 16 t

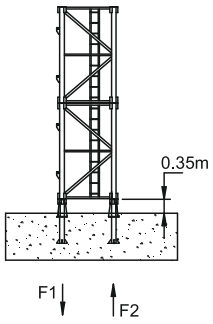
Load Capacity

Jib Length 70m	Radius (m)	3.75~18.0	23	25	30	35	40	45	50	55	60	65	70
	Hoisting Load (t)	16.00	12.30	11.20	8.90	7.34	6.16	5.26	4.55	3.95	3.48	3.07	2.72
		8.00					7.60	6.04	5.32	4.74	4.26	3.85	3.50
Jib Length 65m	Radius (m)	3.75~19.7	23	25	30	35	40	45	50	55	60	65	
	Hoisting Load (t)	16.00	13.30	12.0	9.67	7.99	6.74	5.77	5.01	4.38	3.86	3.42	
		8.00					7.52	6.55	5.78	5.16	4.64	4.20	
Jib Length 60m	Radius (m)	3.75~20.5	23	25	30	35	40	45	50	55	60		
	Hoisting Load (t)	16.00	14.0	12.7	10.2	8.44	7.14	6.13	5.32	4.67	4.12		
		8.00					7.91	6.90	6.10	5.44	4.90		
Jib Length 55m	Radius (m)	3.75~21.3	23	25	30	35	40	45	50	55			
	Hoisting Load (t)	16.00	14.6	13.3	10.7	8.85	7.49	6.44	5.60	4.92			
		8.00						7.22	6.38	5.70			
Jib Length 50m	Radius (m)	3.75~22.2		25	30	35	40	45	50				
	Hoisting Load (t)	16.00		13.9	11.2	9.41	7.89	6.80	5.92				
		8.00						7.57	6.70				
Jib Length 45m	Radius (m)	3.75~23.7		25	30	35	40	45					
	Hoisting Load (t)	16.00		15.10	12.2	10.10	8.60	7.42					
		8.00											
Jib Length 40m	Radius (m)	3.75~24		25	30	35	40						
	Hoisting Load (t)	16.00		15.3	12.3	10.3	8.72						
		8.00											

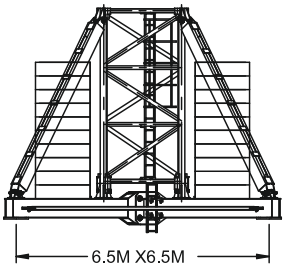
Specifications

Hoisting	No of Falls				
	Speed (m/min)	0 ~ 37.5	0 ~ 75	0 ~ 18.75	0 ~ 37.5
	Hoisting Load (t)	8.0	3.0	16.0	6.0
	Power (kw)	60	60	60	60
Slewing	Speed(rpm)	0 ~ 0.8			
	Power(kw)	2 x 9			
Trolley	Speed(m/min)	0 ~ 58			
	Power(kw)	7.5			
Climbing	Speed(m/min)	0.5			
	Power(kw)	15			
Main Supply	415V / 50Hz				
Electric Power	85.5 kw (106.87kVA)				

Outrigger Stationary

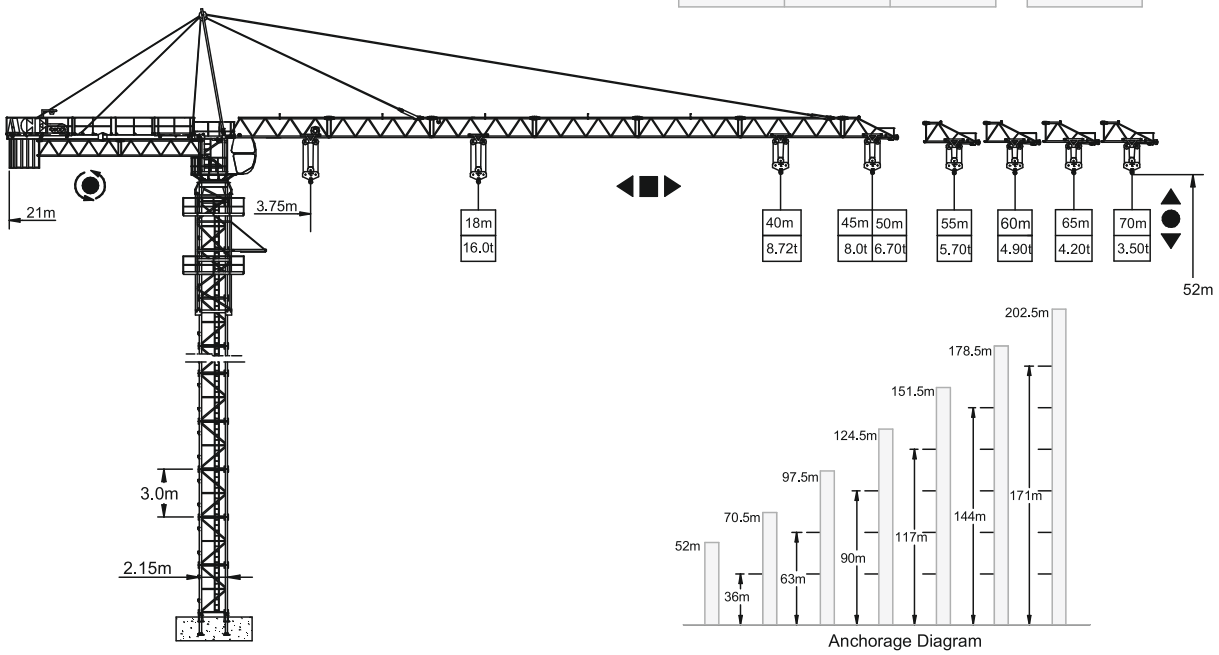


Chassis Stationary/Rail Mounted



F1	◇ 241.8t	△ 237.7t
F2	◇ 184.7t	△ 183.7t

87t



Anchorage Diagram

F Reaction ◇ In Service △ Out of Service Dead weight without load and counter weights but wth longest jib and free standing height.
P Vertical Load

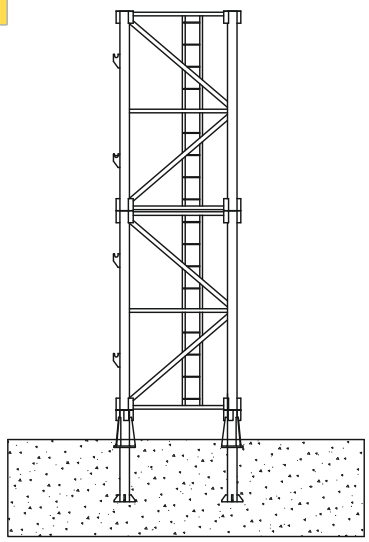
https://truckmanualshub.com/

TC 7059 Tower Crane 20 t

Load Capacity

Jib Length 70m	Radius (m)	3.5~21.19	25	30	35	38	40	43	45	48	50	53	55	58	60	63	65	68	70
	Hoisting Load (t)	20.00	16.42	13.16	10.86	9.78	9.15	8.32	7.83	7.17	6.77	6.24	5.92	5.47	5.20	4.83	4.60	4.29	4.09
		10.00						9.43	8.94	8.28	7.88	7.35	7.03	6.58	6.31	5.94	5.71	5.40	5.20
Jib Length 65m	Radius (m)	3.5~21.72	25	30	35	38	40	43	45	48	50	53	55	58	60	63	65		
	Hoisting Load (t)	20.00	16.92	13.57	11.21	10.10	9.45	8.60	8.10	7.42	7.02	6.47	6.14	5.68	5.41	5.02	4.79		
		10.00						9.71	9.21	8.53	8.13	7.58	7.25	6.79	6.52	6.13	5.90		
Jib Length 60m	Radius (m)	3.5~22.46	25	30	35	38	40	43	45	48	50	53	55	58	60				
	Hoisting Load (t)	20.00	17.62	14.15	11.70	10.55	9.88	9.00	8.48	7.78	7.36	6.79	6.45	5.98	5.69				
		10.00							9.59	8.89	8.47	7.90	7.56	7.09	6.80				
Jib Length 55m	Radius (m)	3.5~22.80	25	30	35	38	40	43	45	48	50	53	55						
	Hoisting Load (t)	20.00	17.94	14.42	11.93	10.76	10.08	9.18	8.65	7.94	7.52	6.94	6.59						
		10.00							9.76	9.05	8.63	8.05	7.70						
Jib Length 50,45, 40m	Radius (m)	3.5~22.96	25	30	35	38	40	43	45	48	50								
	Hoisting Load (t)	20.00	18.09	14.54	12.04	10.86	10.17	9.27	8.74	8.02	7.59								
		10.00							9.85	9.13	8.70								

Outrigger Stationary

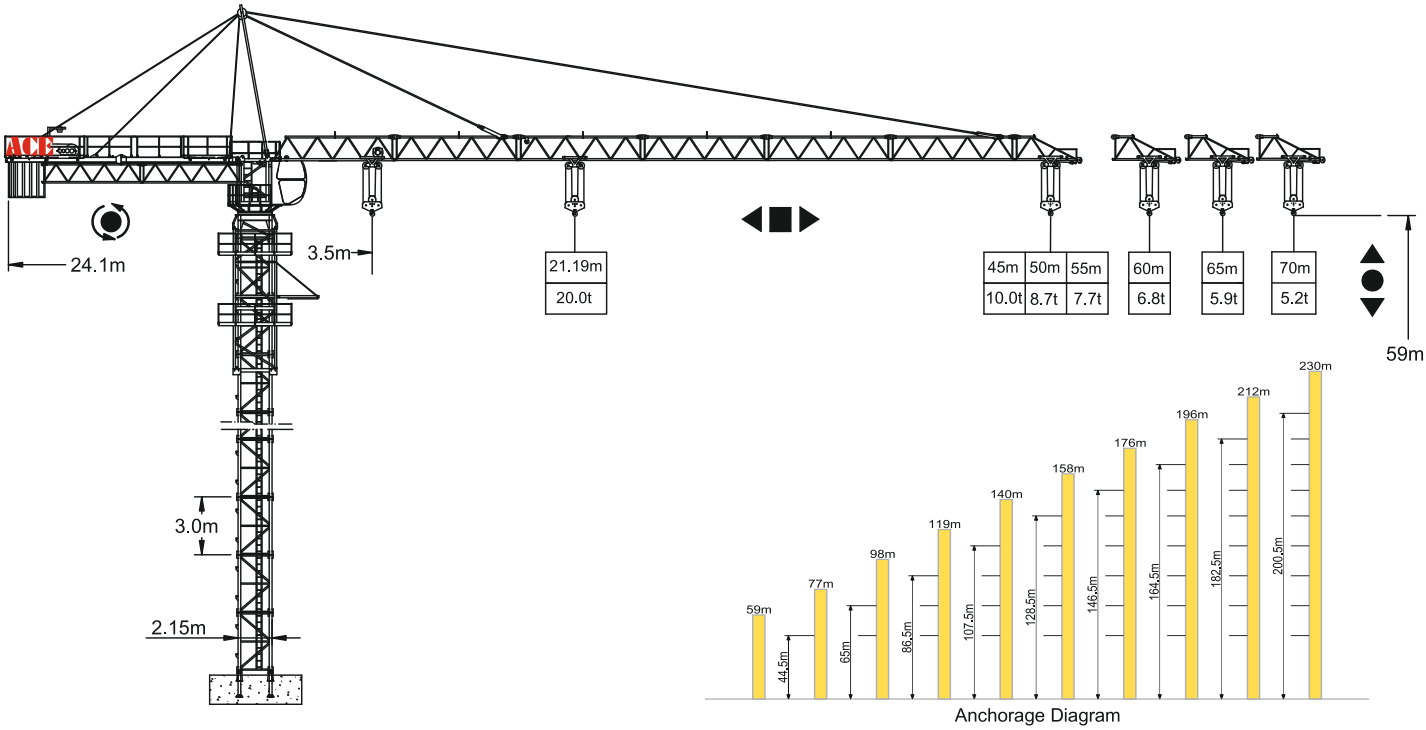


F1	◇ 143t	△ 171t
F2	◇ 240t	△ 256t

141t

Specifications

Hoisting	No of Falls				
	Speed (m/min)	0 ~ 45	0 ~ 96	0 ~ 22	0 ~ 45
	Hoisting Load (t)	10.0	5.0	20.0	10.0
	Power (kw)	90	90	90	90
Slewing	Speed(rpm)	0 ~ 0.72			
	Power(kw)	3 x 5.5			
Trolley	Speed(m/min)	0 ~ 100			
	Power(kw)	11			
Climbing	Speed(m/min)	0.46			
	Power(kw)	11			
Main Supply		415V / 50Hz			
Electric Power		117.5 kw (146.9 kVA)			



Anchorage Diagram

F Reaction ◇ In Service △ Out of Service Dead weight without load and counter weight but with longest jib and free standing height.

https://truckmanualshub.com/

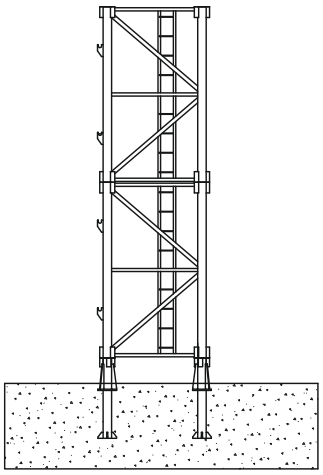
ACE INDIA'S NO. 1 CRANE BRAND

TC 7074 Tower Crane — 25 t

Load Capacity

Jib Length 70m	Radius (m)	3.5~17.52	20	25	30	35	38	40	43	45	48	50	53	55	58	60	63	65	68	70
	Hoisting Load (t)	25.00	21.41	16.42	13.16	10.86	9.78	9.15	8.32	7.83	7.17	6.77	6.24	5.92	5.47	5.20	4.83	4.60	4.29	4.09
		12.50				11.97	10.89	10.26	9.43	8.94	8.28	7.88	7.35	7.03	6.58	6.31	5.94	5.71	5.40	5.20
Jib Length 65m	Radius (m)	3.5~17.95		25	30	35	38	40	43	45	48	50	53	55	58	60	63	65		
	Hoisting Load (t)	25.00		16.92	13.57	11.21	10.10	9.45	8.60	8.10	7.42	7.02	6.47	6.14	5.68	5.41	5.02	4.79		
		12.50					11.21	10.56	9.71	9.21	8.53	8.13	7.58	7.25	6.79	6.52	6.13	5.90		
Jib Length 60m	Radius (m)	3.5~18.56		25	30	35	38	40	43	45	48	50	53	55	58	60				
	Hoisting Load (t)	25.00		17.62	14.15	11.70	10.55	9.88	9.00	8.48	7.78	7.36	6.79	6.45	5.98	5.69				
		12.50					11.66	10.99	10.11	9.59	8.89	8.47	7.90	7.56	7.09	6.80				
Jib Length 55m	Radius (m)	3.5~18.85		25	30	35	38	40	43	45	48	50	53	55						
	Hoisting Load (t)	25.00		17.94	14.42	11.93	10.76	10.08	9.18	8.65	7.94	7.52	6.94	6.59						
		12.50					11.87	11.19	10.29	9.76	9.05	8.63	8.05	7.70						
Jib Length 50,45, 40m	Radius (m)	3.5~18.97		25	30	35	38	40	43	45	48	50								
	Hoisting Load (t)	25.00		18.09	14.54	12.04	10.86	10.17	9.27	8.74	8.02	7.59								
		12.50					11.97	11.28	10.38	9.85	9.13	8.70								

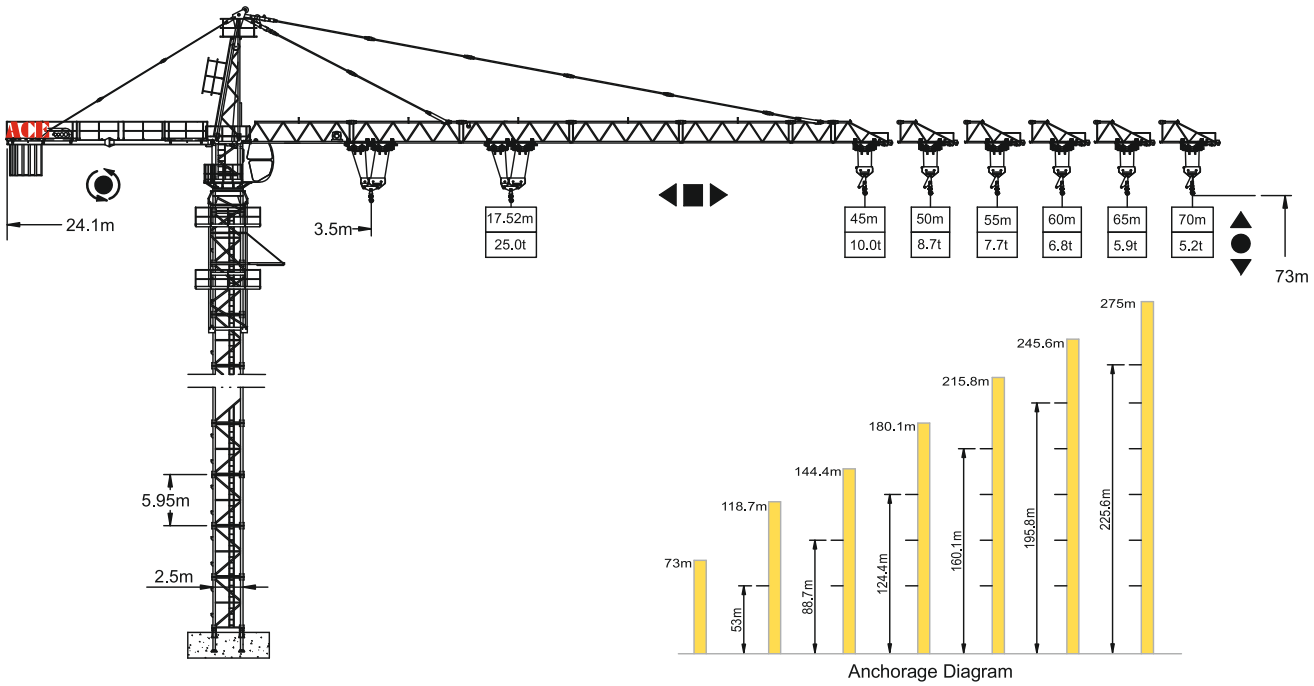
Outrigger Stationary



F1	◇ 143t	△ 171t	141t
F2	◇ 240t	△ 256t	

Specifications

Hoisting	No of Falls				
	Speed (m/min)	0 ~ 45	45~ 90	0 ~ 22	22 ~ 45
	Hoisting Load (t)	12.5	6.3	25.0	12.5
	Power (kw)	110	110	110	110
Slewing		Speed(rpm)	0 ~ 0.72		
		Power(kw)	3 x 5.5		
Trolley		Speed(m/min)	0 ~ 100		
		Power(kw)	11		
Climbing		Speed(m/min)	0.46		
		Power(kw)	11		
Main Supply		415V / 50Hz			
Electric Power		110 kw (137.5kVA)			



Anchorage Diagram

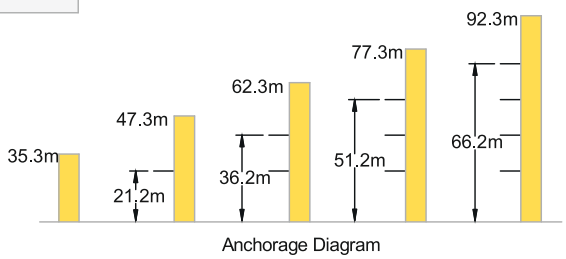
F Reaction ◇ In Service △ Out of Service Dead weight without load and counter weights but with longest jib and free standing height.

https://truckmanualshub.com/

LC 85 Luffing Crane 6 t

Load Capacity

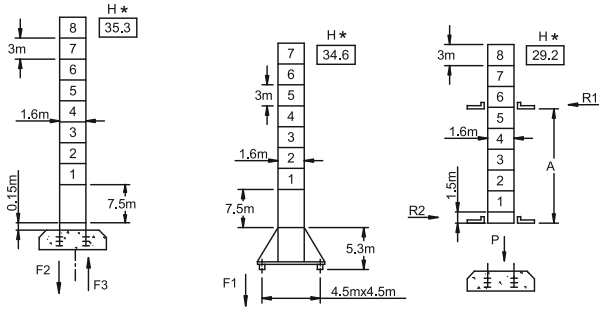
Jib Length 40m	Radius (m)		4~18	20	25	28.5	30	32	35	40
	Hoisting Load (t)		6.0	5.2	3.7	2.9	2.6	2.3	1.9	1.4
			3.0				2.7	2.4	2.0	1.5
Jib Length 35m	Radius (m)		4~18	20	25	28.5	30	32	35	
	Hoisting Load (t)		6.0	5.2	3.7	2.9	2.6	2.3	1.9	
			3.0				2.7	2.4	2.0	



Anchorage Diagram

Specifications

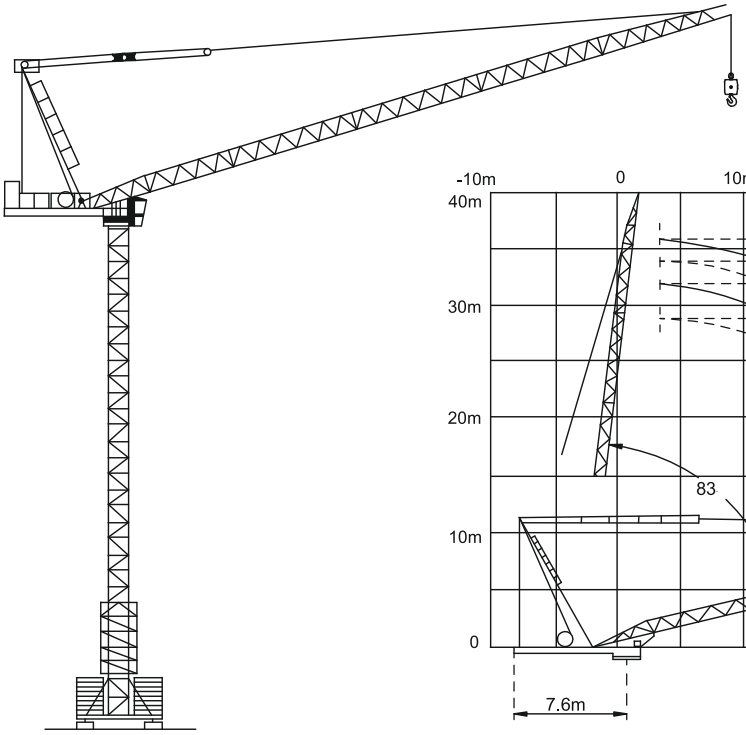
Hoisting	No of Falls							
	Speed (m/min)		0 ~ 40	0 ~ 66	0 ~ 80	0 ~ 20	0 ~ 33	0 ~ 40
	Hoisting Load (t)		3.0	1.8	1.5	6.0	3.6	3.0
	Power (kw)		24	24	24	24	24	24
Slewing		Speed(rpm)	0 ~ 0.7					
		Power(kw)	6					
Travelling		Speed(rpm)	0 ~ 25					
		Power(kw)	2 x 5.2					
Luffing		Speed(m/min)	≤3.0					
		Power(kw)	24					
Main Supply			415V / 50Hz					
Electric Power			54 kw (67.5 kVA)					

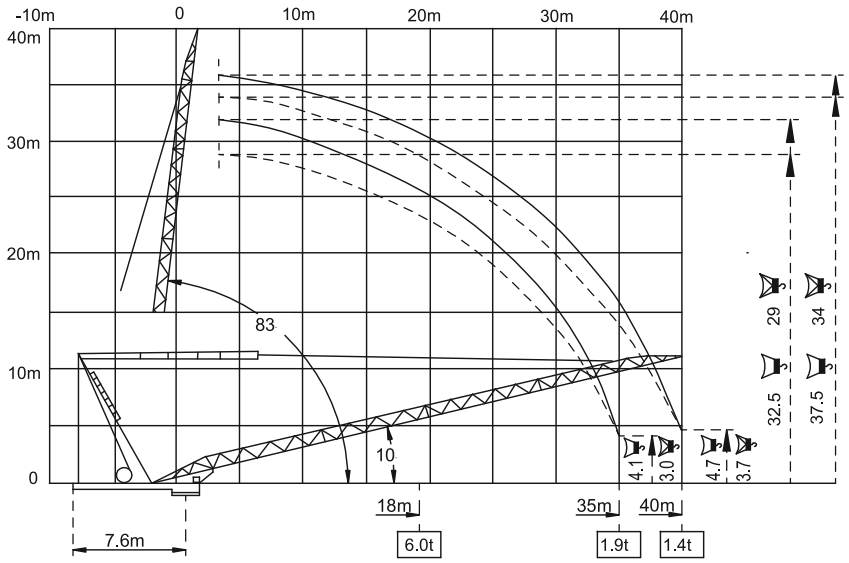


F2	◇90t	△142t	
F3	◇62t	△117t	38.5t

F1	◇60t	△81t
	38.5t	

A	7m	11m
R1	23t	15t
R2	20t	13t
P	48t	48t
	37t	





F Reaction ◇ In Service △ Out of Service Dead weight without load and counter weights but with longest jib and free standing height.
P Vertical Load H Free Standing Height Jib * 40m

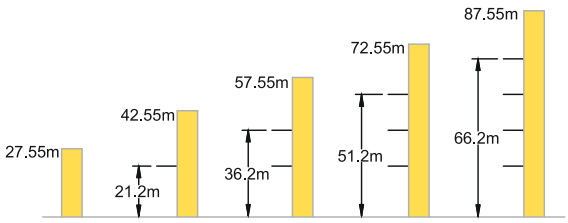
https://truckmanualshub.com/

ACE INDIA'S NO.1 CRANE BRAND

LC 120 Luffing Crane 8 t

Load Capacity

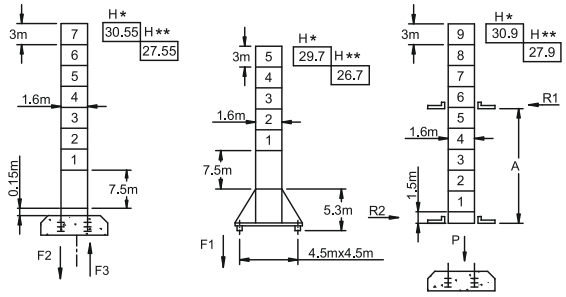
Jib Length 45m	Radius (m)	3.5~18.6	20	25	30	32	35	40	45
	Hoisting Load (t)	8.0	7.3	5.5	4.2	4.0	3.3	2.6	2.2
		4.0					3.3	2.6	2.2
Jib Length 40m	Radius (m)	3.5~18.6	20	25	30	32	35	40	
	Hoisting Load (t)	8.0	7.3	5.5	4.3	4.0	3.4	2.6	
		4.0					3.4	2.6	
Jib Length 35m	Radius (m)	3.5~18.6	20	25	30	32	35		
	Hoisting Load (t)	8.0	7.4	5.6	4.4	4.0	3.4		
		4.0					3.4		
Jib Length 30m	Radius (m)	3.5~18.6	20	25	30				
	Hoisting Load (t)	8.0	7.4	5.6	4.4				
		4.0							



Anchorage Diagram

Specifications

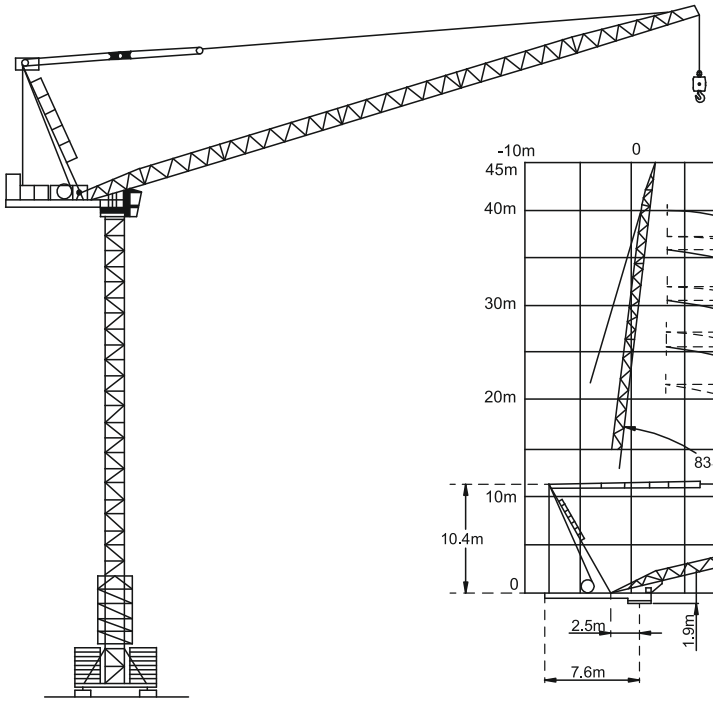
Hoisting	No of Falls							
	Speed (m/min)	0 ~ 40	0 ~ 66	0 ~ 80	0 ~ 20	0 ~ 33	0 ~ 40	
	Hoisting Load (t)	4.0	2.4	2.0	8.0	4.8	4.0	
	Power (kw)	30	30	30	30	30	30	
Slewing	Speed(rpm)	0 ~ 0.7						
	Power(kw)	2 x 4.5						
Travelling	Speed(rpm)	0 ~ 25						
	Power(kw)	2 x 5.2						
Luffing	Speed(m/min)	≤3.5						
	Power(kw)	30						
Main Supply		415V / 50Hz						
Electric Power		69kw (86.3 kVA)						

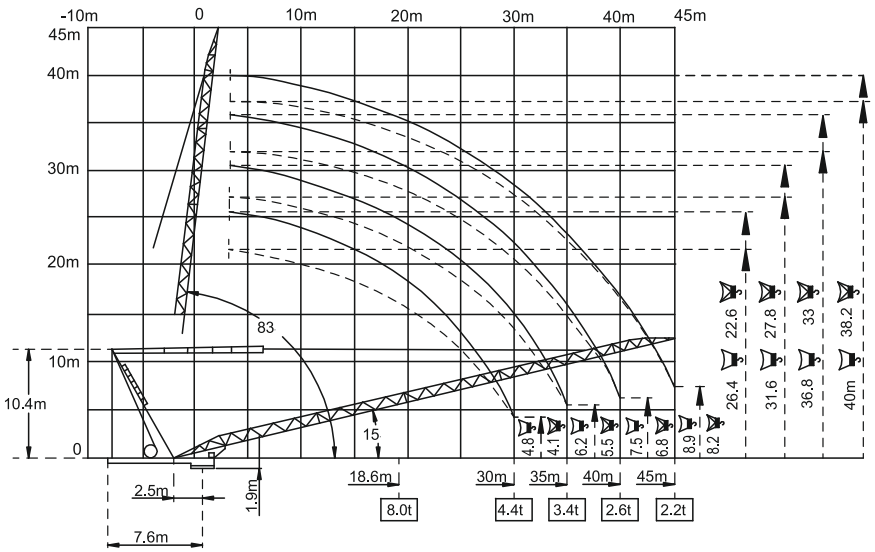


F2	◇100t	△119t	
F3	◇78t	△97t	38.5t

F1	◇60t	△68t
	40.5t	

A	7m	11m
R1	24t	16t
R2	20.5t	13.5t
P	50t	50t
	42t	





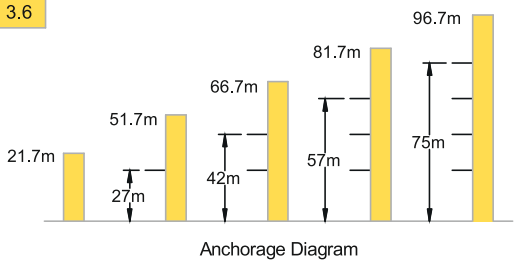
F Reaction ◇ In Service △ Out of Service Dead weight without load and counter weights but with longest jib and free standing height.
P Vertical Load H Free Standing Height Jib *30 - 35m ** 40 - 45 m

https://truckmanualshub.com/

LC 160B Luffing Crane 10 t

Load Capacity

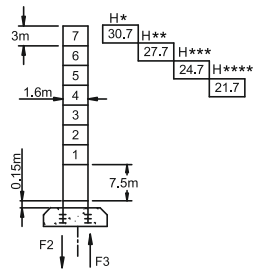
Jib Length 55m	Radius (m)	3.3~18.0	20	22	25	27	30	32	35	37	40	42	45	47	50	52	55
	Hoisting Load (t)	10.0	8.6	7.6	6.5	5.8	5.0	4.6	4.1	3.8	3.5	3.2	2.9	2.7	2.5	2.3	2.1
		5.0						4.6	4.1	3.8	3.5	3.2	2.9	2.7	2.5	2.3	2.1
Jib Length 50m	Radius (m)	3.3~20.0		22	25	27	30	32	35	37	40	42	45	47	50		
	Hoisting Load (t)	10.0		8.7	7.5	6.8	6.0	5.5	5.0	4.7	4.2	3.8	3.5	3.2	3.0		
		5.0								4.7	4.2	3.8	3.5	3.2	3.0		
Jib Length 45m	Radius (m)	3.3~20.0		22	25	27	30	32	35	37	40	42	45				
	Hoisting Load (t)	10.0		9.0	7.7	7.0	6.2	5.7	5.1	4.7	4.2	4.0	3.6				
		5.0								4.7	4.2	4.0	3.6				
Jib Length 40m	Radius (m)	3.3~20.0		22	25	27	30	32	35	37	40						
	Hoisting Load (t)	10.0		9.1	7.8	7.1	6.2	5.7	5.1	4.8	4.3						
		5.0								4.8	4.3						
Jib Length 35m	Radius (m)	3.3~20.0		22	25	27	30	32	35								
	Hoisting Load (t)	10.0		9.2	8.0	7.2	6.4	5.9	5.3								
		5.0															



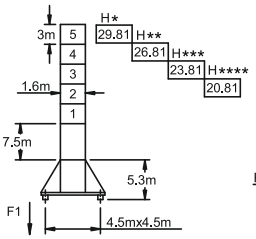
Anchorage Diagram

Specifications

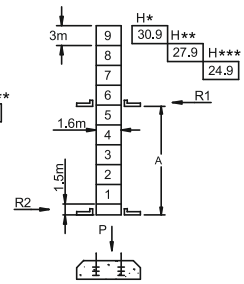
Hoisting	No of Falls						
	Speed (m/min)	0 ~ 50	0 ~ 75	0 ~ 100	0 ~ 25	0 ~ 37.5	0 ~ 50
	Hoisting Load (t)	5.0	3.0	2.0	10.0	6.0	4.0
	Power (kw)	55	55	55	55	55	55
Slewing	Speed(rpm)	0 ~ 0.7					
	Power(kw)	2 x 9					
Travelling	Speed(m/min)	0 ~ 25					
	Power(kw)	4 x 3.4					
Luffing	Speed(m/min)	⩽3.0					
	Power(kw)	37					
Main Supply		415V / 50Hz					
Electric Power		110kw (137.5 kVA)					



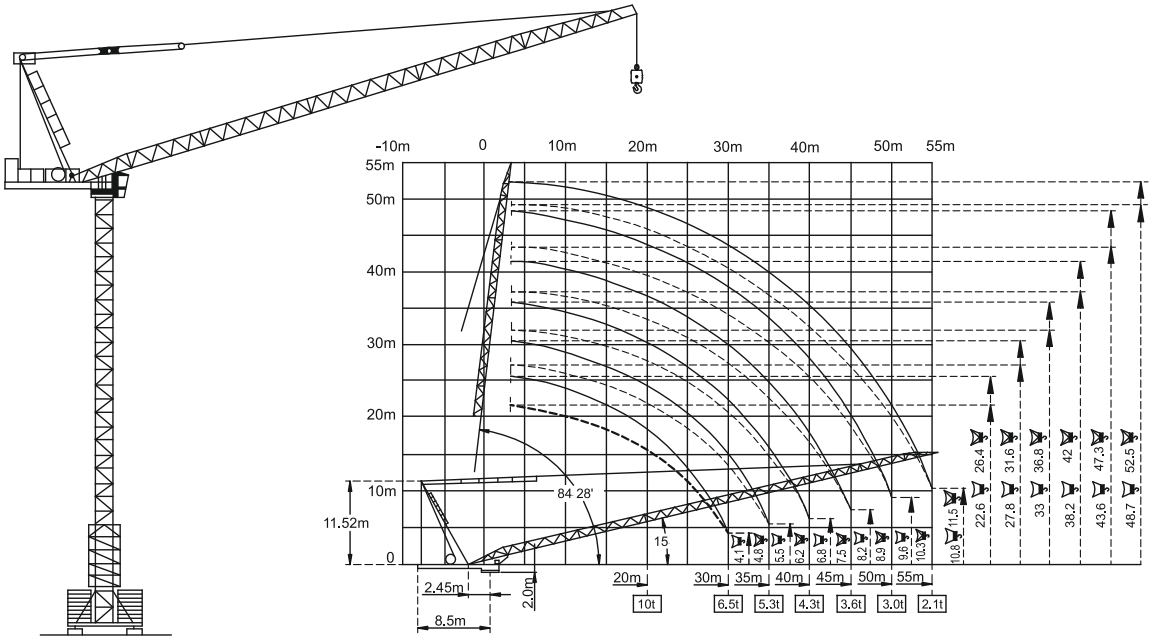
F2	◇124t	△148t
F3	◇97t	△121t



F1	◇76t	△84t
	46t	



A	7m	11m
R1	32t	21t
R2	28t	18.5t
P	58t	58t
	48t	



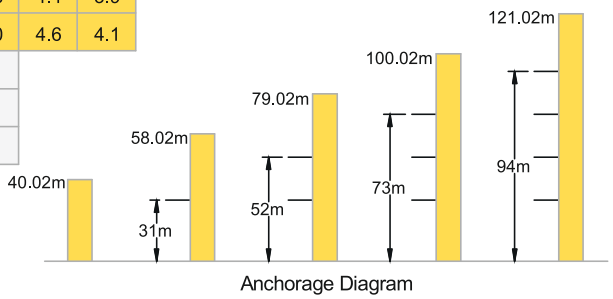
F Reaction ◇ In Service △ Out of Service Dead weight without load and counter weights but with longest jib and free standing height.
P Vertical Load H Free Standing Height Jib *30 - 35m * 40 - 45 m ***50m ****55m

https://truckmanualshub.com/

LC 228B Luffing Crane 12 t

Load Capacity

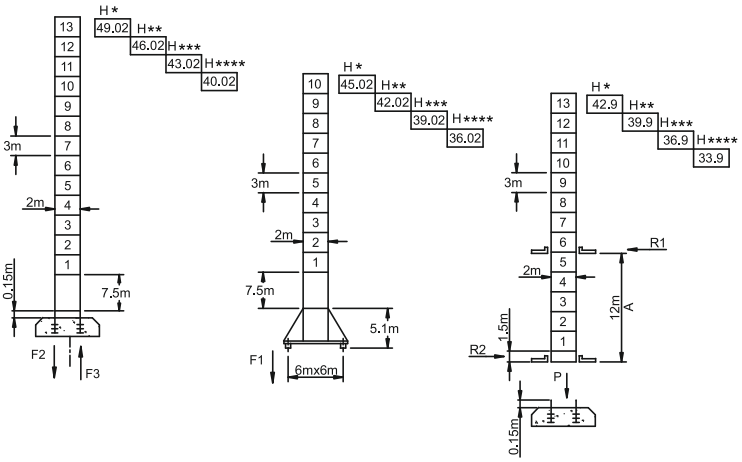
Jib Length 55m	Radius (m)	3.8~17.6	20	22	25	30	31.8	35	37	40	42	45	47	50	52	55
	Hoisting Load (t)	12.0	10.4	9.4	8.0	6.3	5.8	4.9	4.4	3.9	3.5	3.1	2.9	2.6	2.4	2.3
		6.0						5.1	4.6	4.1	3.7	3.3	3.1	2.8	2.6	2.5
Jib Length 50m	Radius (m)	3.5~19.6	22	25	27	30	32	34.2	34.8	37	40	42	45	47	50	
	Hoisting Load (t)	12.0	10.0	8.8	8.0	6.8	6.3	6.0	5.8	5.2	4.6	4.2	3.7	3.4	3.05	
		6.0								5.4	4.8	4.4	3.9	3.6	3.25	
Jib Length 45m	Radius (m)	3.5~20.0	22	25	27	30	32	34.4	35	37	40	42	45			
	Hoisting Load (t)	12.0	10.4	9.0	8.1	7.0	6.4	6.0	5.8	5.3	4.8	4.4	3.9			
		6.0								5.5	5.0	4.6	4.1			
Jib Length 40m	Radius (m)	3.5~20.2	22	25	27	30	32	34.8	35.4	37	40					
	Hoisting Load (t)	12.0	10.5	9.2	8.2	7.1	6.5	6.0	5.8	5.3	4.8					
		6.0								5.5	5.0					
Jib Length 35m	Radius (m)	3.5~20.4	22	25	27	30	32	35								
	Hoisting Load (t)	12.0	10.8	9.3	8.3	7.3	6.6	6.1								
		6.0														



Anchorage Diagram

Specifications

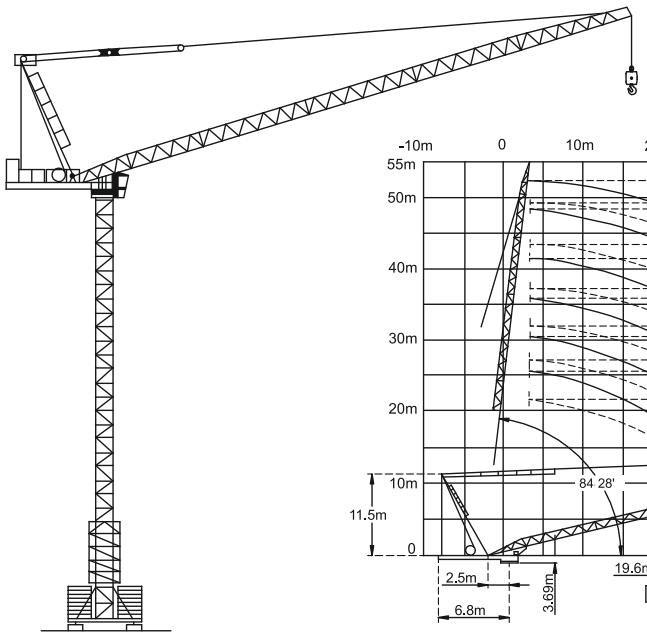
Hoisting	No of Falls						
	Speed (m/min)	0 ~ 40	0 ~ 65	0 ~ 80	0 ~ 20	0 ~ 30	0 ~ 40
	Hoisting Load (t)	6.0	4.0	3.0	12.0	8.0	6.0
	Power (kw)	55	55	55	55	55	55
Slewing	Speed(rpm)	0 ~ 0.7					
	Power(kw)	2 x 9					
Travelling	Speed(m/min)	0 ~ 25					
	Power(kw)	4x3.4					
Luffing	Speed(m/min)	⩽3.0					
	Power(kw)	45					
Main Supply		415V / 50Hz					
Electric Power		118kw (147.5 kVA)					

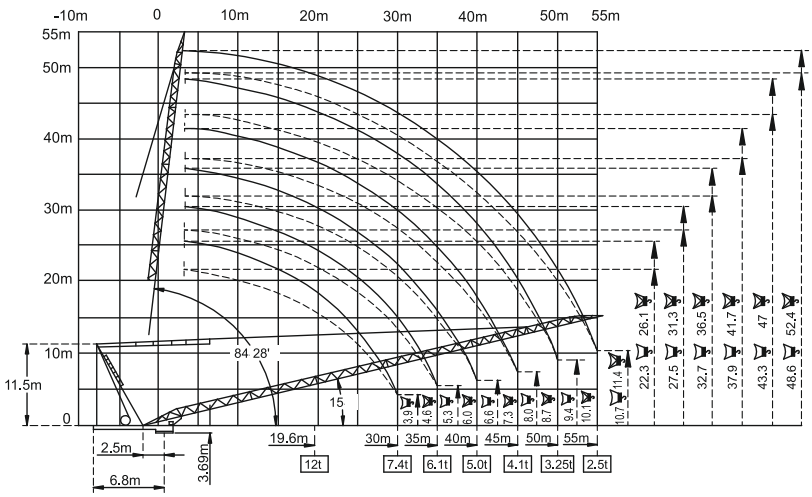


F2	◇174t	△294t	
F3	◇111t	△237t	87.5t

F1	◇118t	△134t
	97t	

A	12m	16m
R1	34t	25.5t
R2	29.6t	22.2t
P	101t	101t
	81.5t	



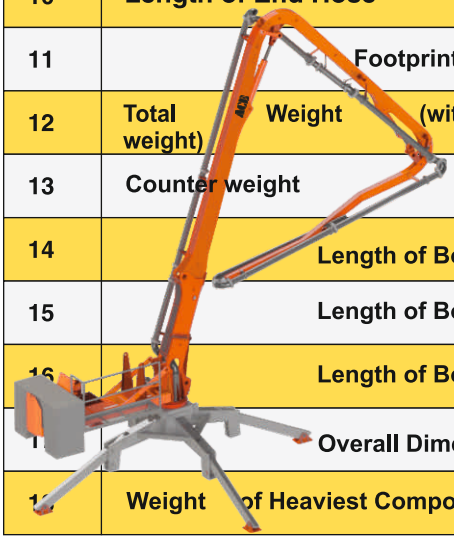


F Reaction ◇ In Service △ Out of Service Dead weight without load and counter weights but with longest jib and free standing height.
P Vertical Load H Free Standing Height Jib * 30 - 35m ** 40 - 45 m *** 50m **** 55m

https://truckmanualshub.com/

Technical Specifications — ACS Series

S. No.	Description	Units	HGY 13	HGY 17
1	Max Radius of Placing Boom	m	13.00	17.00
2	Max. Height Working Reach	m	15.35	19.90
3	Max.Depth Working Reach	m	5.40	11.78
4	Elevation Angle	deg.	-2 ~ 84.4	-2 ~ 84.4
5	Slewing Range	deg.	360	360
6	Motor Power	kW	4	5.5
7	Hydraulic Pressure	MPa	20	20
8	Slewing	r/min	0.46	0.2-0.3
9	Delivery Pipeline Diameter	mm	125	125
10	Length of End Hose	m	3.00	3.00
11	Footprint of machine	mxm	3.15 x 3.15	4.23 x 4.23
12	Total Weight (without counter weight)	kg	2700	4940
13	Counter weight	kg	2x900	2x1050
14	Length of Boom I	m	3.70	6.67
15	Length of Boom II	m	4.50	5.73
16	Length of Boom III	m	4.80	4.60
17	Overall Dimensions	m	6.82x3.43x3.14	10.22 x4.64x3.50
18	Weight of Heaviest Component	kg	2310	3173



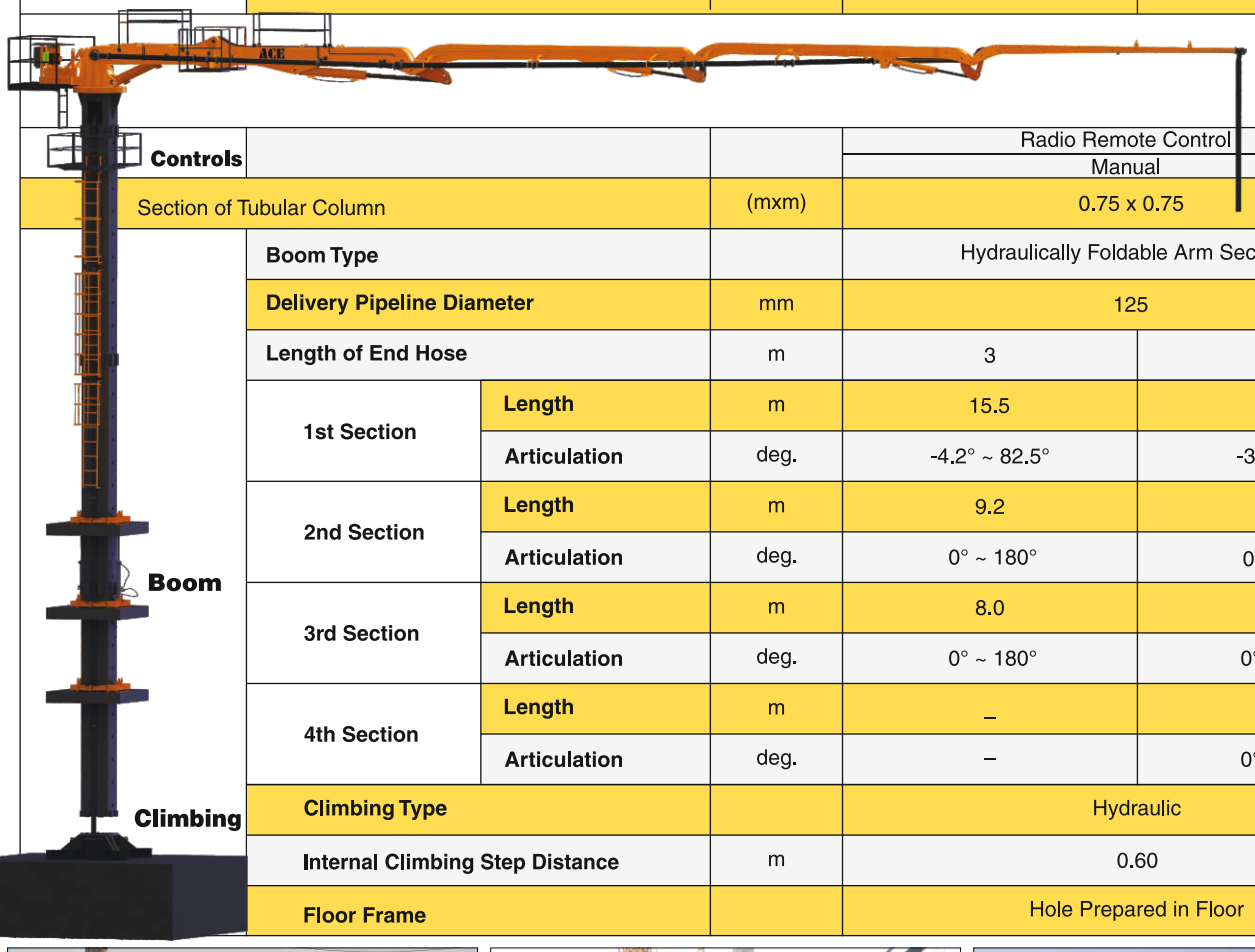
https://truckmanualshub.com/

ACE INDIA'S NO. 1 CRANE BRAND

Technical Specifications

ACP Series

	Description		Units	HGY 33C-3R	HGY 36C-4R
Performance	Max Radius of Placing Boom		m	32.7	36
	Free Standing Height		m	22.7	22.7
	Slewing Range		deg.	±400	±400
	Total Weight		kgs.	22000	28000
	Counter Weight		kgs.	no need	no need
	Weight of Heaviest Component		kgs.	5200	5300
	Electric Power			415V/50Hz	
Motor	Power		kW	15	30
Hydraulic System	System Pressure		MPa	30	32
	Oil Tank Capacity		ltrs.	180	180
Controls				Radio Remote Control Manual	
Section of Tubular Column			(mxm)	0.75 x 0.75	
Boom	Boom Type			Hydraulically Foldable Arm Sections	
	Delivery Pipeline Diameter		mm	125	
	Length of End Hose		m	3	–
	1st Section	Length	m	15.5	12.3
		Articulation	deg.	-4.2° ~ 82.5°	-3° ~ +85°
	2nd Section	Length	m	9.2	7.9
		Articulation	deg.	0° ~ 180°	0° ~ 180°
	3rd Section	Length	m	8.0	7.9
		Articulation	deg.	0° ~ 180°	0° ~ 180°
	4th Section	Length	m	–	7.9
		Articulation	deg.	–	0° ~ 180°
Climbing	Climbing Type			Hydraulic	
	Internal Climbing Step Distance		m	0.60	
	Floor Frame			Hole Prepared in Floor	



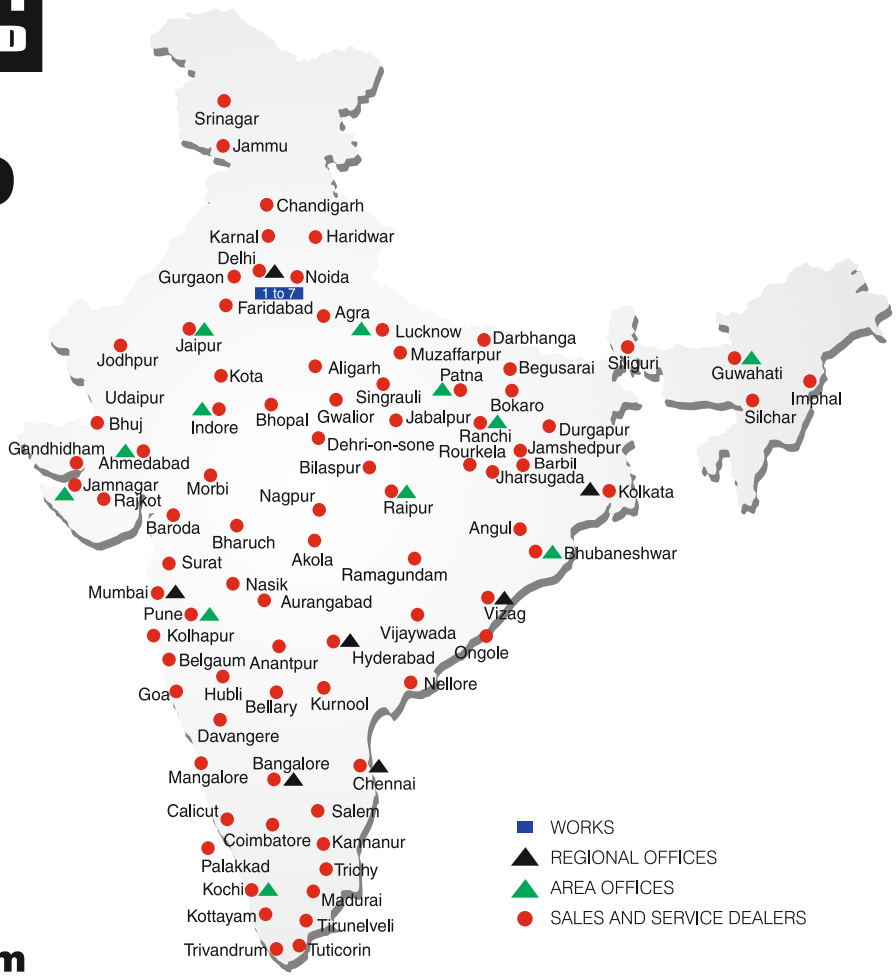
https://truckmanualshub.com/

BUILT TO PERFORM

ACE INDIA'S NO.1 CRANE BRAND

RELIABLE AND DEPENDABLE EFFICIENCY

NETWORK



Toll Free Help Line
1800 1800 004

www.ace-cranes.com

MARKETING H.Q.
4th Floor, Pinnacle
Surajkund, NCR-121009
Ph. : +91-129-4550000
Fax : +91-129-4550022
E-mail: marketing@ace-cranes.com

REGISTERED OFFICE
Dudhola Link Road, Dudhola
Palwal-121102, Haryana
Ph.: +91-1275-280111
Fax: +91-1275-280133
CIN : L74899HR1995PLC053860

MUMBAI OFFICE
31, "Kalpataru Court"
Chembur, Mumbai - 400074
Ph.: +91-22-25206846, 25207070
Fax: +91-22-25207071
E-mail: acemumbai@ace-cranes.com

KOLKATA OFFICE
"Forma Towers" 84-A, Second Floor
AJC Bose Road, Kolkata - 700014
Ph.: +91-9038070630
E-mail: acekolkata@ace-cranes.com

CHENNAI OFFICE
1st Floor, "Alsa Regency", 165
Eldams Road, Alwar Pet
Chennai - 600018
Ph.: +91-44-24314253
Fax: +91-44-24314252
E-mail: acechennai@ace-cranes.com

HERE TO SERVE YOU.

SPARE PARTS & SERVICE

ACE has all India Sales and Service network operating out of all the major cities. These outlets are fully equipped to provide genuine spare parts and services by company trained engineers. These outlets are further supported by company officials based at Delhi, Mumbai, Chennai, Kolkatta, Ahmedabad, Surat, Pune, Jaipur, Chandigarh, Ranchi, Raipur, Indore, Bhubneshwar, Lucknow, Jamnagar, Hyderabad, Bangalore,Guwahati, Patna, Vizag & Kochi.

ACE

Action Construction Equipment Ltd.

Contact:

CVI CERTIFIED MANAGEMENT SYSTEM ISO 9001

ACE reserves the right to alter any specifications without prior notice. Dimensions, weights & capacities mentioned herein are variable by ± 5%. Accessories if shown are not part of the Standard Equipment.

Tower Crane/01/2020