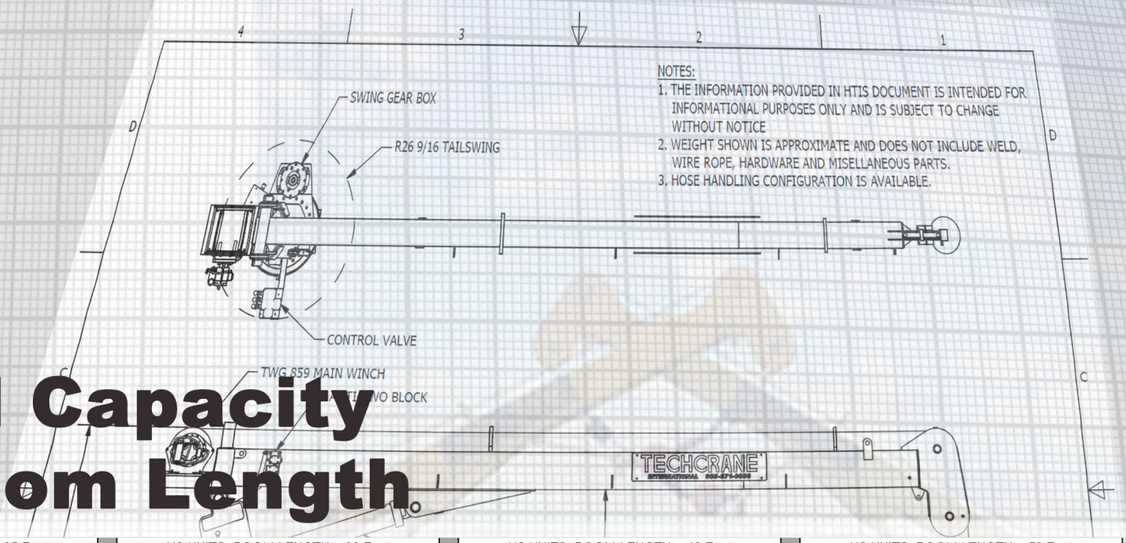
F5



NOTES:
1. THE INFORMATION PROVIDED IN HTIS DOCUMENT IS INTENDED FOR INFORMATIONAL PURPOSES ONLY AND IS SUBJECT TO CHANGE WITHOUT NOTICE
2. WEIGHT SHOWN IS APPROXIMATE AND DOES NOT INCLUDE WELD, WIRE ROPE, HARDWARE AND MISELLANEOUS PARTS.
3. HOSE HANDLING CONFIGURATION IS AVAILABLE.

Load Capacity By Boom Length

US UNITS: BOOM LENGTH = 15 Feet

REACH (ft)	ANGLE (deg)	ONBOARD LOAD (*STATIC*) lbs	OFFBOARD LOAD (*DYNAMIC*) lbs
2	82.5	7,600	5,054
5	70.6	7,600	5,054
10	48.5	5,500	3,658
15	0	5,000	3,325

US UNITS: BOOM LENGTH = 20 Feet

REACH (ft)	ANGLE (deg)	ONBOARD LOAD (*STATIC*) lbs	OFFBOARD LOAD (*DYNAMIC*) lbs
3.2	82.5	7,600	5,054
5	77.2	7,600	5,054
10	62.2	7,600	5,054
15	44.5	5,900	3,924
20	0	5,000	3,325

US UNITS: BOOM LENGTH = 25 Feet

REACH (ft)	ANGLE (deg)	ONBOARD LOAD (*STATIC*) lbs	OFFBOARD LOAD (*DYNAMIC*) lbs
3.5	82.5	7,600	5,054
5	75	6,800	4,522
10	70	5,500	3,658
15	58	5,200	3,458
20	39	4,200	2,793
25	0	3,550	2,361

US UNITS: BOOM LENGTH = 30 Feet

REACH (ft)	ANGLE (deg)	ONBOARD LOAD (*STATIC*) lbs	OFFBOARD LOAD (*DYNAMIC*) lbs
3.9	82.5	7,600	5,054
5	80.4	6,200	4,123
10	70.6	5,100	3,392
15	60.1	4,860	3,232
20	48.3	3,870	2,574
25	33.8	3,050	2,028
30	0	2,560	1,702

US UNITS: BOOM LENGTH = 40 Feet

REACH (ft)	ANGLE (deg)	ONBOARD LOAD (*STATIC*) lbs	OFFBOARD LOAD (*DYNAMIC*) lbs
5	82.5	5,887	3,915
10	75.5	4,047	2,691
15	68	3,007	2,000
20	60	2,364	1,572
25	51.3	1,927	1,281
30	41.4	1,613	1,073
35	29	1,378	916
40	0	1,220	811

US UNITS: BOOM LENGTH = 50 Feet

REACH (ft)	ANGLE (deg)	ONBOARD LOAD (*STATIC*) lbs	OFFBOARD LOAD (*DYNAMIC*) lbs
6	82.5	4,820	3,205
10	78.5	3,900	2,594
15	72.5	2,880	1,915
20	66.4	2,040	1,357
25	60	1,560	1,037
30	53	1,380	918
35	45.6	1,200	798
40	36.9	1,100	732
45	25.8	1,010	672
50	0	900	599

SI UNITS BOOM LENGTH = 4.6 Meters

REACH (m)	ANGLE (deg)	ONBOARD LOAD (*STATIC*) Kg	OFFBOARD LOAD (*DYNAMIC*) Kg
0.6	82.5	3,455	2,297
1.5	70.6	3,455	2,297
3.0	48.5	2,500	1,663
4.6	0	2,273	1,511

SI UNITS BOOM LENGTH = 6 Meters

REACH (m)	ANGLE (deg)	ONBOARD LOAD (*STATIC*) Kg	OFFBOARD LOAD (*DYNAMIC*) Kg
1.0	82.5	3,455	2,297
1.5	77.2	3,455	2,297
3.0	62.2	3,455	2,297
4.6	44.5	2,682	1,783
6.1	0	2,273	1,511

SI UNITS BOOM LENGTH = 7.6 Meters

REACH (m)	ANGLE (deg)	ONBOARD LOAD (*STATIC*) Kg	OFFBOARD LOAD (*DYNAMIC*) Kg
1.1	82.5	3,455	2,297
1.5	75	3,091	2,055
3.0	70	2,500	1,663
4.6	58	2,364	1,572
6.1	39	1,909	1,270
7.6	0	1,614	1,073

SI UNITS BOOM LENGTH = 9 Meters

REACH (m)	ANGLE (deg)	ONBOARD LOAD (*STATIC*) Kg	OFFBOARD LOAD (*DYNAMIC*) Kg
1.2	82.5	3,455	2,297
1.5	80.4	2,818	1,874
3.0	70.6	2,318	1,542
4.6	60.1	2,209	1,469
6.1	48.3	1,759	1,170
7.6	33.8	1,386	922
9.1	0	1,164	774

SI UNITS BOOM LENGTH = 12 Meters

REACH (m)	ANGLE (deg)	ONBOARD LOAD (*STATIC*) Kg	OFFBOARD LOAD (*DYNAMIC*) Kg
1.5	82.5	2,676	1,779
3.0	75.5	1,840	1,223
4.6	68	1,367	909
6.1	60	1,075	715
7.6	51.3	876	582
9.1	41.4	733	488
10.7	29	626	417
12.2	0	555	369

SI UNITS BOOM LENGTH = 15 Meters

REACH (m)	ANGLE (deg)	ONBOARD LOAD (*STATIC*) Kg	OFFBOARD LOAD (*DYNAMIC*) Kg
1.8	82.5	2,191	1,457
3.0	78.5	1,773	1,179
4.6	72.5	1,309	871
6.1	66.4	927	617
7.6	60	709	472
9.1	53	627	417
10.7	45.6	545	363
12.2	36.9	500	333
13.7	25.8	459	305
15.2	0	409	272

LOAD CHART CREATOR: DSHAD 12/2018 rev1.0 - Values listed subject to change without notice. - Values reflect structural capacities and may vary with configuration via client specification. Offboard denotes a devault CV=2. Sea State Load Charts are available by request and in conjunction with client supplied vessel data.

Designed and Manufactured under the controls set forth by

2C-0067

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