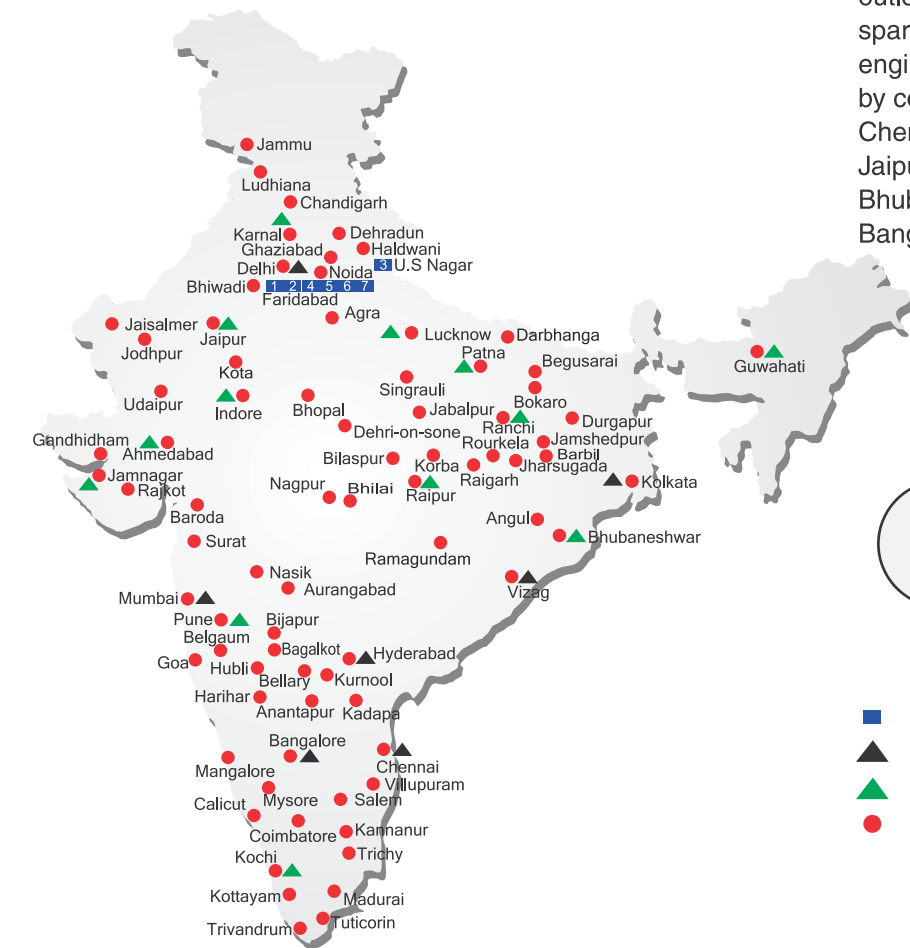


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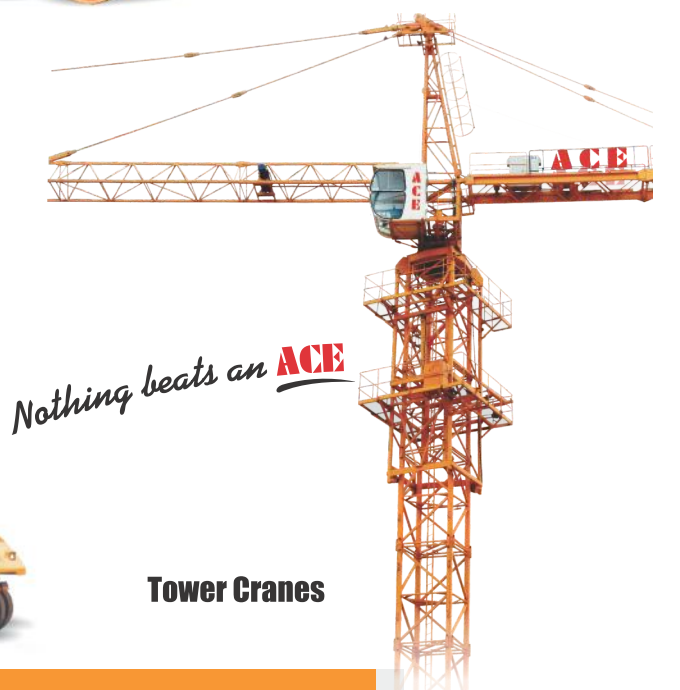
Motor Grader



PTR



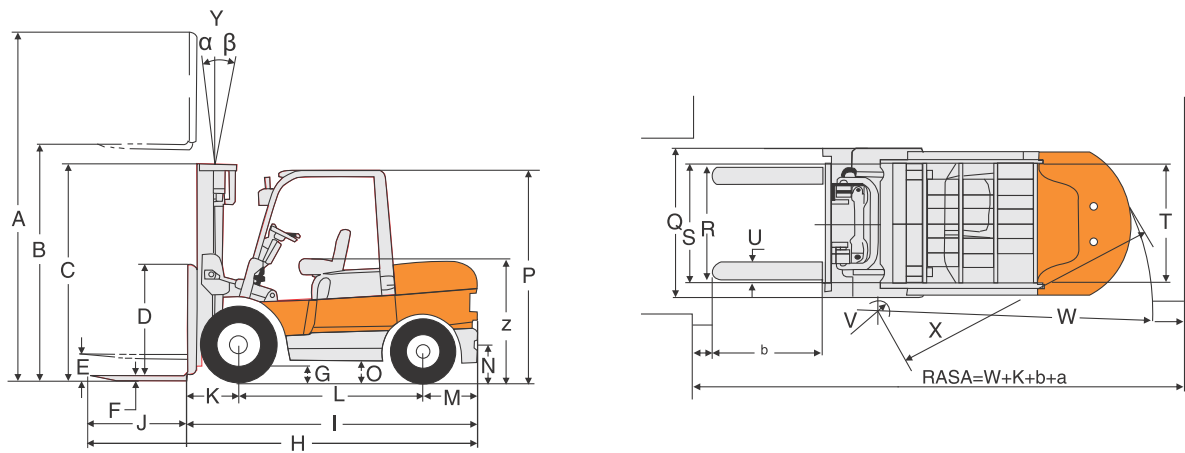
Tower Cranes



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SPECIFICATIONS						
Model			Unit	AF 60D	AF 80D	AF 100D
Load Capacity			Kg	6000	8000	10000
Power				Diesel		
Tyres			Front / Rear	Pneumatic		
Wheel (s)			Front / Rear	Nos.	4 / 2	
Fork Height (std.)			mm	3000		
Fork Size (LxWxT)			mm	1220 x 150 x 60	1220 x 150 x 80	1220 x 175 x 80
Tilt Angle α(α-β)			degree	6°-12°		
Overall length			mm	4770	4860	5390
Overall Width			mm	1995	2025	2245
Overall Lowered Height			mm	2500		2850
Overall Raised Height (* With load backrest)			mm	4380*		4320
Overhead Guard Clearance (from face of seat)			mm	1100		1120
Turning Radius (Outside)			mm	3300	3400	3900
Speed (s)	Travel (F/ R)	With/Without Load	Km/h	27	30	
		With Load	mm/s	395	310	
	Lifting	Without Load	mm/s	420	350	380
		Lowering	With Load	mm/s	600	
	Without Load		mm/s	300		
Gradeability		With / Without Load	%	20	18	
Total Weight			Kg	9040	10495	12510
Tyre Sizes		Front		8.25 - 15 - 14PR		9.00 - 20 - 14PR
		Rear		8.25 - 15 - 14PR		9.00 - 20 - 14PR
Wheel Base			mm	2250	2275	2800
Tread		Front	mm	1760	1795	1980
		Rear	mm	1720		
Brake (s)	Service			Hydraulic-Foot Pedal		
	Parking			Mechanical-Hand Lever		
Battery		Voltage / Capacity		V / AH	2 x 12 / 105	
Engine	Model			6102BG		
	Rated Horsepower		bhp/r.p.m	111/2500		
	Rated Torque		N.m./r.p.m	353 / 1650		
	Number of Cylinders			6		
	Displacement		Ltrs.	5.785		
Fuel Tank Capacity		Ltrs.	140			
Transmission		Number of Speeds		2/2 Power Shift		
Operating Pressure		For Attachment		Kg / cm²	200	

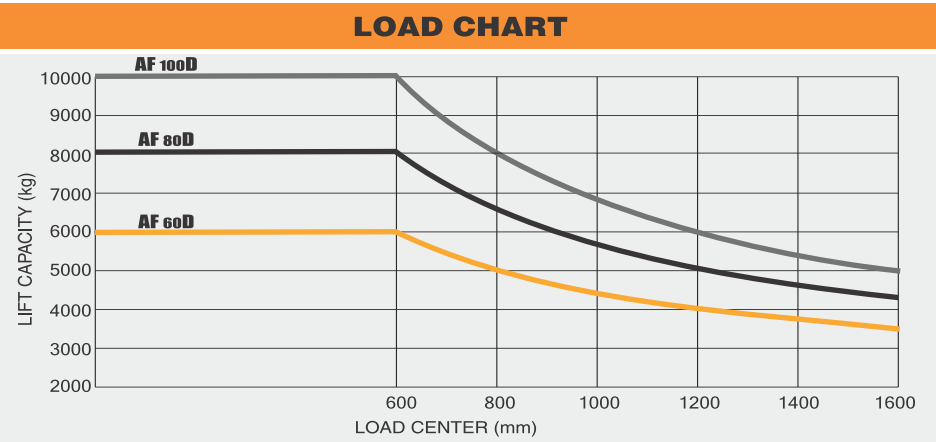


STANDARD DIMENSIONS				
MODEL		AF 60D	AF 80D	AF 100D
A	Overall Height fork raised (*with Load Back Rest))	4380*		4320
B	Max fork Height	3000		
C	Overall Height fork Lowered	2500		2850
D	Backrest Height	1380		N/A
E	Free Lift	150		210
F	Fork Thickness	60	80	
G	Min clearance (Bottom of mast)	170		250
H	Overall Length (with forks)	4770	4860	5390
I	Overall Length (without forks)	3550	3740	4170
J	Fork Length	1220		
K	Fork Overhang	590		720
L	Wheel base	2250	2275	2800
M	Rear Overhang	733		740
N	Coupler Height	450		520
O	Ground clearance (Bottom of Frame)	240		330
P	Overall Height (overhead guard)	2450		2585
Q	Overall width	1995	2025	2245
R	Lateral fork Adjustment	300-1835		400-2140
S	Tread (Front)	1760		1910
T	Tread (Rear)	1720		
U	Fork width	150		175
V	Inside Turning radius	1600		2100
W	Outside Turning radius	3300	3400	3900
X	Min. Intersecting aisle	3000	3040	3540
Y	Tilting angles ($\alpha-\beta$)	6°-12°		
Z	Seat Height from Ground level	1225		1370

FORKLIFTS

STANDARD EQUIPMENT	OPTIONAL EQUIPMENT	OPTIONAL ATTACHMENTS
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- | | | |
|---|--|---|
| <ul style="list-style-type: none">Wide view mastLoad backrest for AF60D & AF80DStandard forksPower steeringRetaining rollersOverhead guardStandard seat (Adjustable)Drawbar pinAir cleanerParking brake leverLift, tilt leversDipstick for TC oilReturn hydraulic filterTC oil filterLift Circuit cut-off valveOverhead air intakeRadiator reservoirTilt adjustable steering wheelTurn indicator LightsHour meterWater temperature meterFuel meterEngine oil pressure warning indicatorElectric charge indicatorHalogen head lightsRear combination lightsRear view mirrorsReverse BuzzerElectric hornNeutral safety switch (TC)Rubber floor matTool kitFront dual wheels | <ul style="list-style-type: none">Spark arresterSolid tyresFire extinguisher | <ul style="list-style-type: none">Different Mast typeFork extensionsFork positionerCrane attachmentRam attachmentContainer handling modelContainer stuffing model |
|---|--|---|



Model AF80D (Empty Container Handler)

- Robust design to handle 3 high stacking (6 mtr lift height)
- Fitted with wide carriage and 2400 mm long forks for stability