

The LeTourneau **SUPER GORILLA**

STANDARD BUILDER FURNISHED OUTFITTING

PHYSICAL SPECIFICATIONS

RIG DIMENSIONS

Hull Length:	306 feet (93.3 meters)
Hull Width:	300 feet (91.4 meters)
Hull Depth (at side):	36 feet (18 meters)
Leg Length:	559 feet (170 meters)
Spud Can Diameter:	66 feet (20 meters)
Spud Centers:	218/189 feet (66/58 meters)
Deck Area:	48,690 square feet (4,524 square meters)

SUBSTRUCTURE, SUBBASE AND CANTILEVER BEAM

Designed and equipped for both slot and cantilever drilling modes utilizing the patented LeTourneau Slotilever® concept. Fore and aft movement of the subbase and pipe rack and transverse movement of the substructure permit multiple drilling positions in both slot and cantilever configurations.

Maximum Distance Rear of Barge to Center Line of Well	75 feet (22.9 meters)
Maximum Distance Center Line of Well to Either Side Center Line of Barge	20 feet (6.1 meters)
Slot Size	45 x 60 feet (13.7 x 18.3 meters)
Well Pattern Rectangle	40 x 102 feet (12.2 x 31 meters)
Total Imposed Drilling Load	3,750 kips (1,700 metric tons)
Hook Load Rating	2,000 kips (907 metric tons)
Rotary Load Rating	2,000 kips (907 metric tons)
Setback Load Rating	1,000 kips (454 metric tons)

NOTE: No combination of Hook, Rotary, Setback, and Conductor Tension Loads is to exceed the total imposed load of 3,750 kips (1,700 metric tons).

Cantilever Pipe Rack Capacity	1,500 kips (680 metric tons)
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PAYLOAD*

Typical Variable, Storm	10,000 kips
Typical Variable, Drilling	12,500 kips
Maximum Cantilever Load, Drilling	3,750 kips
Maximum Cantilever Load, Storm, In Slot	1,500 kips

*Values are preliminary, pending confirmation of final vessel weight and inclining test.

CAPACITIES

Drill Water	29,636 barrels (4,712 cubic meters)
Potable Water	1,454 barrels (231 cubic meters)
Diesel Oil	6,882 barrels (1,062 cubic meters)
Bulk (8 tanks)	22,000 cubic feet (62.3 cubic meters)
Sack Storage	1,260 square feet (117 square meters)
Tubular Storage	9,500 square feet (883 square meters)
Liquid Mud	5,294 barrels (842 cubic meters)

JACKING SYSTEM

Seventy-two LeTourneau electromechanical rack and pinion drives (Dual 4-high). Each leg jacks independently at 1.5 feet (.457 meters) per minute, with a normal elevating capacity of 72,000 kips (32,660 metric tons).

CLASSIFICATION AND REGULATIONS

American Bureau of Shipping A1
Det Norske Veritas 1A1
IMO A414(XI)
HSE UK Certificate of Fitness
United States Coast Guard

Note: When required by the customer, the Super Gorilla can be manufactured to meet the requirements of the Norwegian Petroleum Directorate, The Netherlands Department of Mines and other regulatory bodies.

ENVIRONMENTAL CRITERIA

559 feet of Leg, Elevated Weight of 42,725 Kips
Cantilever extended 75 ft. aft
Full Dynamic Analysis

MAXIMUM WATER DEPTH CONDITION

Water Depth (including surge and tide)	408 feet	(124 meters)
Air Gap	61 feet	(19 meters)
Wind Velocity	89 knots	(46 meters/sec.)
Wave Height	96 feet	(29 meters)
Wave Period	16.6 sec.	
Surface Current	2.9 knots	(1.5 meters/sec.)
Bottom Current	1.5 knots	(0.8 meters/sec.)

MAXIMUM STORM CONDITION

Water Depth (including surge and tide)	361 feet	(110 meters)
Air Gap	75 feet	(23 meters)
Wind Velocity	89 knots	(46 meters/sec.)
Wave Height	97 feet	(30 meters)
Wave Period	15.0 sec.	
Surface Current	2.9 knots	(1.5 meters/sec.)
Bottom Current	1.5 knots	(0.8 meters/sec.)

LeTOURNEAU Super GORILLA

- Designed and manufactured by LeTourneau, the Super Gorilla follows in the footsteps of the smaller Gorilla Class that defined the term Harsh-Environment Jack-up in 1981. It is so big, in fact, that you can take it almost anywhere in the world including some of the roughest waters known to drillers, the Central North Sea, the African coasts, the coast of Eastern Asia, both coasts of North and South America and the Bering Sea.
- The Super Gorilla features the Slotilever® that can drill in both the slot and cantilever modes in a pattern of 102 feet x 24 feet (31 x 7.3 meters) with drilling loads up to 3,750 kips.
- The first Super Gorilla is dual classified: American Bureau of Shipping ∇ AI, Det Norske Veritas 1A1(N) and is built in accordance with the Mobile Offshore Drilling Unit Regulations established by the USCG, IMO, NPD, and HSE (UK) and other regulatory bodies.
- The Super Gorilla's size allows ample room for efficient and logical installation of owner's equipment, including production equipment, no matter what his requirements.

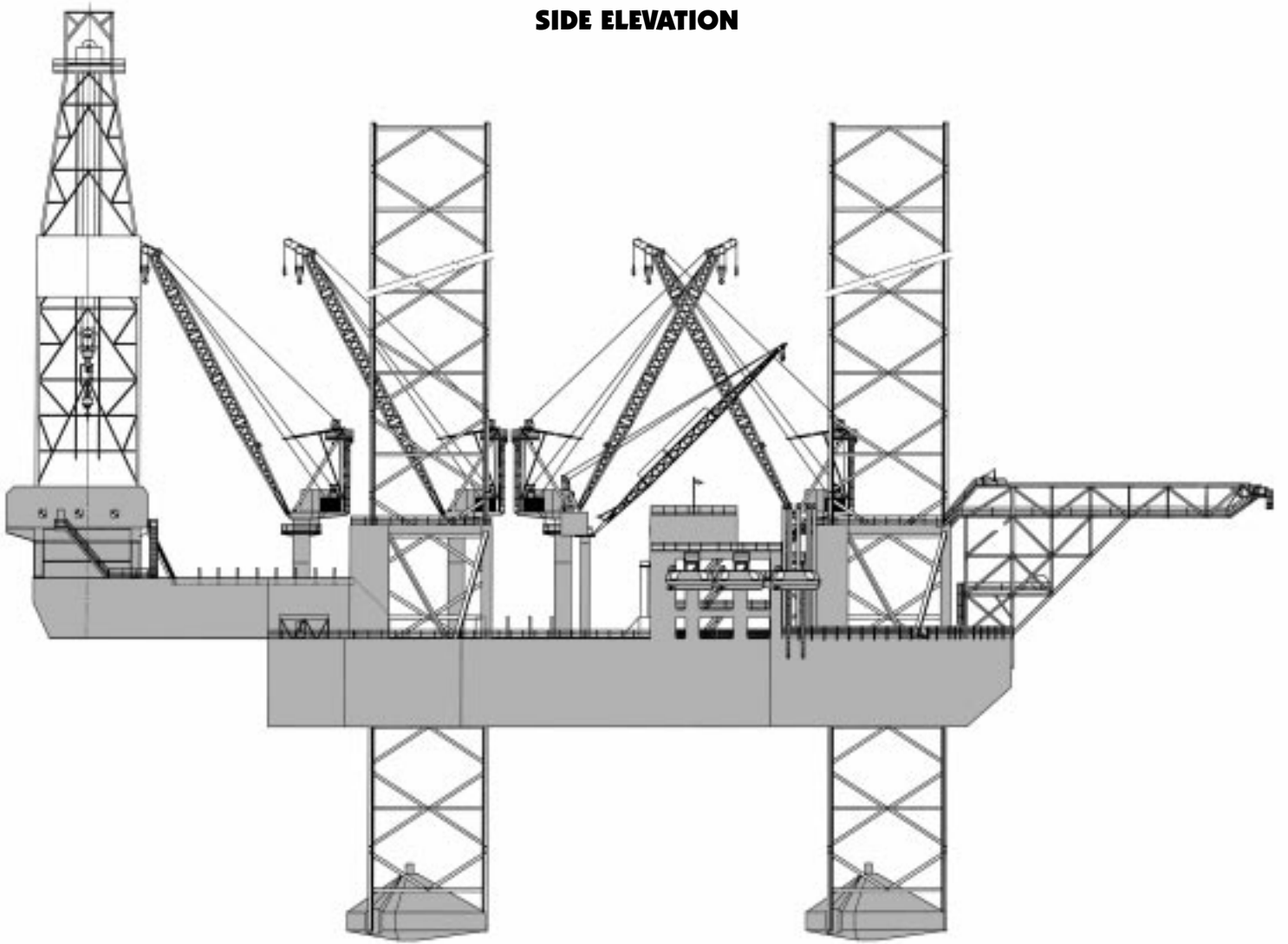
HELIPORT

- The Super Gorilla supports a heliport 94 x 90 feet designed to North Sea standards for a Sikorsky S-61N.

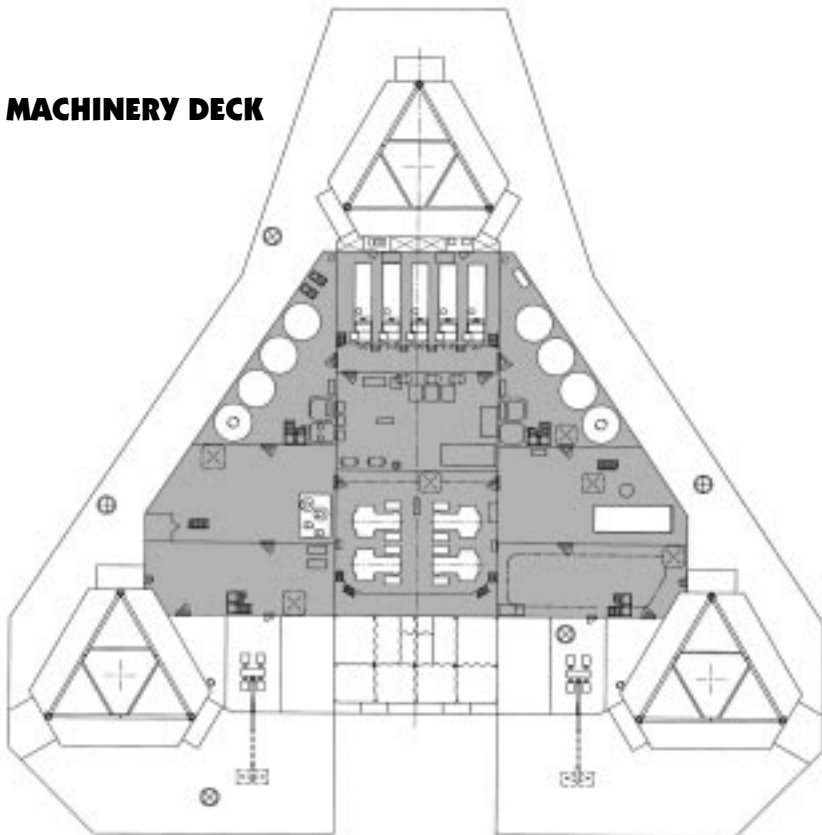
QUARTERS

- The Super Gorilla's size allows for spacious quarters for a standard complement of 120 persons in 2-man rooms with separate office area.

SIDE ELEVATION



MACHINERY DECK



MEZZANINE DECK
(Over Engine Room)

