

DOVE HYDRA CRANES



Pick 'N' Carry



SINGH & COMPANY

2138, PC 111, CPO Seeb, Muscat, Sultanate of Oman
Website:- www.singhandco.com

DOVE CRANES

DOVE CRANE-9&11

9T 28'/11T 28, [Standard]

Load Capacity : 9T & 11T
Boom Height : 8.5 m
Horizontal reach : 5.8 m
Engine power : 50 hp (Max.)@2200 rpm



Engine

Model & type Preet diesel engine; 3 Cylinder, Diesel
 Engine Rated Power 50 hp(max.)

Transmission

Type Eight forward and two reverse speeds with high and low selector.

Operating Timing

Steering(lock to lock)	7-9 Secs
Boom Raising	17-20 Secs
Boom Lowering	13-15 Secs
Telescoping Extension in	5-7 Secs
Telescoping Extension out	9-11 Secs
Hoist Line Speed	40 m/min.(single Line)

Tyres

Front	10.00x20 - 16 PR (Four Nos.)
Rear	13.00x24 - 12 PR(Two Nos.)

Boom Operating Weight

Telescoping	8350kg(9T),8850kg(11T)
Derricking	Two part, box type, hydraulically operated. Through two double acting cylinders.

DOVE CRANE-14

14T 42'/36' [Standard]

Load Capacity : 14T
Boom Height : 12.8 m (42'),
 11.1 m (36)
Horizontal reach : 9.76 m (42), 7.88 m(36)
Engine Power :60 hp (max.)
 @2200 rpm

Engine

Model & Type Preet diesel engine; 4 Cylinder, Diesel
 Engine Rated power 60hp (max.)

Transmission

Type Eight forward and two reverse speeds with high and low selector.

Operating Timing

	14 (42')	14 (36')
Steering (lock to lock)	6-9 Secs	6-9 Secs
Boom Raising	18-20 Secs	18-20 Secs
Boom Lowering	13-15 Secs	13-15 Secs
Telescoping Extension in	16-18 Secs	19-21 Secs
Telescoping Extension out	21-30 Secs	19-21 Secs
Hoist Line Speed	40 m/min. (Single line)	

Tyres

Front	11.00x20 - 16 PR (Four Nos.)
Rear	13.00x24 - 12 PR (Two Nos.)

Boom

Telescoping Three Part, box type, hydraulically operated.

Derricking Through two double acting cylinders.

Operating Weight 11500 kg (42') 11050 kg (36')



MOVE-IT

DOVE CRANE-16

16T 61' [Standard]

Load Capacity	: 16 T
Boom Height	: 18.6 m
Horizontal reach	: 16.4 m
Engine Power	: 60 hp (max.) @2200 rpm



Engine

Model & Type Preet diesel engine; 4 Cylinder, Diesel
Engine Rated Power 60 hp (max.)

Transmission

Type Eight forward and two reverse speeds with high and low selector.

Operating Timing

Steering (lock to lock)	6-9	Secs
Boom Raising	18-20	Secs
Boom Lowering	13-20	Secs
Telescoping Extension in	17-20	Secs
Telescoping Extension out	34-37	Secs
Hoist Line Speed	40 m/min. (Single line)	

Tyres

Front 11.00x20 - 16 PR (Four Nos.)
Rear 14.00x25 - 20 PR (Two Nos.)

Boom

Telescoping Four part, 2nd & 3rd parts are actuated by hydraulic cylinders and 4th part by Hydraulic assisted rope.

Derricking Through two double acting cylinders.

Operating Weight 13000 kg

DOVE CRANE-20

20T 61' [Standard]

Load Capacity	: 20t
Boom Height	: 18.7 M
Horizontal reach	: 15.7 M
Engine Power	: 65 hp@2200 rpm

Engine

Model & Type Preet diesel engine; 4 Cylinder, Diesel
Engine Rated power 65 hp.

Transmission

Type Eight forward and two reverse speeds with High and low selector.

Operating Timing

Steering (lock to lock)	6-9	Secs
Boom Raising	22-25	Secs
Boom Lowering	13-16	Secs
Telescoping Extension in	13-16	Secs
Telescoping Extension out	26-29	Secs
Hoist Line speed	55 m/min. (Single line)	

Tyres

Front 12.00x20 - 18 PR (Four Nos.)
Rear 14.00x25 - 20 PR (Two Nos.)

Boom

Telescoping Four Part, 2nd & 3rd Parts are actuated by hydraulic cylinders and 4th part by rope mechanism

Derricking Through two double acting cylinders.

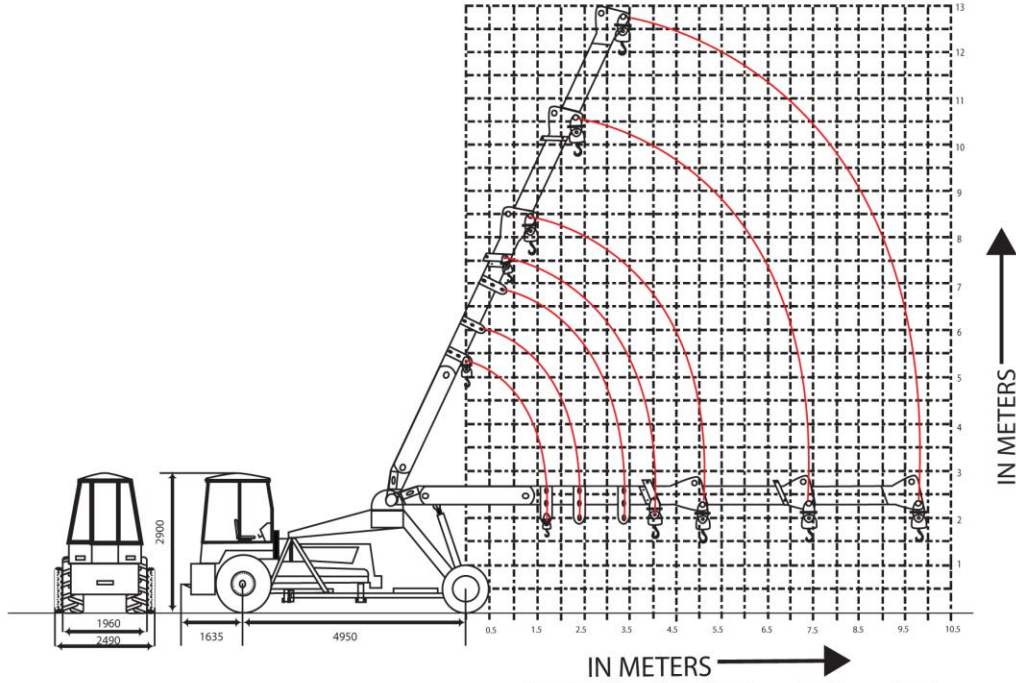
Operating Weight 15300 kg



LIFTING CHART



Dove Cranes-14 (42' Standard)



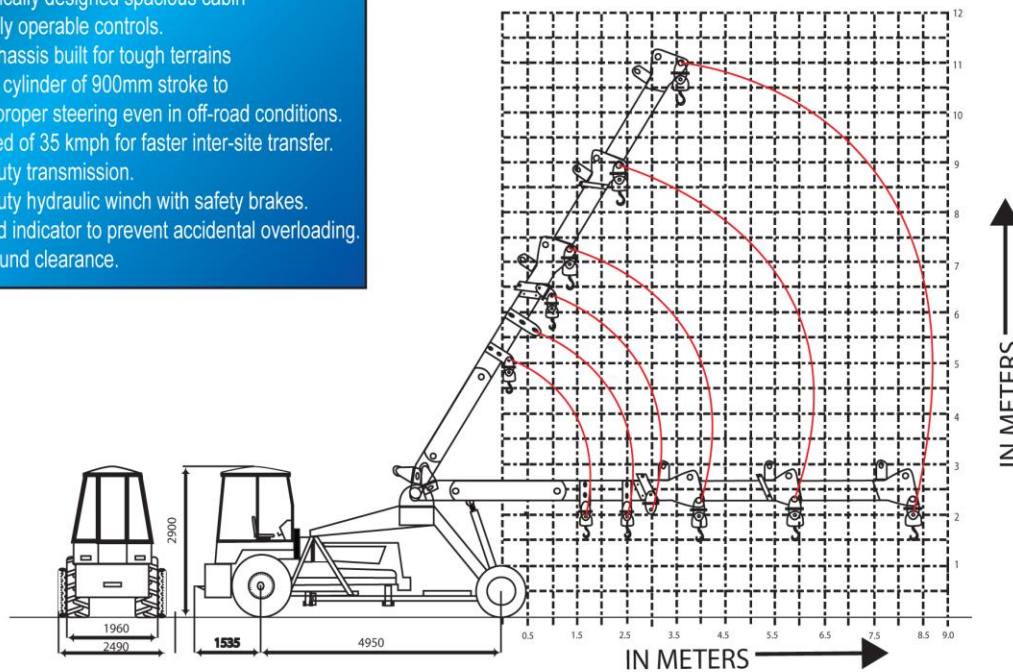
REACH-METERS
CAPACITY (TONNES)
85% DUTY

1.7	2.4	3.35	4.13	5.1	7.43	9.76
1.4	10	7.0	5.5	4.5	2.5	2.5

Features

- Three section telescopic boom.
- Self centralizing/compensating snatch block for auto leveling of roads.
- Ergonomically designed spacious cabin with easily operable controls.
- Sturdy chassis built for tough terrains
- Steering cylinder of 900mm stroke to ensure proper steering even in off-road conditions.
- Top speed of 35 kmph for faster inter-site transfer.
- Heavy duty transmission.
- Heavy duty hydraulic winch with safety brakes.
- Safe load indicator to prevent accidental overloading.
- High ground clearance.

Dove Cranes-14 (36' Standard)



REACH-METERS
CAPACITY (TONNES)
85% DUTY

1.7	2.4	3.13	4.0	5.83	8.16
1.4	10	7.5	6.0	4.0	3.0

**Coming
Soon**



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Bulldozer



SINGH & COMPANY

Our Other Global Operations



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