



Kalmar and TransPower to Execute Supply Agreement and Showcase Electric Terminal Tractor at ACT Expo in Long Beach, CA

(April 27, 2017 – Ottawa, KS) Kalmar USA and TransPower have announced today they will enter into a 5-year supply agreement and showcase the first joint-effort zero emission, battery-electric version of Kalmar's Ottawa T2 terminal tractor at the Advanced Clean Technology (ACT) Expo in Long Beach, CA on May 2, 2017. Kalmar, a global manufacturer of terminal tractors and other cargo handling equipment, and TransPower, an advanced clean energy technology company, have been collaborating since 2011 to develop and perfect advanced, zero-emission electric terminal tractors. The terminal tractor on display was completed as part of a glider program in which TransPower completed the build by installing their drive system at their Escondido, CA facility. Under Kalmar's new supply agreement with TransPower, Kalmar will manufacture electric terminal tractors on its own assembly line in Ottawa, KS, using parts shipped to Kansas by TransPower. The first prototype units are scheduled to be produced in the Ottawa plant in the fourth quarter but no full production dates are available at this time.

TransPower has been developing their "ElecTruck™" drive system on past models of Kalmar terminal tractors and have accumulated approximately 40,000 miles of commercial use in a variety of demanding applications since 2013. At the California distribution center of retail giant IKEA, a Kalmar Ottawa-TransPower electric tractor has become IKEA's preferred tractor since 2014, due to its high reliability and low operating cost.

Terminal tractors powered by TransPower's electric drive technology have eliminated tons of toxic pollutants and CO₂ emissions, while reducing the exposure of tractor operators to noise and truck vibrations. The cost of energy for an electric tractor can be as little as 3 cents per mile, if the tractor is powered by solar energy such as the one being operated by IKEA. For a comparable diesel tractor, the energy cost is closer to 75 cents per mile.

Funding for development of TransPower's electric tractor drive system has been contributed by many government agencies since this technology development effort was initiated in 2011, including the California Air Resources Board, California Energy Commission, Texas Commission on Environmental Quality, U.S. Environmental Protection Agency (EPA), South Coast Air Quality Management District, and San Joaquin Valley Air Pollution Control District. The Ports of Los Angeles, Long Beach, and San Diego have also contributed significantly to development and demonstration of this new technology.

Contacts: Chris Booth, Kalmar Vice President Terminal Tractors ~ chris.booth@kalmarglobal.com, 785.229.7117; Joshua Goldman, TransPower Vice President of Business Development ~ Joshua@transpowerusa.com, 858.449.4629.

About Kalmar

Kalmar provides cargo handling solutions and services to ports, terminals, distribution centers and heavy industry. We are the industry forerunner in terminal automation and energy-efficient container handling, with one in four container moves around the globe being handled by a Kalmar

solution. We improve the efficiency of your every move through our extensive product portfolio, global service network and solutions for seamless integration of terminal processes.

About TransPower

Transportation Power, Inc., doing business as TransPower, is a privately-held California company that develops and provides clean vehicle and stationary energy storage technologies and products. TransPower has developed a proprietary "ElecTruck™" integrated electric drive system for large trucks, tractors, and buses. TransPower sells complete and partially integrated drive systems to major tractor, truck, and bus OEMs in the form of "kits" that can be easily installed into vehicles on the OEMs' own production lines. TransPower has also developed the "Grid-Saver" fast energy storage system, which is being used from coast to coast in a variety of stationary energy storage applications. In addition, TransPower is developing drive products using state of the art hybrid-electric and fuel cell hybrid propulsion systems.

For more information, contact info@transpowerusa.com or visit www.transpowerusa.com.