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| **Daifeng Sideboom DGY90**Lifting capacity at tipping point | 90,000kg  | 198,360lb |
| Max. lifting moment at min. load overhang | 1076kN.m(882kN\*1.22m)  | 793,597lb.ft (198,320lb\*4ft) |
| Max. lifting moment at max. load overhang | 891.8(127.4kN\*7m)  | 658,996lb.ft (28,652lb\*23ft) |
| Boom length | 7.35m 24.12 ft | 8.6m 28.21 ft |
| Max . lifting height of the hook | 5.75m 18.86 ft | 7.1m 23.29 ft |
| Hoisting speed(eight part line) | 6.0m/min | 19.68ft/min |
| Boom elevating time | 60s |  |
| Model of chassis | DGY-90 |  |
| Model of diesel engine | NTA855-C360 | CUMMINS NTA855-C360 |
| Rated power | 257kW | 345hp |
| Track shoe width | 760mm 30in | 860mm 33.8in |
| Model of hydraulic pump | CBY4125/4100/K1008 |  |
| Rated working pressure of system | 20,000kPa | 2,900psi |
| Hook winch | Hydraulic driven, Planetary transmission, Free-fall function |
| Rated pulling force of system (third layer) | 120kN  | 26,448lb  |
| Diameter of wire rope | φ22mm  | φ0.866in |
| Boom winch | Hydraulically driven, Planetary transmission |
| Rated pulling force of system (second layer) | 100kN | 24,244lb |
| Diameter of wire rope | φ22 mm | φ0.866in |
| Temperature of surroundings | -30~+40 | -220F1040F |
| Overall dimension(Length\*Width\*Height) | With boom | 5.7\*4.95\*8.13m17.71\*16.24\*26.67ft | 17.71\*16.24\*30.21ft |
| Without boom | 5.7\*3.47\*3.30m17.71\*11.38\*10.82ft | 5.7\*3.47\*3.30m17.71\*11.38\*10.82ft |
| Ground pressure | Without load | 104kPa 15.08psi  | 105kPa 15.23psi |
| Operating weight |  | 57,300kg 126,060 lb | 58,000kg 127,600lb |