

# GLOSTEN SA-80: OPTIMIZED FOR INNER HARBOR SERVICE



## The Ultimate Harbor Assist Tug

Introducing the SA-80, a thoughtfully designed 70-ton ASD tug for inner harbor service. This no-nonsense tug was carefully developed to enhance all aspects of ship assist and barge handling functions in busy port complexes.

The SA-80 can be outfitted with a variety of different propulsion system options to achieve bollard pull of at least 70 metric tons, including CAT 3516E diesel engines and Schottel SRP460 Z-drive units. At 81' overall, this handy-sized tug is nimble, yet powerful, making it a good choice for confined waterways.

## Maximized Visibility and Utility

A refreshing alternative to the increasingly common “do-it-all” tug, the SA-80 provides a practical combination of design elements to make it highly versatile – without watering down its primary ship assist function.

The wheelhouse features full-height windows and a standard dual cabinet console, affording the ability to run either bow-first or stern-first from a single operating position.

The geometry of the superstructure was developed to allow operators to work comfortably around the flared and raked surfaces of ships and barges of all sizes.

The SA-80 offers unobstructed lines of sight in virtually all directions. The stacks are uniquely positioned out of the operator's field of view, minimizing blind spots without eliciting the exhaust and soot issues typical of shortened stack arrangements.

This design offers a continuous main deck with relatively high freeboard, inboard-canted spring and quarter bits, and full fendering around the perimeter to maximize the amount of usable contact surface. Below the waterline, the hull features a large forward skeg to enhance the effectiveness of working in indirect mode.

## Multiple Operating Modes

While the SA-80 has been optimized for assist work, we have preserved the ability to make up alongside and tow astern, with or without a tow winch. Additionally, on the bow, a ‘snubbed’ area of the guard facilitates a hard make-up for pushing ahead

Unlike many modern tractors and reverse ASD tugs, the SA-80 has a distinguishable bow and stern. This not only helps to maintain a classic work-horse look that belies its ability to work stern-first, but it provides the operator with contact surfaces at two different elevations (bow and stern), which can be valuable for working vessels in a range of loaded conditions.

Every aspect of the stern has been designed to make it a usable area for more than just the occasional tow job. The transom is flat, with minimal rake in the bulwark, which offers a broad contact area for pushing ships or nudging barges with low freeboard.

Space is incorporated behind the wheelhouse to accommodate a rigid inflatable rescue boat, if desired. The design also allows ample deck space for a number of deck machinery options to suit the operator's specific needs.

**Contact us to find out the SA-80 can be configured for your operation.**

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More than  
**DESIGN.**

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