

ACE 75 XW

Rough Terrain Crane

75 tonnes Capacity.
High Performance, Rugged & Latest Technology
Rough Terrain Crane

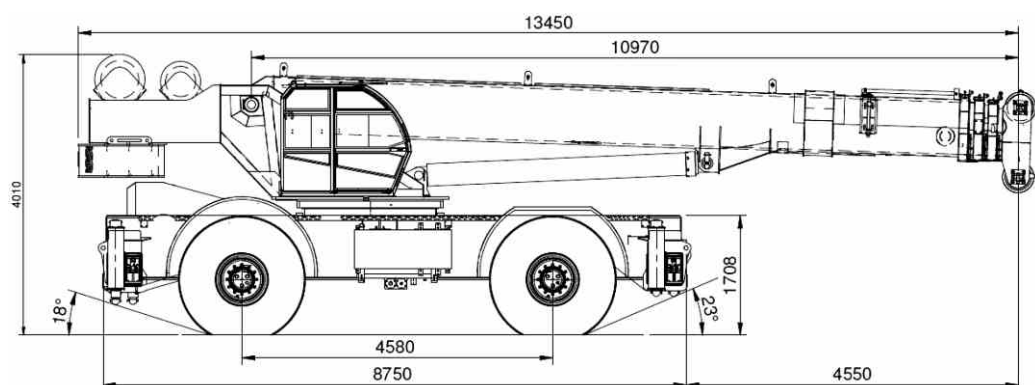
ACE INDIA'S NO. 1
CRANE BRAND



Specifications

75XW

LIFTING CAPACITY	75 Ton @ 3.0 M radius on outrigger. 20 Ton @ 5M radius, Pick and carry	DRIVE	Selectable 4x4 or 4x2 drive.
ENGINE	Mahindra power, turbo charged, inter cooled diesel engine developing 274BHP @ 2200RPM, Torque 1015NM @ 1200-1600, Emission: BS IV CEV or similar suitable engine	AXLES	
TRANSMISSION	Engine driven full power shift with max 6 forward and 6 reverse speeds. Front axle disconnect for 4x2 travel	FRONT	Drive steer with planetary wheel hub and mounted rigidly to chassis.
HYDRAULIC SYSTEM	Tandem hydraulic pump mounted directly on power shift transmission supplying hydraulic oil to all circuits. Separate pump is provided for the steering system.	REAR	Drive steer with planetary wheel hub and mounted on oscillating cradle. Oscillation locking automatic when boom on wheel duty.
ELECTRICAL SYSTEM	24V DC, System using two 12V batteries, Head tail, Side, Stop, Marker and Flash Lights	HOOK BLOCK	75 Ton hook block with 12 falls
SLEWING SUPER STRUCTURE	360° Unlimited continuous slew in either direction by hydraulic motor. Counter balance valve for smooth control.	HYDRAULIC TANK	700 Ltr.
BOOM DERRICKING	Double acting hydraulic cylinder with counter balance safety valve, Angle: -2° to 80°	TYRES FUEL TANK	29,5 X 25-28PR-E3 Tread earthmover Tyres. 400 Ltr.
TRAVEL SAFETY INTERLOCK	Prevents travel of the vehicle until Slew Lock is engaged and cabin is locked either at 0° (Front) or at 180° (Rear) in its traveling position.	BRAKES	Services Brake - Hydraulic, dual line all wheels.
HOIST SYSTEM	Hydraulic Motor driven grooved drum with planetary reduction and automatic spring applied multi disc brake, counter balance valve for controlled lowering. Wire rope dia 20mm x 225m, non rotating.	OPERATOR'S CABIN	Steel frame slewing cabin with wide windscreen, Lockable sliding door. Lever controls for craning, Steer wheel, Sun visor, Adjustable seat, Cabin fan, Toughened safety glass, Pantograph type electric wiper, Horn, Audio visual Alarm for Safety feature.
TELESCOPIC BOOM	11.0m -34.7m total length four section telescopic, bottom round, full power boom. Fabricated from high strength low alloy steel plates. Telescopic section slide on adjustable and replaceable low friction wear pads.	SAFE LOAD SYSTEM	Provides boom angle, length, radius & lifted load with visual indication of approach to overload. Audible warning for overload and over hoist (anti two block system) along with motion cut. Automatic braking of suspended load in case of power failure.
SPEED	25 KMPH (Unladen)	AXLE LOADS	
GRADEABILITY	45%, Unladen (Max.)	Front Axle	26,500 kg
OUTRIGGERS	Four hydraulically operated outrigger beam with vertical hydraulic jacks fitted with lock valves. Hydraulic operation is controlled from operator's cabin. Outrigger foot pad easily removable.	Rear Axle	25,500 kg
STEERING	Four mode of fully powered steering: Front only, Rear only, Crab, Coordinated (All 4 wheel steering) Rear Wheel Steering indicator. Steering reversal automatic when boom in rear.	Total Weight	51,500 kg
		INSTRUMENTS / ACCESORIES	Hour meter, Fuel level gauge, Hydraulic level indicator, Engine oil temperature gauge, Hydraulic oil temperature gauge, Low engine oil pressure indicator, Battery charging indicator, High low beam indicator, Hazard warning indicator.
		MICELLANEOUS	• Full width fender • Rear view mirror • Back up horn • Front Tow hook • Tool Kit



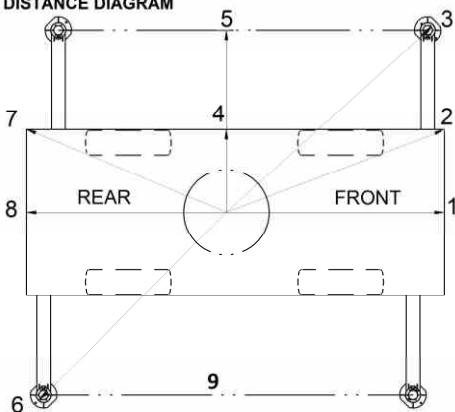
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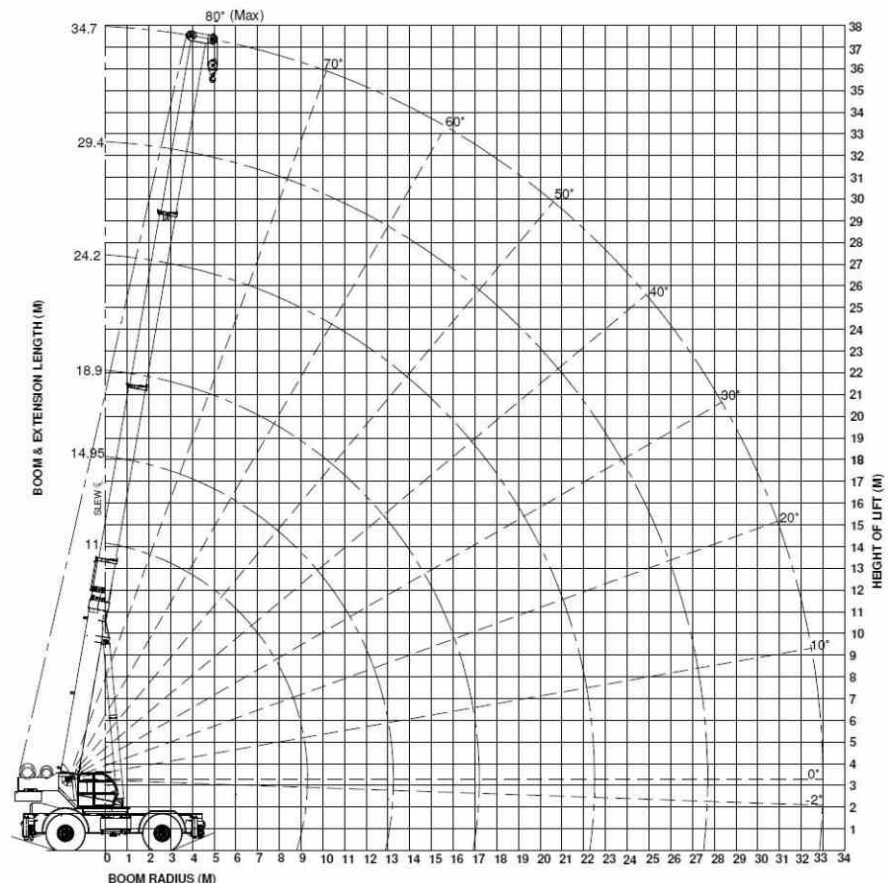
Load Chart (KGS)						
On Outrigger Fully Extended- 4 Section Boom						
Radius in Meters	Boom Length in Meters					
	11	14.95	18.9	24.2	29.4	34.7
3	80000	54100				
3.5	65000	53000	43050			
4	55800	51000	42000			
4.5	51000	47000	40500	32500		
5	46000	44400	38300	30400		
6	41700	38500	34000	27400	24500	
7	33000	33100	28700	23500	21000	
8		27500	25500	21500	19500	16500
9		22100	22000	19000	18500	15000
10		20000	19500	16500	16000	14000
12		17000	14000	13000	13000	13500
14			12050	11500	11000	11000
16			9900	9200	9000	8800
18				8000	7800	7600
20				6000	5500	5500
22					4500	4500
24					3500	3500
26					3000	3000
28						2000
30						1500
32						1000

Load Chart (KGS)				
On Wheel 29.5X25-28PR-E3, Pick & Carry, Over Front (4.0kmph)				
Radius in Meters	Boom Length in Meters			
	11	14.95	18.9	24.2
3	30300			
4	24000			
5	20000			
6	18000	13650		
7	15000	11650		
8		10000		
9		8000		
10		7900	7800	
12		7800	5800	
14			4000	4000
16			3000	3000
18			1700	1700
On Wheel (Stationary Capacity-360°)				
4.5	15000			
5	12000			
6	10000	8000	7710	
7	8500	7000	6210	
8		5000	4900	
9		4500	4000	
10		4000	3200	
12		3000	2500	

DISTANCE DIAGRAM



POSITION	DISTANCE IN METERS
1	4675
2	5020
3	5730
4	1850
5	3800
6	5230
7	4370
8	3960
9	8140

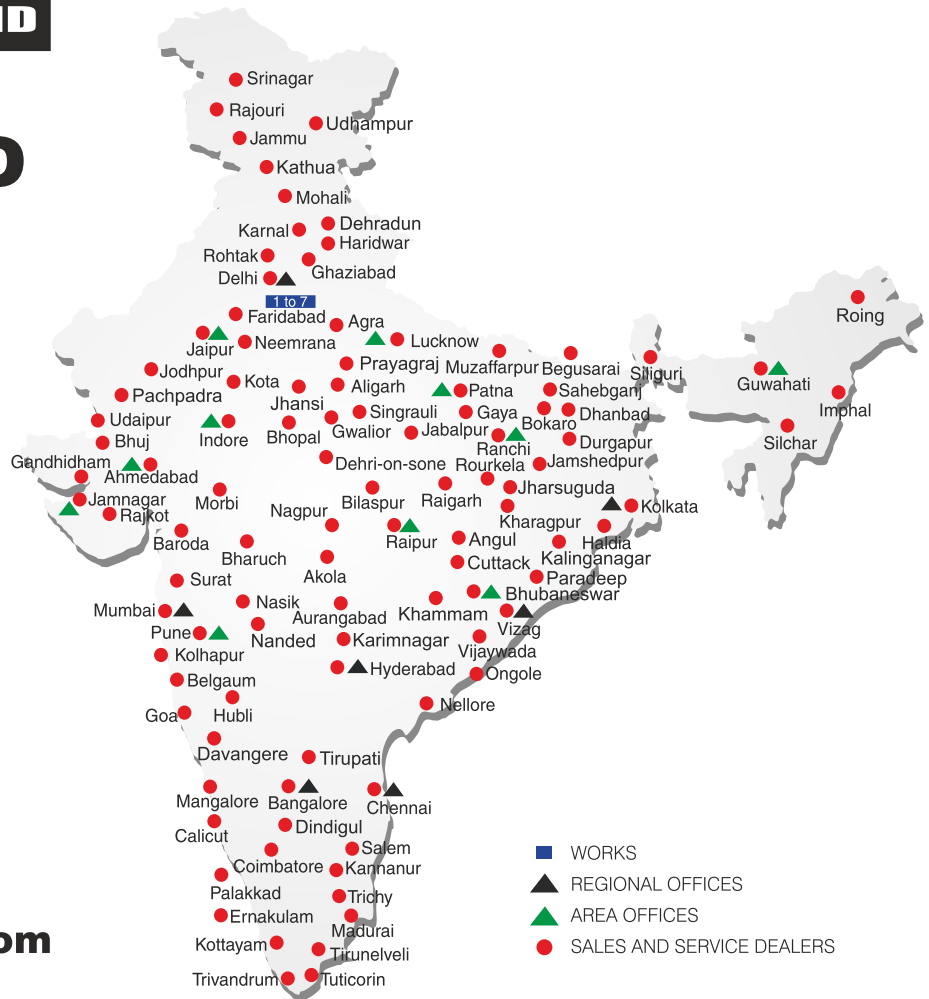


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Action Construction Equipment Ltd.

Contact:



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