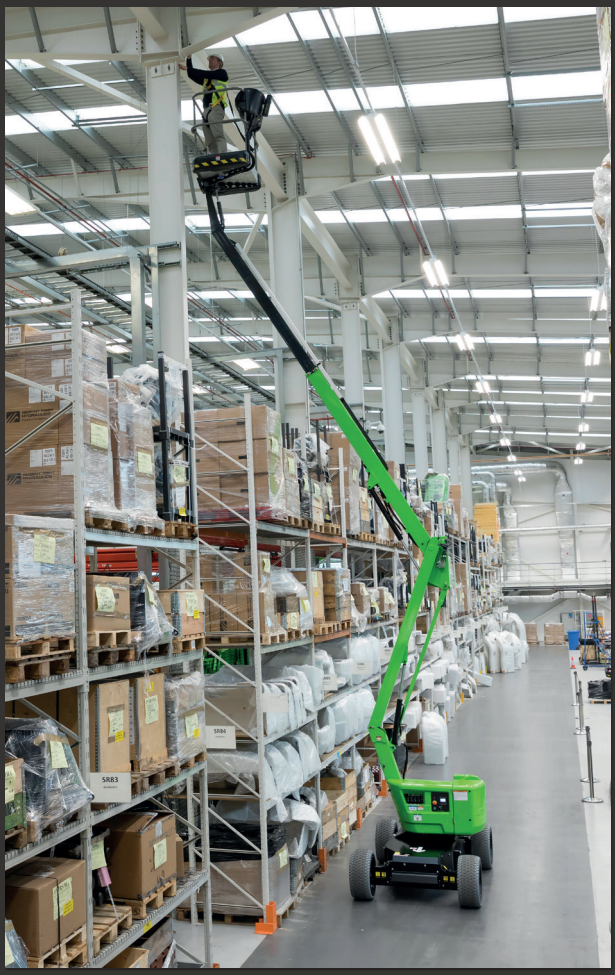
niftylift



niftylift.com



nifty 120

12.33 m
40 ft 6 in
(A)

10.33 m
34 ft
(B)

5 m
16 ft 6 in
(C)

1,195 kg
2,630 lbs

200 kg
440 lbs

4%
2.1°

1.1 m x 0.65 m
3 ft 7 in x 2 ft 2 in

1.9 m
6 ft 3 in

1.1 m
3 ft 7 in

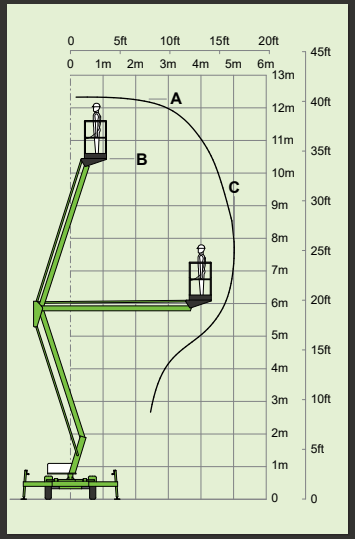
1.5 m
4 ft 11 in

2.7 m
8 ft 10 in

5.75 m
18 ft 10 in

D P

Bi-Energy





nifty 120T

12.2 m
40 ft
(A)

10.2 m
33 ft 6 in
(B)

6.1 m
20 ft
(C)

1,400 kg
3,100 lbs

200 kg
440 lbs

11%
6°

1.1 m x 0.65 m
3 ft 7 in x 2 ft 2 in

1.9 m
6 ft 3 in

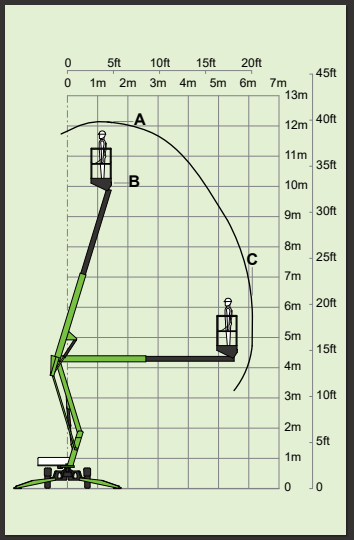
1.1 m
3 ft 7 in

1.5 m
4 ft 11 in

3.55 m
11 ft 8 in

4.5 m
14 ft 9 in

Bi-Energy





nifty 150T

14.7 m
48 ft 6 in
(A)

12.7 m
42 ft
(B)

7.55 m
25 ft
(C)

1,775 kg
3,915 lbs

225 kg
500 lbs

23%
13°

1.4 m x 0.7 m
4 ft 7 in x 2 ft 4 in

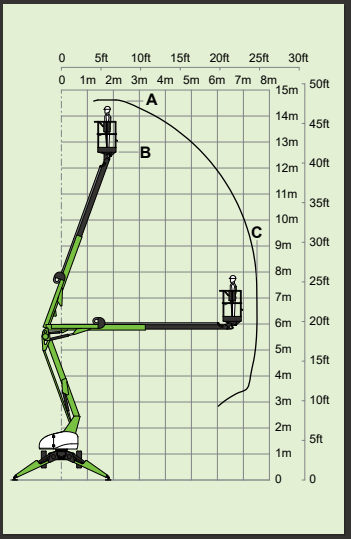
2 m
6 ft 7 in

1.6 m
5 ft 3 in

3.8 m
12 ft 6 in

5.55 m
18 ft 3 in

Bi-Energy





nifty 170

17.1 m
56 ft
(A)

15.1 m
49 ft 6 in
(B)

8.7 m
28 ft 6 in
(C)

2,160 kg
4760lbs

200 kg
440 lbs

14%
8°

1.1 m x 0.65 m
3 ft 7 in x 2 ft 2 in

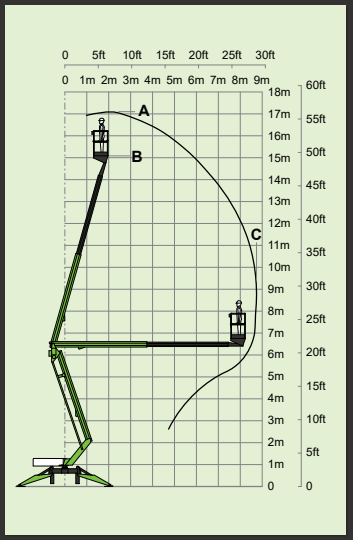
2.15 m
7 ft

1.65 m
5 ft 5 in

4.4 m
14 ft 5 in

6.2 m
20 ft 4 in

Bi-Energy





nifty 210

21 m
69 ft
(A)

19 m
62 ft 6 in
(B)

12 m
39 ft 6 in
(C)

3,495 kg
7,700 lbs

225 kg
500 lbs

17%
9.5°

100°

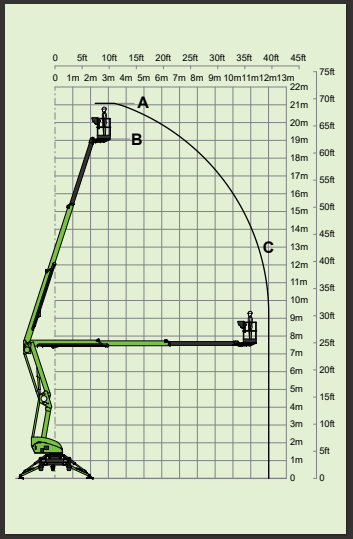
1.4 m x 0.7 m
4 ft 7 in x 2 ft 4 in

2.27 m
7ft 5 in

1.8 m
5 ft 11 in

4.3 m
14 ft 1 in

6.95 m
22 ft 10 in





nifty HR12LE

12.1 m
39 ft 6 in
(A)

10.1 m
33 ft
(B)

6.4 m
21 ft
(C)

2,540 kg
5,600 lbs

200 kg
440 lbs

1.2 m x 0.85 m
3 ft 11 in x 2 ft 9 in

1.98 m
6 ft 6 in

1.79 m
5 ft 11 in

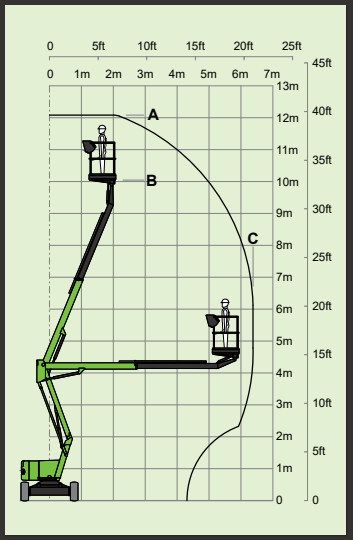
3.97 m
13 ft

6 km/h
3.7 mph

3.63 m
11 ft 11in

25%
14°

All-**Electric**





nifty HR12NE

12.1 m
39 ft 6 in
(A)

10.1 m
33 ft
(B)

6.4 m
21 ft
(C)

3,480 kg
7,670 lbs

225 kg
500 lbs

1.2 m x 0.85 m
3 ft 11 in x 2 ft 9 in

1.98 m
6 ft 6 in

1.5 m
4 ft 11 in

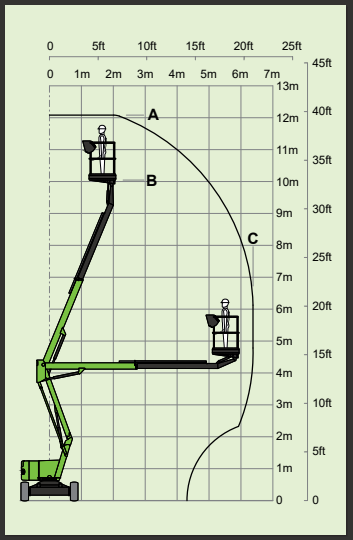
3.97 m
13 ft

6 km/h
3.7 mph

3.3 m
10ft 10in

25%
14°

All-**Electric**
Diesel-**Electric**





nifty HR12 4x4

12.1 m
39 ft 6 in
(A)

10.1 m
33 ft
(B)

6.4 m
21 ft
(C)

3,450 kg
7,610 lbs

227 kg
500 lbs

1.2 m x 0.85 m
3 ft 11 in x 2 ft 9 in

1.99 m
6 ft 6 in

1.6 m
5 ft 3 in

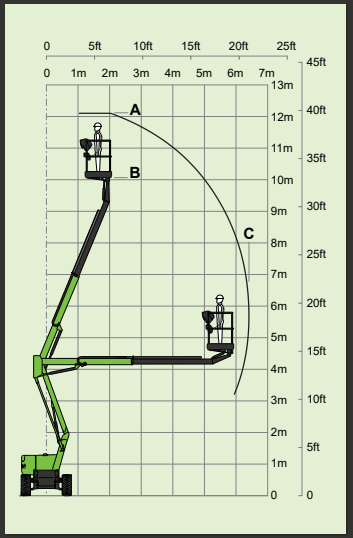
4.05 m
13 ft 3 in

5 km/h
3.1 mph

3.45 m
11 ft 6 in

40%
22°

Hybrid²



nifty HR15N



15.5 m
51 ft
(A)

13.5 m
44 ft
(B)

9.7 m
32 ft
(C)

7,250 kg
15,980 lbs

227 kg
500 lbs

150°

180°

1.5 m x 0.8 m
4 ft 11 in x 2 ft 8 in

1.99 m
6 ft 6 in

1.5 m
4 ft 11 in

4.93 m
16 ft 2 in

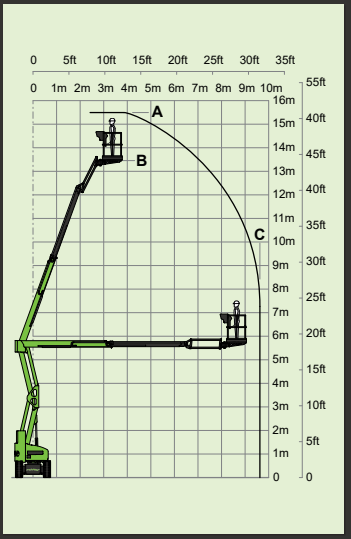
6.4 m
21 ft

3.5 km/h
2.2 mph

3.5 m
11 ft 6 in

25%
14°

All-Electric
Hybrid²





nifty HR15E

15.7 m
51 ft 6 in
(A)

13.7 m
45 ft
(B)

9.4 m
31 ft
(C)

4,680 kg
10,320 lbs

227 kg
500 lbs

150°

180°

1.8 m x 0.85 m
5 ft 11 in x 2 ft 9 in

2.1 m
6 ft 11 in

2 m
6 ft 7 in

4.8 m
15 ft 9in

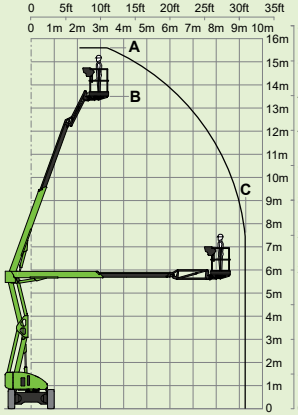
6.35 m
20 ft 10 in

6 km/h
3.7 mph

3.7 m
12 ft 2 in

35%
19°

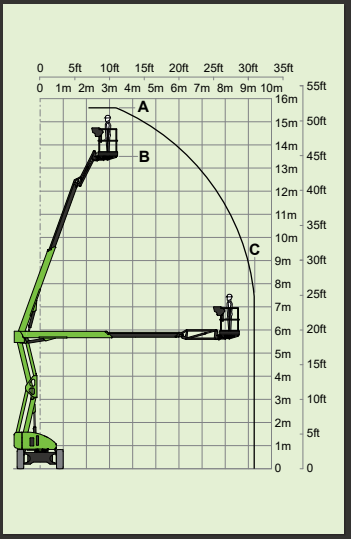
All-**Electric**
Hydrogen-**Electric**



nifty HR15 4x4



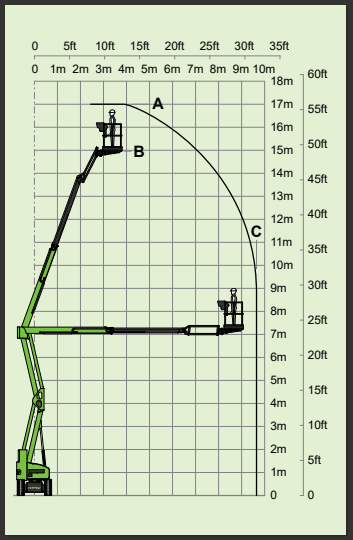
15.7 m 51 ft 6 in (A)	13.7 m 45 ft (B)	9.4 m 31 ft (C)	4,500*/4,800 kg 9,920*/10,580 lbs
227 kg 500 lbs	150°	180°	1.8 m x 0.85 m 5 ft 11 in x 2 ft 9 in
2.1 m 6 ft 11 in	2 m 6 ft 7 in	4.8 m 15 ft 9 in	6.35 m 20 ft 10 in
6 km/h 3.7 mph	3.7 m 12 ft 2 in	45% 24°	D* Hybrid²





nifty HR17N

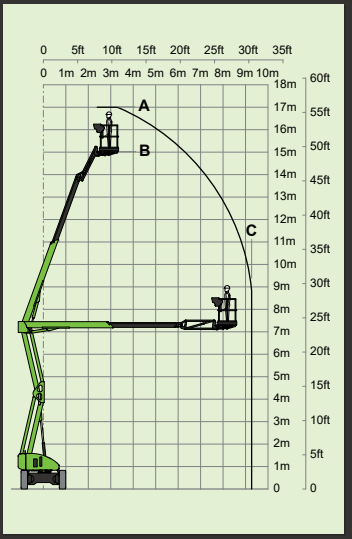
17 m 56 ft (A)	15 m 49 ft 6 in (B)	9.7 m 32 ft (C)	7,780 kg 17,155 lbs
227 kg 500 lbs	150°	180°	1.5 m x 0.8 m 4 ft 11 in x 2 ft 8 in
1.99 m 6 ft 6 in	1.5 m 4 ft 11 in	4.93 m 16 ft 2 in	6.4 m 21 ft
3.5 km/h 2.2 mph	3.5 m 11 ft 6 in	25% 14°	All-Electric Hybrid²



nifty HR17E



17.2 m 56 ft 6 in (A)	15.2 m 50 ft (B)	9.4 m 31 ft (C)	4,970 kg 10,960 lbs
227 kg 500 lbs	150°	180°	1.8 m x 0.85 m 5 ft 11 in x 2 ft 9 in
2.1 m 6 ft 11 in	2 m 6 ft 7 in	4.8 m 15 ft 9 in	6.35 m 20 ft 10 in
6 km/h 3.7 mph	3.7 m 12 ft 2 in	35% 19°	All-**Electric** Hydrogen-**Electric**





nifty HR17 4x4

17.2 m
56 ft 6 in
(A)

15.2 m
50 ft
(B)

9.4 m
31 ft
(C)

5,000 kg
11,020 lbs

227 kg
500 lbs

150°

180°

1.8 m x 0.85m
5 ft 11 in x 2 ft 9 in

2.1 m
6 ft 11 in

2 m
6 ft 7 in

4.8 m
15 ft 9 in

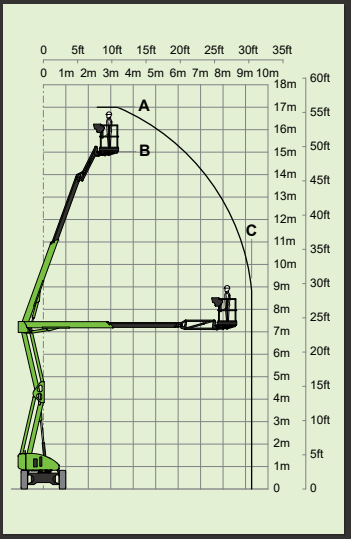
6.35 m
20 ft 10 in

6 km/h
3.7 mph

3.7 m
12 ft 2 in

45%
24°

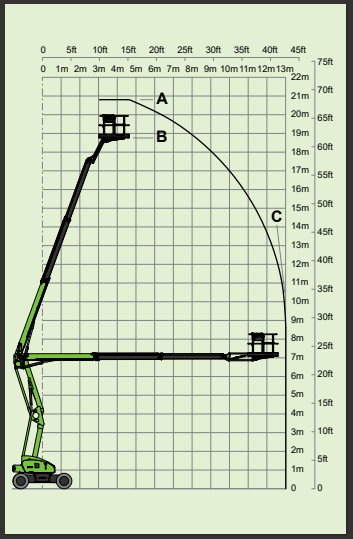
Hybrid²



nifty HR21E



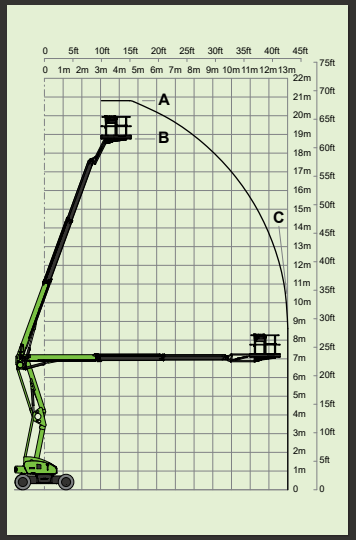
20.8 m 68 ft 6 in (A)	18.8 m 62 ft (B)	13 m 42 ft 8 in (C)	6,630 kg 14,620 lbs
250 kg 550 lbs	150°	160°	1.8 m x 0.8 m 5 ft 11 in x 2 ft 8 in
2.18 m 7 ft 2 in	2.27 m 7 ft 5 in	5.47 m 17 ft 11 in	6.62 m 22 ft
6 km/h 3.7 mph	3.89 m 12 ft 9 in	25% 14°	All-**Electric**



nifty HR21 4x4



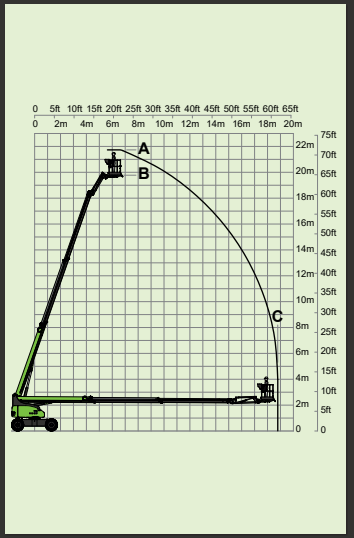
20.8 m 68 ft 6 in (A)	18.8 m 62 ft (B)	13 m 42 ft 8 in (C)	6,640 kg 14,640 lbs
250 kg 550 lbs	150°	160°	1.8 m x 0.8 m 5 ft 11 in x 2 ft 8 in
2.18 m 7 ft 2 in	2.27 m 7 ft 5 in	5.47 m 17 ft 11 in	6.62 m 22 ft
6 km/h 3.7 mph	3.89 m 12 ft 9 in	45% 24°	Hybrid²



nifty HR22SE



21.7 m 71 ft (A)	19.7 m 65 ft (B)	18.8 m 62 ft (C)	9,980/10,220* kg 22,000/22,530* lbs
280 kg 620 lbs	150°	180°	2.4 m x 0.9 m 7 ft 10 in x 2 ft 11in
2.7 m 8 ft 10 in	2.49 m 8 ft 2 in	7.2 m 23 ft 7 in	9.09 m 29 ft 10 in
5.5 km/h 3.4 mph	7.72 m 25 ft 4 in	30% 17°	All-**Electric** Diesel-**Electric***





nifty HR28 4x4

28 m
92 ft
(A)

26 m
85 ft 6 in
(B)

19 m
62 ft
(C)

14,380*/14,460 kg
31,700*/31,880 lbs

280 kg
620 lbs

150°

180°

2.4 m x 0.9 m
7 ft 10 in x 2 ft 11in

2.7 m
8 ft 10 in

2.49 m
8 ft 2 in

7.3 m
23 ft 11 in

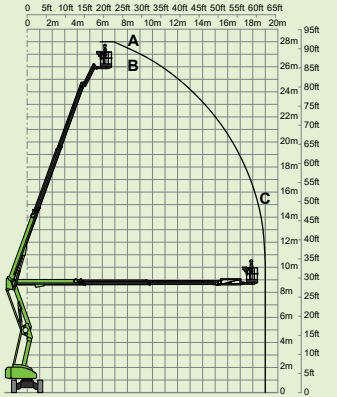
9.28 m
30 ft 5 in

4.7 km/h
3 mph

5.9 m
19 ft 4 in

35%*/40%
19°*/22°

* Hybrid²



nifty SD170 4x4



17.1 m
56 ft
(A)

15.1 m
49 ft 6 in
(B)

8.7 m
28 ft 6 in
(C)

2,750 kg
6,060 lbs

200 kg
440 lbs

9%
5°

1.1 m x 0.65 m
3 ft 7 in x 2 ft 2 in

2.2 m
7 ft 3 in

1.6 m
5 ft 3 in

4.4 m
14 ft 5 in

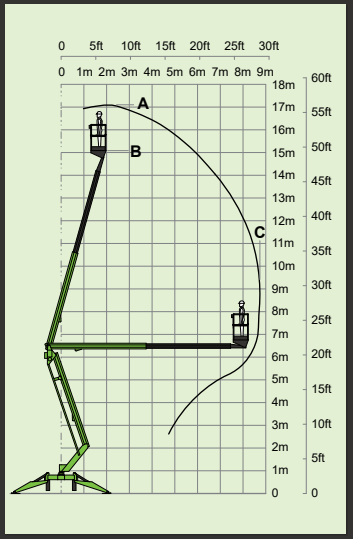
5.6 m
18 ft 4 in

8.3 km/h
5.2 mph

5.95 m
19 ft 6 in

30%
17°

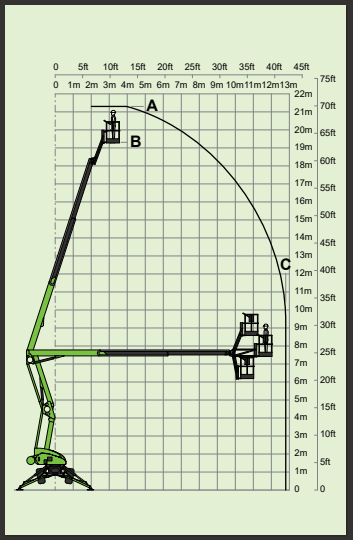
Bi-Energy





nifty SD210 4x4x4

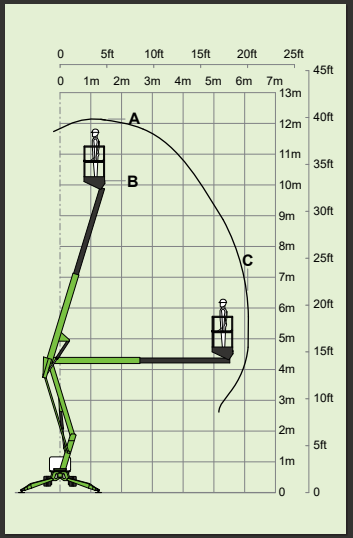
21.3 m 70 ft (A)	19.3 m 63 ft 6 in (B)	12.8 m 42 ft (C)	3,950 kg 8,700 lbs
227 kg 500 lbs	150°	100°	1.8 m x 0.85 m 5 ft 11 in x 2 ft 9 in
2.25 m 7 ft 5 in	2.05 m 6 ft 9 in	4.2 m 13 ft 9 in	6.15 m 20 ft 2 in
9 km/h 5.6 mph	3.5 m 11 ft 6 in	45% 24°	18% 10°

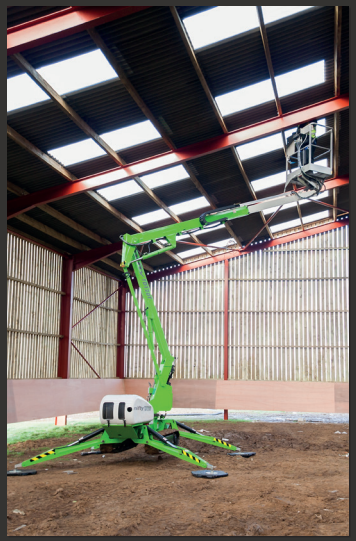


nifty TD120TN



12.2 m 40 ft (A)	10.2 m 33 ft 6 in (B)	6.1 m 20 ft (C)	1,890 kg 4,170 lbs
200 kg 440 lbs	13% 7.2°		1.1 m x 0.65 m 3 ft 7 in x 2 ft 2 in
1.95 m 6 ft 5 in	0.8 m 2 ft 7 in	1.15 m 3 ft 8 in	3 m 9 ft 10 in
4 m 13 ft 1 in	1.6 km/h 1 mph	60% 31°	D





nifty TD120T

12.2 m
40 ft
(A)

10.2 m
33 ft 6 in
(B)

6.1 m
20 ft
(C)

1,890 kg
4,170 lbs

200 kg
440 lbs

13%
7.6°

1.1 m x 0.65 m
3 ft 7 in x 2 ft 2 in

1.9 m
6 ft 3 in

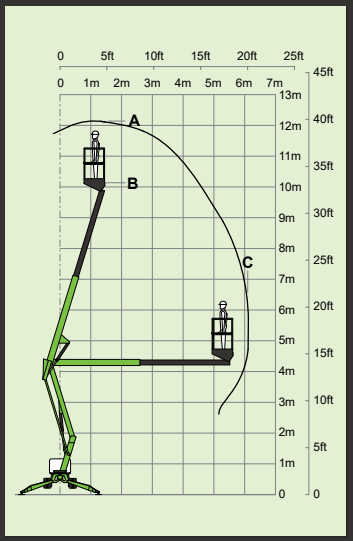
1.1 m
3 ft 7 in

3.55 m
11 ft 8 in

3.95 m
13 ft

1.6 km/h
1 mph

60%
31°





nifty TD150T

14.7 m
48 ft 6 in
(A)

12.7 m
42 ft
(B)

7.55 m
25 ft
(C)

2,025 kg
4,500 lbs

225 kg
500 lbs

21%
12°

1.4 m x 0.7 m
4 ft 7 in x 2 ft 4 in

2 m
6 ft 7 in

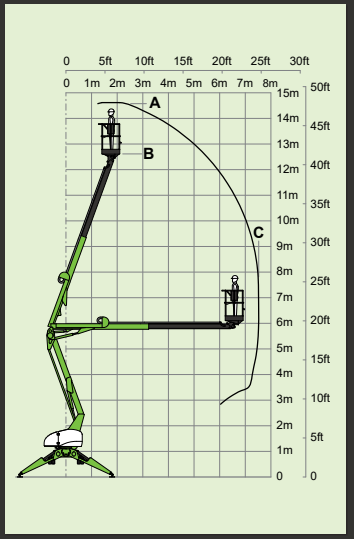
1.4 m
4 ft 7 in

3.8 m
12 ft 6 in

4.7 m
15 ft 5 in

2.1 km/h
1.3 mph

45%
24°



IPAF

CE

Bi-Energy

Gen² Hybrid

All-Electric

HIRE ASSOCIATION EUROPE

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nqa

ISO 9001

QUALITY MANAGEMENT

nqa

ISO 14001

ENVIRONMENTAL MANAGEMENT

nqa

ISO 45001

HEALTH & SAFETY MANAGEMENT

Niftylink®

1. 

2. 

	Nifty 120	Nifty 120T	Nifty 150T	Nifty 170	Nifty 210
1. [kN]	8.21	9.42	11.77	13.89	21.9
2. [kN/m²]	450	290	375	257	322

	SD170	SD210	TD120TN	TD120T	TD150T
1. [kN]	17.36	24.59	12.3	12.3	13.24
2. [kN/m²]	345	441	379	379	421

1. 

2. 

	HR12LE	HR12NE	HR12 4x4	HR15N	HR15E	HR15 4x4 (D)	HR15 4x4 (H)	HR17NE
1. [kN]	16.13	21.81	21.64	44.01	28.88	27.82	29.59	47.13
2. [kN/m²]	414	495	943	1294	781	752	800	1386

	HR17E	HR17 4x4	HR21E	HR21 4x4	HR22SE	HR22SDE	HR28 4x4 (B)	HR28 4x4 (H)
1. [kN]	30.59	30.77	40.50	40.55	60.39	61.8	86.29	86.76
2. [kN/m²]	827	832	1094	1096	889	910	1271	1278

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