

JAKE'S
CRANE, RIGGING & TRANSPORT
INTERNATIONAL
EST. 1946



STATIC MOUNT CRANES

One challenge of great interest to *JAKE'S* is to advance technologies in the static mount crane industry. *JAKE'S* redesigned and remanufactured an existing tower gantry crane in 1998 to greatly enhance its safety, performance, and reliability. Its new ergonomic operator's cab is now 45% larger with 130% more glass for improved visibility, and features upgraded electronics with joystick controls. The crane's hydraulic system is entirely redesigned as well, streamlining an intricate pattern of 87 hoses down to 23 and repowering it with a 'Tier-III Certified' Cummins engine. These enhancements demonstrate that in addition to designing and building new state-of-the-art machines, *JAKE'S* also redesigns and modernizes existing machines to meet evolving industry and customer needs without altering the inherent structural integrity of those machines as set forth by the manufacturers.



T-G 1900s

Flying Deck Form (Right) & Pouring Floor with 5 cu. yd. Concrete Bucket (Left) for Marnell-Corrao at the Rio Resort in Las Vegas. (Also, note that four more of *JAKE'S* T-Gs can be seen in the distance at work on construction of the Bellagio Resort.)



TRANSPORTERS



JAKE'S Redesigned Portal-Gantry Crane
Mounted on Rails to Straddle a Two-lane Dockside Roadway at San Diego Port



JAKE'S unique capabilities have been globally acknowledged by industry leaders for decades. One of JAKE'S landmark projects was selected for recognition as the international "Outstanding Hauling Job of the Year" in a 1990 competition sponsored by the Specialized Carriers & Riggers Association, a worldwide organization of ultra heavy lift and haul contractors. The requirement was moving a 212-ton autoclave 275 miles via both interstate freeway and mine access roads from its manufacturing site in Salt Lake City, Utah, to a gold ore processing facility in northern Nevada. JAKE'S accomplished this by:

- Inventing and patenting a suspension system that equalized weight loading to all wheels
- Designing and fabricating a custom high speed, all-wheel steerable and brakeable, super heavy transporter.



Transporting

Museum-destined 'SR-71 Blackbird' Spy Plane from California to Texas

Christened the "JXS" (Jake's Extra Speed), this powerful hauler properly supported the massive load to legally, smoothly, and safely travel on state highways by spreading its weight to the ground over 164 load bearing tires arrayed on 21 properly spaced and load equalized axle lines.



JXS TRANSPORTER

Hauling Transformer to Power Plant



JXS TRANSPORTER

Overall: 351 tons, 18' high, 21' wide, & 262' long; Hauling a 425,000 lb. Autoclave from Salt Lake City, Utah, to 'Gold Mist' Mine in Nevada

HEAVY LIFT

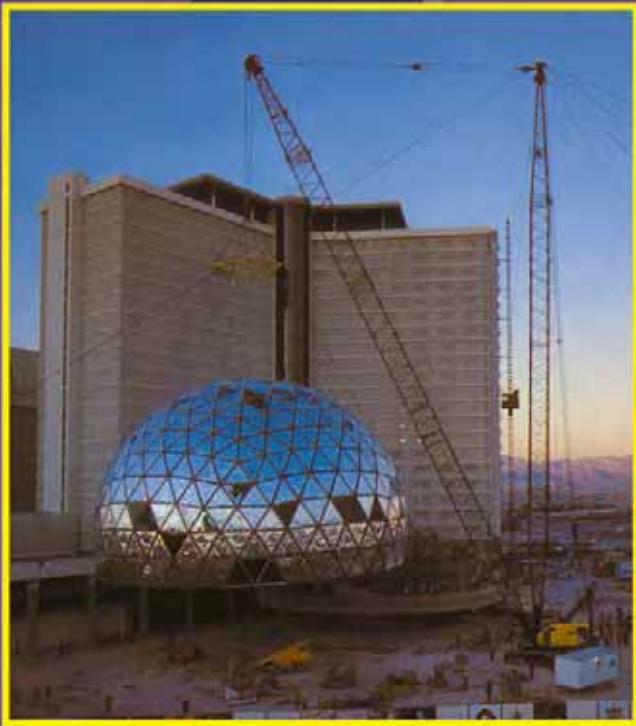
JAKE'S is highly acclaimed for impressive achievements in the ultra heavy lift field as well. In 1990-91 JAKE'S sponsored the invention and production of the vanguard "SL-400" (Street Legal 400 ton capacity) lattice boom truck crane. In June of 2007, this amazing machine passed the State of California Department of Transportation's (Caltrans) qualifying scrutiny to secure its annual permit for travel on improved roadways with its basic boom in place and fully rigged. This achievement doubled the lifting capacity of any other lattice boom truck crane legally permitted to travel on California highways without un-decking. JAKE'S continues to advance the performance capabilities of this impressive crane.



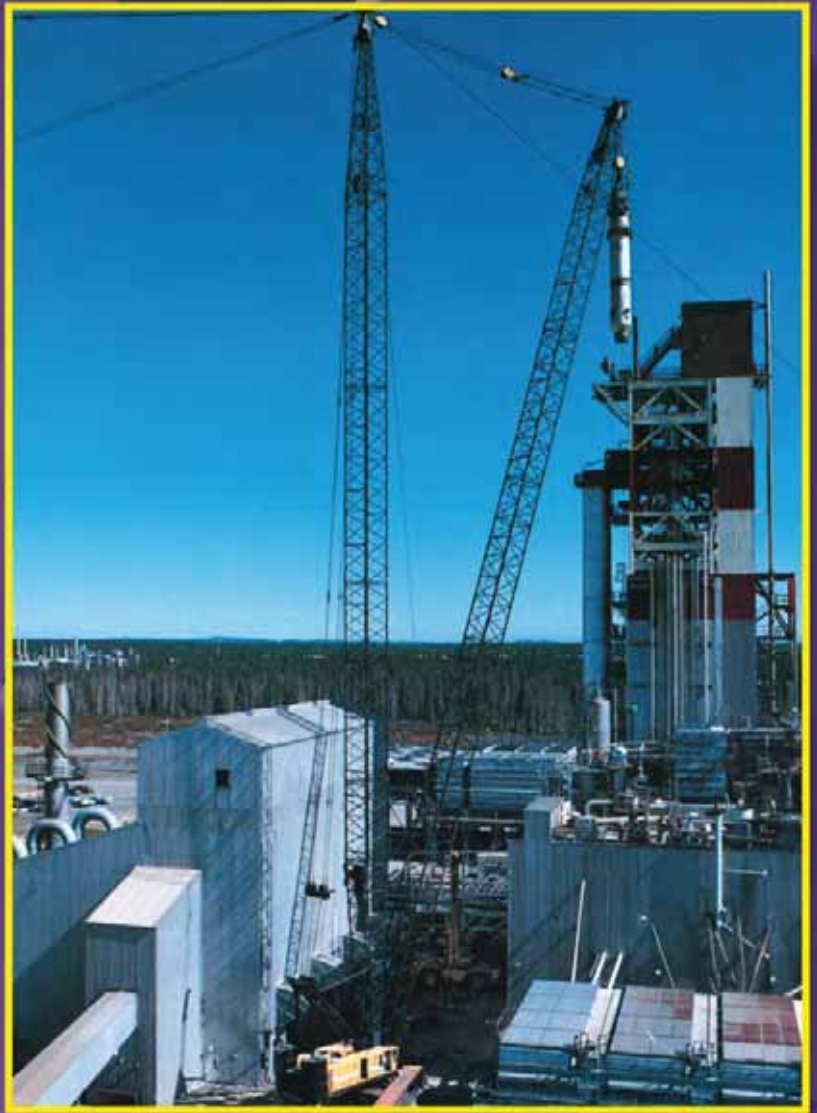
SL-400 Truck Crane
Placing Transformer in Power Plant



SL-400 Truck Crane
Traveling Street-legal on Las Vegas Streets to Jobsite near Wynn Resort



American 9299 Guy-Derrick
Setting 110-ton Amphitheater at a 110'
Radius at Caesar's Palace on Las Vegas Strip



American 11320 Guy Derrick
Picking Capacity-weight Vessels in Tight Quarters at an
Oil Refinery in Kenai, Alaska



American 9299 Sky Horse
Picking, Walking, and Setting 107-ton Spherical
Fuel Tank at Rocketdyne Test Stand in California

JAKE'S is renowned for successfully leading highly challenging crane, rigging, and transport endeavors. This company's core enthusiasm for creativity and innovation sustain its reputation as a top industry leader. The JAKE'S teams apply their valuable knowledge and experience in a constant quest to keep advancing the heavy lift and haul technologies to higher levels. JAKE'S goals remain steadfast today – to provide customers with the finest, most advanced, and cost-effective heavy lift and transport capabilities available, now and in the future.

JAKE'S INTERNATIONAL

– A LAS VEGAS LEGEND –



American 9310 Guy-Horse

Placing Final 15-ton Girder Segment at 273 ft. Radius for an I-70 Freeway Arch Bridge in Utah

Las Vegas has more than 40 million visitors per year. Most are amazed by the sheer number of towering buildings arising from the desert floor to define the fabulous Las Vegas Strip. During the past six decades, "Jake's Crane, Rigging & Transport International, Inc." (JAKE'S) has supplied cranes to a notable majority of the major construction projects. JAKE'S has been very influential in creating the famed Las Vegas horizon as the world knows it today.

Jake Dieleman founded JAKE'S in 1946. Beginning with a single ten-ton truck crane, his family owned and operated company grew with the city and quickly secured its standing as a landmark construction leader.

JAKE'S base of operations is located on a premiere 25 acre tract near the Las Vegas Strip. This strategic site is flanked on the east side by the busy I-15 freeway and Dean Martin Drive, and on its south side by an active Union Pacific Railroad branch line, complete with two private railcar sidings.

Beyond Las Vegas construction, JAKE'S is recognized worldwide in many facets of the heavy lift and transport field, particularly in advancing technology in movement and placement of ultra heavy loads. JAKE'S family of operating companies provides a broad spectrum of synergistic services across several interrelated operating sectors:

- CRANE SERVICES • Mobile Cranes – with both wheel-mounted & track-mounted carriers • Static-mount Cranes – including erection, jump, & dismantle of tower cranes & man-lifts
- HEAVY HAUL TRANSPORTATION SERVICES
- CONVEYANCE SYSTEMS & OTHER SERVICES • Jack and roll • Installation of monorails, industrial elevators, conveyors, escalators, powered walkways, & stair structures • Specialty steel erection • Professional project management expertise
- CUSTOM CRANE, RIGGING, & TRANSPORTER DESIGN & FABRICATION – both new and remanufacture/upgrade, including the "Crane Brain" intelligent computer-enhanced control systems
- DEALERSHIPS • Wire rope • Safety rigging supplies • Heavy lift & transport machinery • 911 Emergency safety gear • Environmentally sustainable and "green" supply
- SAFETY CERTIFICATION SERVICES • Lift equipment testing & inspections to Fed-OSHA & Cal-OSHA standards • OSHA safety training • Operator training – NCCCO (National Commission for the Certification of Crane Operator) written exam preparation & practical testing



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EST. 1948

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