

Next Generation Tugboats for the most Sophisticated Service in the State

Young Brothers' four new EPA Tier 4 tugs ensure premium quality water transport for decades to come.



Clean Air, Clean Ocean

- Tier 4 emission standards require marine vessel emission of diesel particulate matter (PM) and nitrogen oxide (NOx) be reduced by 90%.
- New tug engines uphold modern emission standards that protect our environment.
- Shorter transit times = lower marine exposure, due to increased horsepower from 3,900 to 6,000.



Increased Reliability

- Reduced wait time for cargo, thanks to increased predictability and transit speeds.
- Performs necessary towing power for existing barge fleet within their most efficient power range, with capacity for future growth and emergency response.
- A six-tug fleet provides coverage for maintenance or repairs, ensuring smooth and uninterrupted year-round operations.



Superior Safety

- Higher speed =
Minimizes compressed shoreside operational time.
Reduces worker fatigue and exposure to marine environment
- Greater consistency and predictability in arrival times
Minimizes deviations in work schedule.
Reduces wait time and shoreside safety risks.



Greater Cost Control

- Consistent on-time arrivals reduces overtime vessel hours.
- Maintenance costs stabilize at lower rate with little variance from year to year.
- Reliable fleet reduces need to manage unscheduled downtimes with tug leasing.

About the Tugs



Damen Stan 3711 tugs
designed by Damen
Shipyards Group and built
by Conrad Shipyard



6,000 horsepower
123 foot by 36.5 foot



Powered by GE
8L250MDC EPA Tier 4
emissions compliant
exhaust gas recirculation
engines



Engine produces 900
revolutions per minute
(rpm) and 3,017 BHP

About Young Brothers in Hawai'i



370 employees
statewide



6 tugboats

8 barges



12 weekly departures

to Hawai'i's seven major ports: O'ahu, Lāna'i, Moloka'i, Maui, Hawai'i and Kaua'i



Over 30x per year

specialized charters run an entire barge to serve construction, military and other industry customers

Young Brothers is instrumental in sustaining Hawai'i's statewide economy and well-being providing:



Household Goods and Commodities - dry and refrigerated containers for major local and national grocery stores.



Agricultural Industry - livestock and produce to support a statewide economic system



Livelihood and Cultural Well-being - canoes, surfboards, bikes, hula supplies



Construction Industry - heavy equipment, military equipment so building can occur efficiently and economically



Tourism and Hospitality - hotel supplies, procurement materials to support Hawai'i's tourism industry



Specialized Items - vehicles for automotive industry, telephone poles, emergency generators and other disaster planning supplies

Young Brothers plays a key role in Hawai'i's emergency relief efforts

Providing essential services for first responders, public safety vehicles, and public utilities, as well as FEMA, HI-EMA and other federal and local agencies and non-profit organizations.

Young Brothers invests in Hawai'i's future

Helping Hawai'i reach its clean energy goals through reduced fuel consumption and improved emissions technologies for inter-island freight transport.

\$80M invested in four new tug boats

in 2018 and 2019 to better serve neighbor islands.

Reduction in fuel consumption

Significantly less fuel consumed due to more efficient engines.

Fuel savings passed on to customers

Approximately \$1 to \$2M per year.

Why Young Brothers is Hawai'i's inter-island cargo company

Regulated

Young Brothers is regulated by Hawai'i Public Utilities Commission and must obtain approval to raise prices. Competitors are not regulated by the PUC.

Flexible Solutions

Shipping all sizes = more flexible options for consumers. 20' 40' 45' foot containers, refrigerated and frozen cargo, flat racks and platforms, break bulk, autos, mixed cargo

Storm-relief Transportation

We provide emergency relief supply transportation before emergencies occur and as soon as possible after the all clear is given.

Specialist in Non-standard Cargo

Our terminals are some of the most sophisticated in the world because our cargo comes in all shapes and sizes that requires us to conduct many different functions simultaneously.

Relevant and Meaningful Cargo

Shipping the items Hawai'i wants and needs most so neighbor island families and small businesses survive and thrive.