



SMART-STEER

HEAVY DUTY SELF-STEERING AXLE SYSTEM



Large Diameter SSA Beam

Evolution of the SMART-STEER

Perfect for weight sensitive applications

Weight savings of 25-30 lbs. per axle

New lightweight torpress mount design

High strength forged friction welded beam ends

Packaged with our ISS Series suspension



SMART-STEER
HEAVY DUTY SELF-STEERING AXLE SYSTEM

EVOLUTION OF THE SMART-STEER

THE INDUSTRY'S ONLY INTEGRATED SELF-STEER AXLE (SSA) EXPANSION TANK. WE DO THE WORK SO YOU DON'T HAVE TO!

SMART-STEER uses our advanced center-steer, torpress turn damper for true-tracking stability, increased life, better performance and pressure-sensing capability. The advanced torpress design eliminates regulators, pressure valves and air hoses making SMART-STEER more reliable and easier to service. Dexter engineering has taken the SMART-STEER to the next level by removing the need for the external SSA expansion tank and integrating it into the axle.



STANDARD EXPANSION TANK

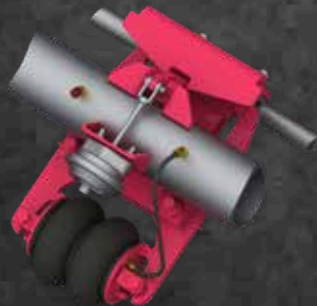
Additional SSA expansion tank installed on trailer:

- Increased cost for steel tank, fittings, tubing, mounting brackets and labor
- Steel air tanks are prone to rotting from the inside out causing the need for multiple replacements over the life of a trailer
- Aluminum air tanks are longer lasting but come at a higher cost
- Requires trailer manufacturers to source, install and plumb SSA expansion tanks themselves

FULLY INTEGRATED EXPANSION TANK

Expansion tank fully integrated into SSA:

- Includes axle preparation, fittings, air brake tubing and drain, installation and testing to SAE J10 standards
- Pre-plumbed for simpler installation, plug and play
- One stop shop for your total suspension package
- Eliminates the need to install external expansion tanks saving room on your trailer for what matters most
- Reduces overall weight by removing components on the trailer
- Patent pending design
- ISO 9001:2015 Certified Production Environment



Integrated
Expansion Tank



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