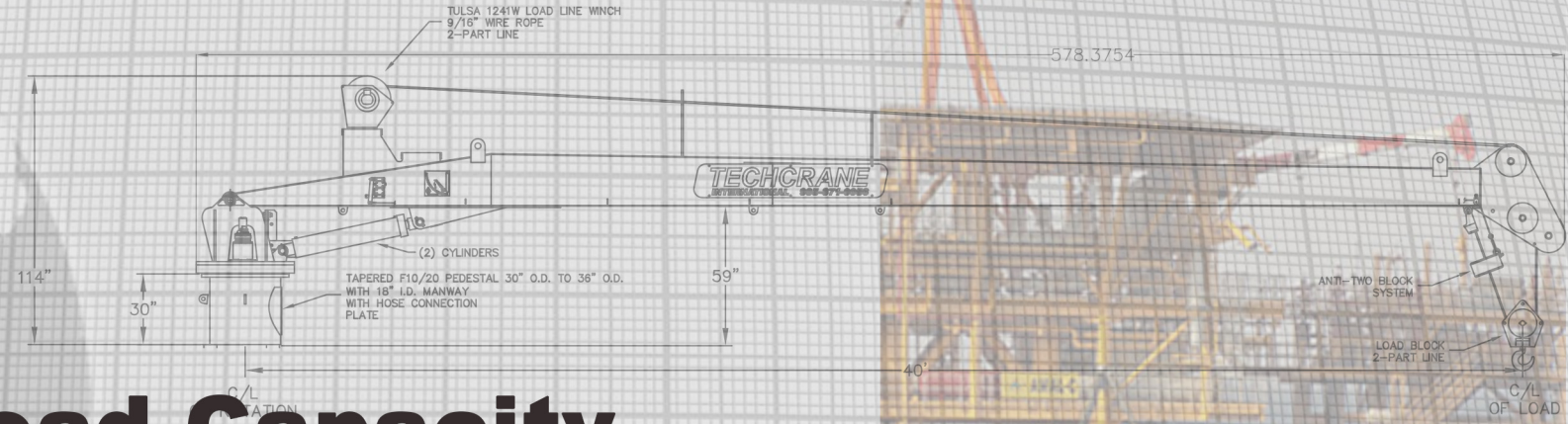


F20



Load Capacity By Boom Length

| US UNITS: BOOM LENGTH = 25 Feet | | | | US UNITS: BOOM LENGTH = 30 Feet | | | | US UNITS: BOOM LENGTH = 40 Feet | | | | US UNITS: BOOM LENGTH = 50 Feet | | | | US UNITS: BOOM LENGTH = 60 Feet | | | | US UNITS: BOOM LENGTH = 65 Feet | | | | | | | |
|---------------------------------|-------------|---------------------------|-----------------------------|---------------------------------|-------------|---------------------------|-----------------------------|---------------------------------|-------------|---------------------------|-----------------------------|---------------------------------|-------------|---------------------------|-----------------------------|---------------------------------|-------------|---------------------------|-----------------------------|---------------------------------|-------------|---------------------------|-----------------------------|------------|-------------|---------------------------|-----------------------------|
| REACH (ft) | ANGLE (deg) | ONBOARD LOAD (STATIC) lbs | OFFBOARD LOAD (DYNAMIC) lbs | REACH (ft) | ANGLE (deg) | ONBOARD LOAD (STATIC) lbs | OFFBOARD LOAD (DYNAMIC) lbs | REACH (ft) | ANGLE (deg) | ONBOARD LOAD (STATIC) lbs | OFFBOARD LOAD (DYNAMIC) lbs | REACH (ft) | ANGLE (deg) | ONBOARD LOAD (STATIC) lbs | OFFBOARD LOAD (DYNAMIC) lbs | REACH (ft) | ANGLE (deg) | ONBOARD LOAD (STATIC) lbs | OFFBOARD LOAD (DYNAMIC) lbs | REACH (ft) | ANGLE (deg) | ONBOARD LOAD (STATIC) lbs | OFFBOARD LOAD (DYNAMIC) lbs | REACH (ft) | ANGLE (deg) | ONBOARD LOAD (STATIC) lbs | OFFBOARD LOAD (DYNAMIC) lbs |
| 4.1 | 81.2 | 23,000 | 13,905 | 4.8 | 81.2 | 23,000 | 13,905 | 6 | 81.2 | 23,000 | 13,905 | 8 | 81.2 | 23,000 | 13,905 | 9 | 82.5 | 23,000 | 13,905 | 10 | 81.2 | 23,000 | 13,905 | 10 | 81.2 | 23,000 | 13,905 |
| 5 | 80.8 | 23,000 | 13,905 | 5 | 80.8 | 23,000 | 13,905 | 10 | 75.5 | 22,470 | 13,584 | 10 | 78.5 | 22,100 | 13,360 | 10 | 80.4 | 21,980 | 13,288 | 15 | 76.7 | 20,990 | 12,689 | 15 | 76.7 | 20,990 | 12,689 |
| 10 | 70.9 | 23,000 | 13,905 | 10 | 70.9 | 22,080 | 13,348 | 15 | 68 | 22,020 | 13,312 | 15 | 72.5 | 21,000 | 12,695 | 15 | 75.5 | 20,800 | 12,575 | 20 | 72.1 | 17,580 | 10,628 | 20 | 72.1 | 17,580 | 10,628 |
| 15 | 60.4 | 23,000 | 13,905 | 15 | 60.4 | 20,214 | 12,220 | 20 | 60 | 18,973 | 11,470 | 20 | 66.4 | 18,661 | 11,281 | 20 | 70.5 | 17,220 | 10,410 | 25 | 67.4 | 14,022 | 8,477 | 25 | 67.4 | 14,022 | 8,477 |
| 20 | 48.6 | 21,200 | 12,816 | 20 | 48.6 | 19,700 | 11,910 | 25 | 51.3 | 14,572 | 8,809 | 25 | 60 | 14,240 | 8,609 | 25 | 65.4 | 13,800 | 8,343 | 30 | 62.5 | 10,996 | 6,648 | 30 | 62.5 | 10,996 | 6,648 |
| 25 | 34 | 15,287 | 9,242 | 25 | 34 | 15,287 | 9,242 | 30 | 41.4 | 11,638 | 7,036 | 30 | 53.1 | 11,293 | 6,827 | 30 | 60 | 10,235 | 6,188 | 35 | 57.4 | 8,835 | 5,341 | 35 | 57.4 | 8,835 | 5,341 |
| | | | | 30 | 0 | 12,325 | 7,451 | 35 | 29 | 9,542 | 5,769 | 35 | 45.6 | 9,188 | 5,555 | 35 | 54.3 | 8,700 | 5,260 | 40 | 52 | 7,215 | 4,362 | 40 | 52 | 7,215 | 4,362 |
| | | | | | | | | 40 | 0 | 7,971 | 4,819 | 40 | 36.9 | 7,609 | 4,600 | 40 | 48.2 | 7,043 | 4,258 | 45 | 46.2 | 5,954 | 3,599 | 45 | 46.2 | 5,954 | 3,599 |
| | | | | | | | | | | | | 45 | 25.8 | 6,381 | 3,858 | 45 | 41.4 | 5,822 | 3,520 | 50 | 39.7 | 4,946 | 2,990 | 50 | 39.7 | 4,946 | 2,990 |
| | | | | | | | | | | | | 50 | 0 | 5,399 | 3,264 | 50 | 33.6 | 4,880 | 2,950 | 55 | 32.2 | 4,121 | 2,491 | 55 | 32.2 | 4,121 | 2,491 |
| | | | | | | | | | | | | | | | | 55 | 23.6 | 4,200 | 2,539 | 60 | 22.6 | 3,433 | 2,075 | 60 | 22.6 | 3,433 | 2,075 |
| | | | | | | | | | | | | | | | | 60 | 0 | 3,188 | 1,927 | 65 | 0 | 2,845 | 1,720 | 65 | 0 | 2,845 | 1,720 |

| SI UNITS BOOM LENGTH = 7.6 Meters | | | | SI UNITS BOOM LENGTH = 9 Meters | | | | SI UNITS BOOM LENGTH = 12 Meters | | | | SI UNITS BOOM LENGTH = 15 Meters | | | | SI UNITS BOOM LENGTH = 18 Meters | | | | SI UNITS BOOM LENGTH = 19.8 Meters | | | | | | | |
|-----------------------------------|-------------|--------------------------|----------------------------|---------------------------------|-------------|--------------------------|----------------------------|----------------------------------|-------------|--------------------------|----------------------------|----------------------------------|-------------|--------------------------|----------------------------|----------------------------------|-------------|--------------------------|----------------------------|------------------------------------|-------------|--------------------------|----------------------------|-----------|-------------|--------------------------|----------------------------|
| REACH (m) | ANGLE (deg) | ONBOARD LOAD (STATIC) Kg | OFFBOARD LOAD (DYNAMIC) Kg | REACH (m) | ANGLE (deg) | ONBOARD LOAD (STATIC) Kg | OFFBOARD LOAD (DYNAMIC) Kg | REACH (m) | ANGLE (deg) | ONBOARD LOAD (STATIC) Kg | OFFBOARD LOAD (DYNAMIC) Kg | REACH (m) | ANGLE (deg) | ONBOARD LOAD (STATIC) Kg | OFFBOARD LOAD (DYNAMIC) Kg | REACH (m) | ANGLE (deg) | ONBOARD LOAD (STATIC) Kg | OFFBOARD LOAD (DYNAMIC) Kg | REACH (m) | ANGLE (deg) | ONBOARD LOAD (STATIC) Kg | OFFBOARD LOAD (DYNAMIC) Kg | REACH (m) | ANGLE (deg) | ONBOARD LOAD (STATIC) Kg | OFFBOARD LOAD (DYNAMIC) Kg |
| 1.3 | 81.2 | 10,455 | 6,320 | 1.5 | 81.2 | 10,455 | 6,320 | 1.8 | 81.2 | 10,455 | 6,320 | 2.4 | 81.2 | 10,455 | 6,320 | 2.7 | 82.5 | 10,455 | 6,320 | 3.0 | 81.2 | 10,455 | 6,320 | 3.0 | 81.2 | 10,455 | 6,320 |
| 1.5 | 80.8 | 10,455 | 6,320 | 1.5 | 80.8 | 10,455 | 6,320 | 3.0 | 75.5 | 10,214 | 6,175 | 3.0 | 78.5 | 10,045 | 6,073 | 3.0 | 80.4 | 9,991 | 6,040 | 4.6 | 76.7 | 9,541 | 5,768 | 4.6 | 76.7 | 9,541 | 5,768 |
| 3.0 | 70.9 | 10,455 | 6,320 | 3.0 | 70.9 | 10,036 | 6,067 | 4.6 | 68 | 10,009 | 6,051 | 4.6 | 72.5 | 9,545 | 5,771 | 4.6 | 75.5 | 9,455 | 5,716 | 6.1 | 72.1 | 7,991 | 4,831 | 6.1 | 72.1 | 7,991 | 4,831 |
| 4.6 | 60.4 | 10,455 | 6,320 | 4.6 | 60.4 | 9,188 | 5,555 | 6.1 | 60 | 8,624 | 5,214 | 6.1 | 66.4 | 8,482 | 5,128 | 6.1 | 70.5 | 7,827 | 4,732 | 7.6 | 67.4 | 6,374 | 3,853 | 7.6 | 67.4 | 6,374 | 3,853 |
| 6.1 | 48.6 | 9,636 | 5,826 | 6.1 | 48.6 | 8,955 | 5,413 | 7.6 | 51.3 | 6,624 | 4,004 | 7.6 | 60 | 6,473 | 3,913 | 7.6 | 65.4 | 6,273 | 3,792 | 9.1 | 62.5 | 4,998 | 3,022 | 9.1 | 62.5 | 4,998 | 3,022 |
| 7.6 | 34 | 6,949 | 4,201 | 7.6 | 34 | 6,949 | 4,201 | 9.1 | 41.4 | 5,290 | 3,198 | 9.1 | 53.1 | 5,133 | 3,103 | 9.1 | 60 | 4,652 | 2,813 | 10.7 | 57.4 | 4,016 | 2,428 | 10.7 | 57.4 | 4,016 | 2,428 |
| 0.0 | | | | 9.1 | 0 | 5,602 | 3,387 | 10.7 | 29 | 4,337 | 2,622 | 10.7 | 45.6 | 4,176 | 2,525 | 10.7 | 54.3 | 3,955 | 2,391 | 12.2 | 52 | 3,280 | 1,983 | 12.2 | 52 | 3,280 | 1,983 |
| 0.0 | | | | | | | | 12.2 | 0 | 3,623 | 2,190 | 12.2 | 36.9 | 3,459 | 2,091 | 12.2 | 48.2 | 3,201 | 1,935 | 13.7 | 46.2 | 2,706 | 1,636 | 13.7 | 46.2 | 2,706 | 1,636 |
| 0.0 | | | | | | | | | | | | 13.7 | 25.8 | 2,900 | 1,753 | 13.7 | 41.4 | 2,646 | 1,600 | 15.2 | 39.7 | 2,248 | 1,359 | 15.2 | 39.7 | 2,248 | 1,359 |
| 0.0 | | | | | | | | | | | | 15.2 | 0 | 2,454 | 1,484 | 15.2 | 33.6 | 2,218 | 1,341 | 16.8 | 32.2 | 1,873 | 1,132 | 16.8 | 32.2 | 1,873 | 1,132 |
| 0.0 | | | | | | | | | | | | | | | | 16.8 | 23.6 | 1,909 | 1,154 | 18.3 | 22.6 | 1,560 | 943 | 18.3 | 22.6 | 1,560 | 943 |
| 0.0 | | | | | | | | | | | | | | | | 18.3 | 0 | 1,449 | 876 | 19.8 | 0 | 1,293 | 782 | 19.8 | 0 | 1,293 | 782 |

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 default 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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