



For Immediate Release

AMW Solutions announces availability of GRADE & DIRT Machine Control products

Grand Rapids, Michigan – September 19, 2018 – AMW Machine Control Solutions Inc. (“AMW Solutions”), a subsidiary of CHC Navigation, is pleased to announce the introduction of four new solutions for the survey, construction and agriculture markets. Each of these new solutions are user-friendly and run on an Android operating systems and CHC Navigation GNSS Tablet hardware.

AMW Solutions is introducing its newly developed GRADE I & II and DIRT I & II products. GRADE I, which starts at \$3,995, is a simple to use application that runs on a CHC Navigation industrial tablet. GRADE I utilizes an internal meter accurate GNSS receiver for field workers and supervisors to view layered maps including design files, topo or *Google Maps* for locating elevations and topographical features.

GRADE II adds centimeter elevation and positioning accuracy utilizing an external CHC Navigation RTK capable GNSS Receiver that wirelessly communicates with the provided tablet. GRADE II makes it easy to collect surveyor accurate topographic data on any jobsite by simply walking or driving the applicable area, allowing the user to quickly get the work done. The density of elevation points can be adjusted, providing a detailed topographic survey, eliminating surveyor stakes and providing accurate data for earth moving operations. GRADE II “Smart Base” allows a user to establish RTK control points, which enables the user to utilize the same reference point from initial survey to when using Machine Control to move earth, thereby reducing errors and maximizing accuracy.

AMW Solutions DIRT combines GRADE II mapping functionality with automatic blade control for skid steer, scraper, grader, or dozer applications, for rough and fine land shaping activities on large or compact equipment. DIRT is available as DIRT I or DIRT II versions depending on the type of blade control needed. Utilizing additional sensors, DIRT II adds the ability to manage cross slopes. DIRT includes an RTK GNSS, inclinometers, tablet computer, CANBUS controller and our DIRT software running on a CHC Navigation tablet. The tablet wirelessly connects to the RTK receiver and other sensors, making the system easily portable. The portable system can be re-installed on other equipment needed for the job, saving the user both time and money.

For Agriculture applications, AMW Solutions proprietary algorithm within the DIRT solution results in the most accurately graded surfaces within the limits of the user’s machine or equipment. DIRT also provides a grading solution to control water flow, erosion and standing water on the surface of farmers’ fields. This reduces over or under-watering, reducing nutrient loss and improving crop yields.

“We are pleased to introduce the fusion of CHC RTK positioning hardware and computing technology with AMW’s 30 years in Machine Control application know-how to offer AG and Construction Equipment Operators well priced, best in class solutions”, said Phil Gabriel, President of AMW Solutions. “Our customers will love the new Android based solutions, which has been developed from the ground up to be intuitive and wireless wherever possible”, Gabriel added.

About AMW Machine Control Solutions Inc.

A US based subsidiary of CHC Navigation, based near Grand Rapids, Michigan, the AMW Solutions team combine their many years’ experience in the construction and agriculture industries as well as with extensive GNSS Survey technologies, applying their user knowledge to create innovative and robust products at competitive prices that result in great user experiences and enhanced

productivity. They understand that it takes reliable products, great service and dedicated support to build the confidence in their dealers and equipment users.

CHC Navigation is a GNSS positioning technology and products company who went public on the Shenzhen Stock Exchange in March 2017. CHC Navigation is in its 15th year as a leading innovator of GNSS technology and solutions. As a publicly-listed company, it currently has a market cap of approximately US\$1 billion and is quickly becoming a global leader in High Accuracy Satellite Positioning Solutions through innovative solutions and support. CHC Navigation and CHCNAV are trademarks of Shanghai Huace Navigation Technology Ltd.

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For more information, please contact:

AMW Machine Control Solutions Inc.

Riley Skeen, Director, Business Development

Riley@amwgps.com

www.amwgps.com