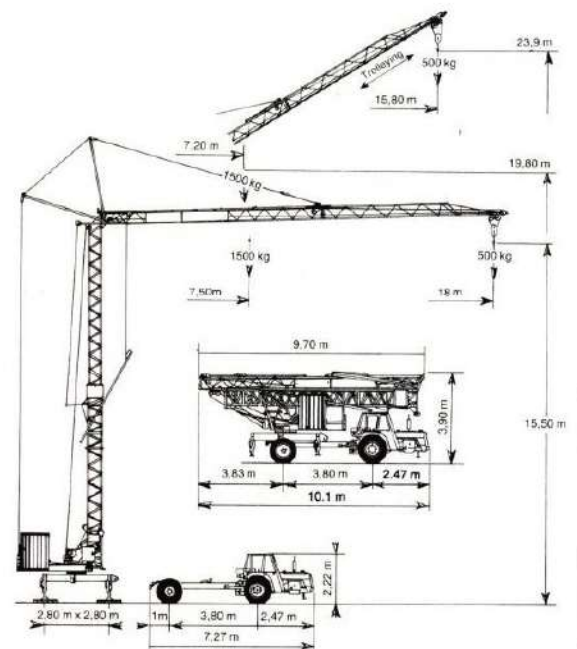


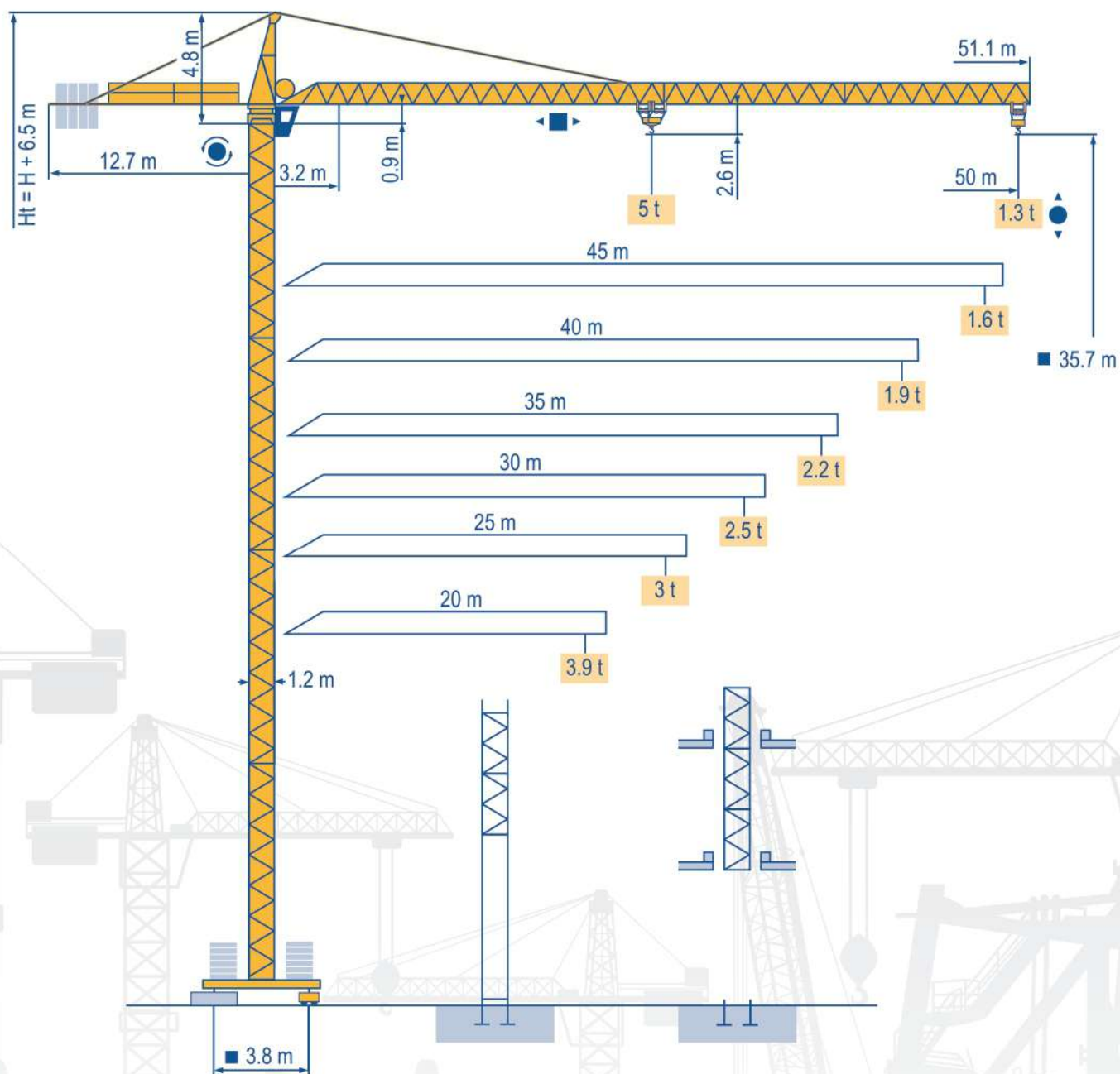
ALPHA SP 453

Salient Features SP - 453

- Self propelled all terrain crane
- Hydraulic skid steering system with articulated chassis, short turning radius
- Built in generator, additional power for mixers and vibrators
- Counterweight boxes for gravel Ballast minimise dead weight.
- Remote control operations.

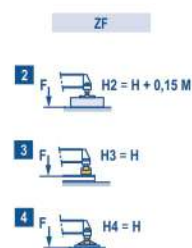
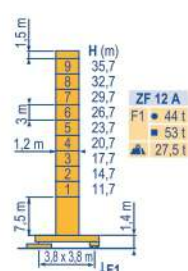
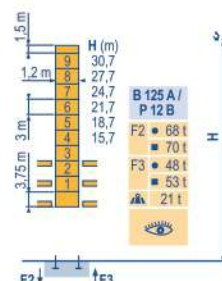
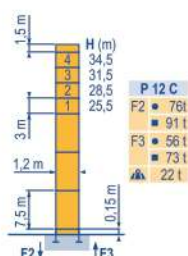
Horizontal Jib position	Height	15.5m	
	Reach	7.5m	18m
	Capacity	1500kgs	500kgs
Raised Jib position	Height	23.9m	
	Reach	7.2m	15.8m
	Capacity	1500kgs	500kgs
Speed	Trolleying	33m/min	
	Hoisting	15m/min & 30m/min.	
	Slewing	1 RPM	
Electrical motors	Trolleying	1.5 H.P.	
	Hoisting	6.0 H.P.	
	Slewing	2.0 H.P.	
Electrical supply required		15KVA	
Generator Power		20KVA	
Total weight with Ballast		13500Kgs	
Total weight without Ballast		8700 Kgs.	
Tractor Model		Suitable Tractor	
Engine Power		45-50 HP	
Transport Dimensions	Width	2.5 m	
	Length	10.1 m	
	Height	3.9 m	
Front axle load		5300kgs	
Rear axle load		8200kgsa	
Safety devices		Circuit Breaker for electrical systems, over load, momentary, hoist and trolley limit switches for crane protection.	



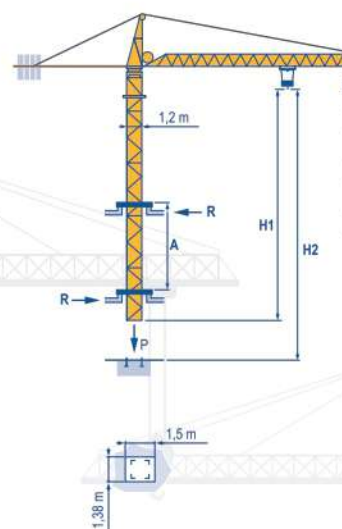


Masts / Reactions

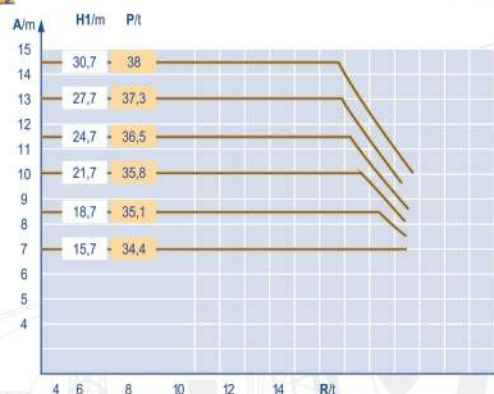
□ 1,2 m
20 m 50 m



Climbing crane



B 125 A



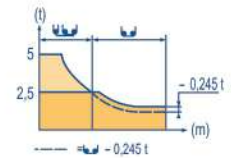
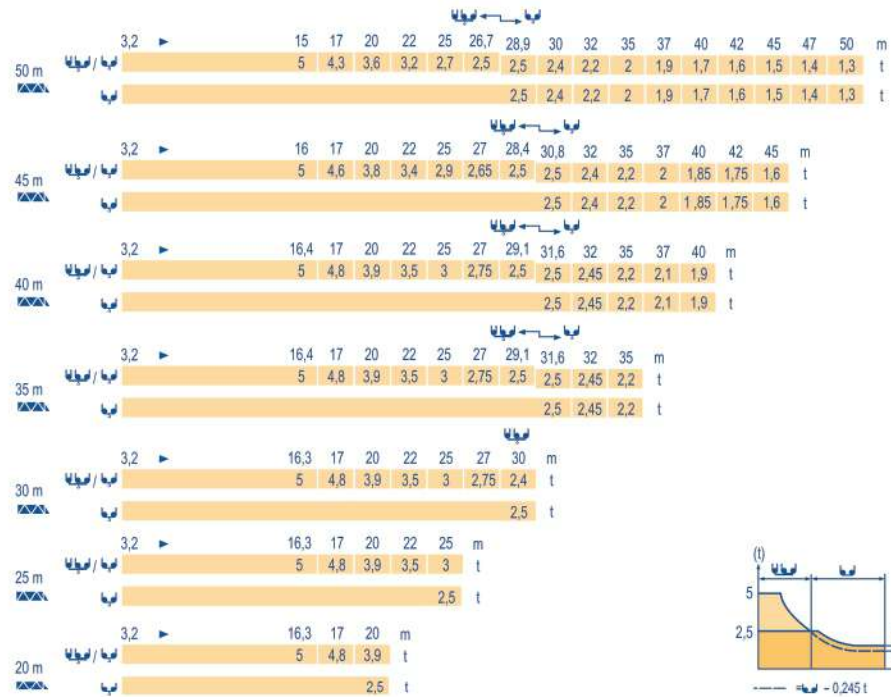
CITY CRANE MCi 85 A/B

EN

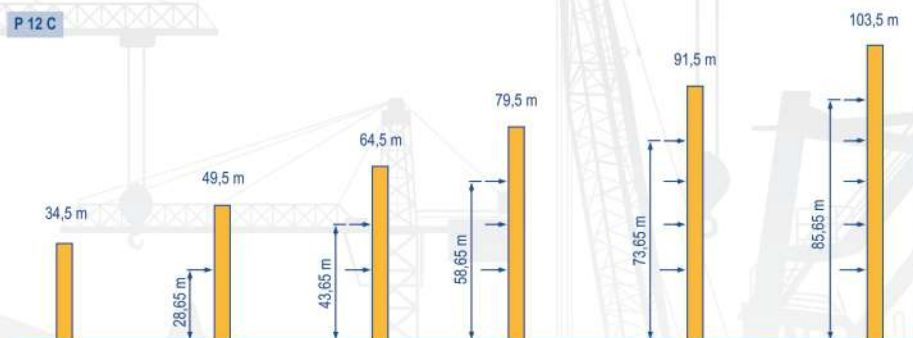
- Reactions in service
- Reactions out of service
- 👁 Without load, ballast (or transport axles), with maximum jib and maximum height.
- 👁 See climbing crane

Load diagrams

MBW 2



Anchorage



CITY CRANE MCi 85 A/B

EN

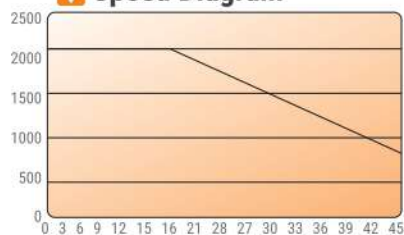
- A Distance between collars
- H1 Crane height
- P Crane weight (in service)
- R Horizontal reaction

Salient Features SG - 24/30

- All Motor with Variable Drive
- Variable Height
- Remote Controlled Operations
- Self Folding and Unfolding
- Additional Motor for Counterweight

ALPHA SG 24-30

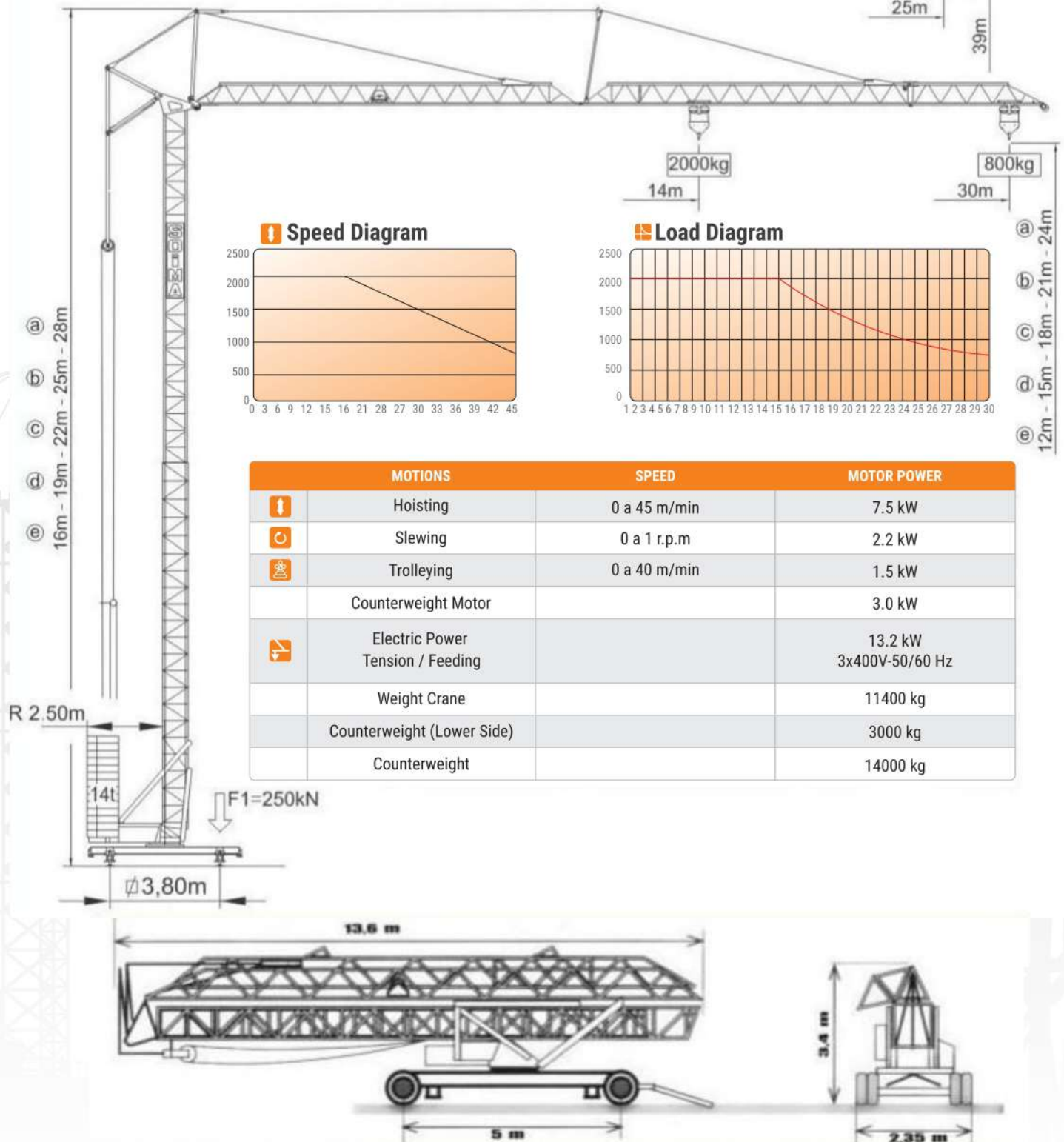
Speed Diagram



Load Diagram



	MOTIONS	SPEED	MOTOR POWER
	Hoisting	0 a 45 m/min	7.5 kW
	Slewing	0 a 1 r.p.m	2.2 kW
	Trolleying	0 a 40 m/min	1.5 kW
	Counterweight Motor		3.0 kW
	Electric Power Tension / Feeding		13.2 kW 3x400V-50/60 Hz
	Weight Crane		11400 kg
	Counterweight (Lower Side)		3000 kg
	Counterweight		14000 kg



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.

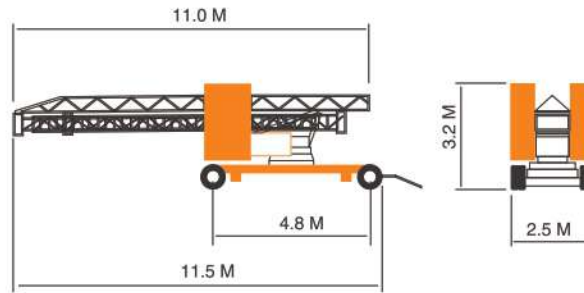
MTC-3625 is controlled by a remote. This facilitates the operator to position himself in such a way that he can see both picking as well as dumping points for precise load positioning.

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.

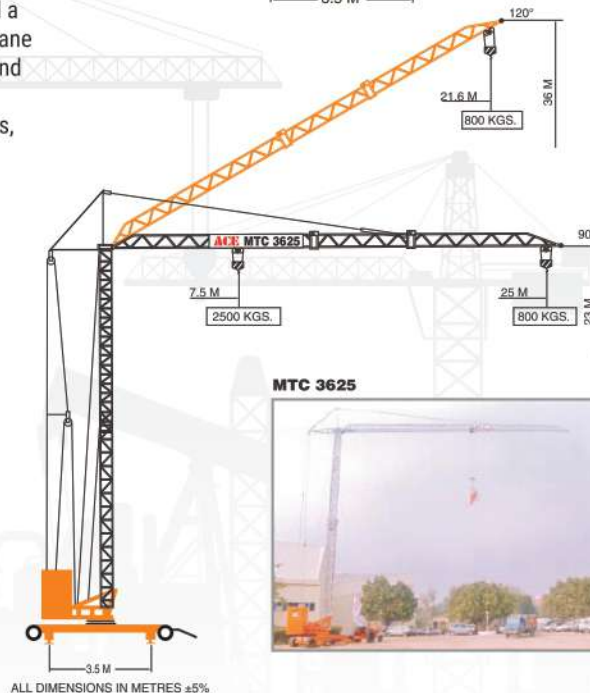
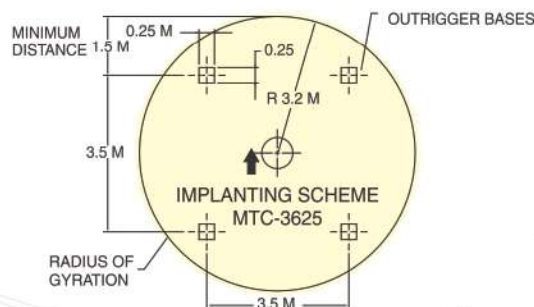
An optional prime mover with a built-in 25KVA generator, makes, MTC-3625 totally independent of any outside electric source and a separate carrier vehicle. The crane uses only a part of the power and the generator can be used for other site equipment like mixers, vibrators and job site lighting systems,



Prime mover (optional)



MTC 3625 in folded position



ALL DIMENSIONS IN METRES ±5%

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	Height Reach Capacity	30m/min, 20m/min, & 40m/min, 1 RPM
Electrical Motors	Trolleying Hoisting Slewing	2.0 H.P. 10.0 HP 1.5 H.P.
Electric Power		12.5 KVA
Total weight with Ballast		17000 Kgs.
Total weight without Ballast		8000 Kgs.
Transportation Dimensions	Height Reach Capacity	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