



# PDS Dozer - Grader

## a Teledyne PDS Application

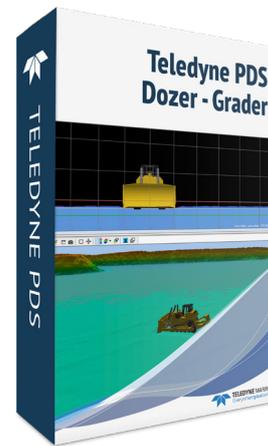
PDS Dozer - Grader is part of the Teledyne PDS family of applications which is a multipurpose platform that offer a broad base of functionality for the dredge and construction market. PDS Dozer-Grader provides the user guidance during both standard projects and more complex projects, giving the operator a clear overview of all he needs to know.

PDS Dozer-Grader application supports RTK positioning and heading installed on the blade or on the cabin. PDS Dozer uses inclino's to measure the blade height and/or blade position as well when selected. The addition of an angle sensors makes blade rotation measurement possible

Other positioning systems like laser tracking systems combined with FOG attitude systems can also be used.

As the PDS Dozer - Grader application can also be used for crane installations it is a very flexible tool for your company to use and can be expanded to meet your project requirements

Thanks to the strong combination of Teledyne Marine's dredge sensors and PDS software the full solution for guidance is not only reliable, but robust and suitable for use in the harsh dredge environment. PDS interfaces to all known RTK positioning systems for accurate positioning information. PDS obstacle avoidance feature is a strong tool to assist the operator to steer clear of possible dangers. The object alarm lets user import any objects, such as pipelines, cables or high voltage powerlines, that should be avoided either to prevent damage to the object or danger to the crane operator.



PDS Dozer - Grader software includes a DTM editor. It can import XYZ data and can partly update areas when new survey data is available. This way the operator can always work with the latest depth information.

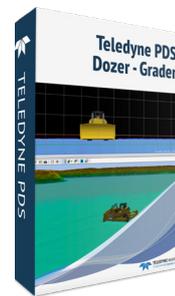
The PDS Dozer - Grader can be upgraded to any other PDS application.

When a project has multiple Dozers - Graders working simultaneously in the area, PDS can share data between the different systems when data communication between them are available .

### PRODUCT BENEFITS

- Hard- and software from single supplier
- Flexible system can be tailored to your application
- Robust sensors suitable for marine environment
- Support all dredge tools from bucket to pump



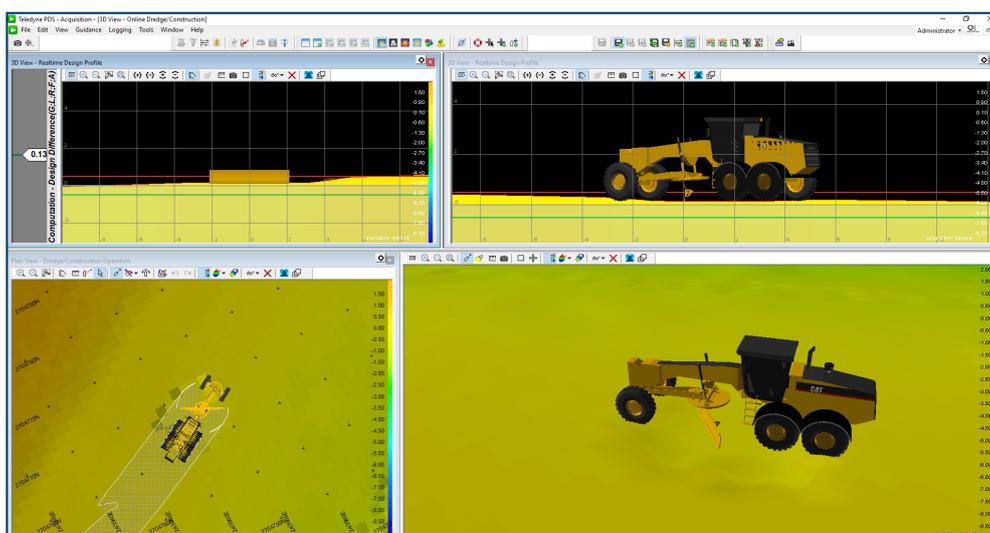
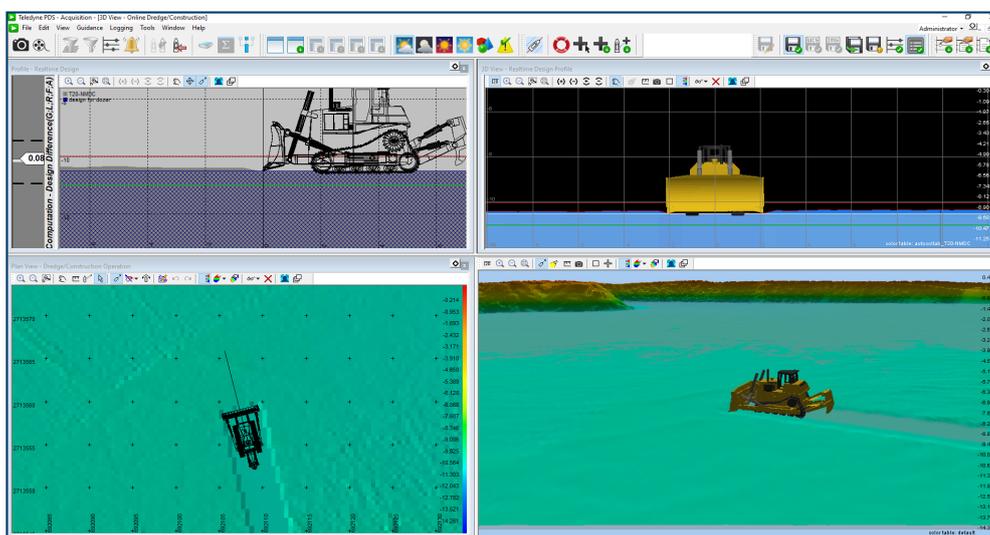


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a Teledyne PDS Application

## PDS DOZER - GRADER SPECIFICATIONS

PDS	Excavator application	PDS	Excavator application
Project management	√	DTM Editor	√
User accounts + User access levels	√	Real-Time update of DTM	√
Configuration of equipment and offsets	√	Real-Time 3D View online	√
Multiple monitors	√	Real-Time Profile and Side views	√
Remote presentation at PC in network	√	C-map electronic chart	√
Track guidance	√	S-57 data	√
GeoCalculator	√	Webmap service	√
Sensor interfacing + test	√	Object avoidance Alarms	√



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PDS

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