DAVID'S DOZER V-LOC GRADING SYSTEM

The best way to grade

THE V-LOC GRADING SYSTEM

THE BEST GRADING SYSTEM
The V-Loc Grading System is a heavy-duty grading blade attachment that can be mounted onto any Compact Tracked Loader using the Universal QH system to convert it into a genuine alternative to a Compact Bulldozer.

PATENTED METHOD
The method of grading, (without the need for stabilizing wheels mounted to the blade), using the David's Dozer designed and manufactured components; the V-Hydra and the V-Lectral, is patented by the company, and cannot be replicated by any of our competitors.

MACHINE CONTROL
The V-Loc Grading System works with Laser, GPS and Total Station solutions to perform grading tasks on single or compound slopes with guaranteed results for quality concrete slabs and minimizing overages.

YOUR JOBS
The V-Loc Grading System incorporates machine control solutions to perform fine grading jobs for an extremely precise finish grade with results accurate to 1/8th inch spec for commercial, residential and industrial developments, parking lots, sports fields & infrastructural projects.

WHY V-LOC GRADING SYSTEM?

GRADING WITH A SKID STEER
Skid Steers have grown over the last 20 years, tracks have become more prevalent than wheels, and several manufacturers offer models with 100+ horsepower engines. In comparison the average mid-sized dozer has between a 70-100hp engine.

UTILIZATION & ROI
Skid Steers are the most useful tool in any contractor's arsenal. Not using the blade? Simply take it off and replace it with bucket, forks, grapple, or any number of attachments and keep your machine running.

PERFORMANCE
No stabilizing wheels out front means that the operator can achieve downward pressure with the blade. This is a pivotal feature for spreading out truck loads, cutting a grade, roughing in and pushing dirt.

MANEUVERABILITY
No wheels out front allows you to grade right up to site boundaries and around plumbing & electrical installations. Plus you can achieve faster cycles times with the speed of a CTL.

MOBILITY
A Track Loader and V-Loc attachment weigh under 12,000 lbs and can be towed behind a standard 2,500 sized commercial truck from job to job. A standard mid-sized dozer weighs 20,000 lbs and requires specific hauling arrangements.

TRADITIONAL COMPACT DOZERS

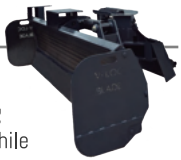
- Expensive to purchase.
- Engines range from 70-100hp.
- When not pushing dirt, machine sits idle .
- Dozers weigh in region of 20,000lbs, therefore require specialized hauling from job to job.
- Steel tracks limit the places where the dozer can be used.
- Servicing dozers is more expensive than CTLs.

GRADING BLADES WITH STABILIZING WHEELS

- Stabilizing wheels limit mobility around the job site; can't grade up to walls, can't grade around objects.
- Stabilizing wheels prevent the blade from achieving down pressure, this limits cutting and spreading out material.
- The wheels protrude further taking up more space on the job site and on the trailer.

V-LOC FEATURES	BENEFITS
No Stabilizing Wheels	Down pressure to cut, Rough in and spread-out material.
No Stabilizing Wheels	Grade up to walls and around objects – no damage to pipes, eliminates additional labor.
Works with Laser, GPS or Total Station	Grade up to an 1/8th inch accuracy – reducing costs as concrete pour is right first time.
Heavy Duty Blade	The Blade is built to be heavy and durable to work in tough conditions to both cut a grade and spread materials.
Heavy Duty Blade	The Blade has a slight curvature, designed for pushing materials long distances.
Universal Quick Hitch	CTLs are highly versatile. Not grading? Simply replace blade with another attachment. Improved ROI.

THE BEST COMPONENTS



The **V-LOC Blade** is mounted using the Universal QH, it is heavy and durable to work in tough conditions. The Blade has a slight curvature, designed for pushing materials long distances. The large side wings act as spill plates to keep material from spilling out while being moved.

The **V-Lectral Module**, developed in house by the David's Dozer engineering team, electronically controls the blade functions through the std cab mounted joysticks – no additional in cab hardware is required.

The **V-Hydra Hydraulic Valve**, developed by the company and using Danfoss components is situated on the blade and controls the blade's lift, roll and yaw movements.

APPLICATIONS

CONCRETE SUBGRADE

The V-Loc Grading System is great when used in the concrete industry to create the base for flatter, better quality slabs. Maintaining a flat subgrade before and during a pour is essential to quality concrete slabs and minimizing overages.

PARKING LOTS

Parking lots and their large flat areas are a natural application for laser grading. The V-Loc Grading System helps create the subgrade necessary for a consistent paving surface. They help eliminate costly material overages, contributing to a better bottom line.

FINE GRADING

The V-Loc Grading System excels anywhere a flat consistent surface grade is required. Applications include general excavation, pole building construction, sidewalk pours, storage rental facility construction and more.

GOLF COURSE TEE BOXES

The V-Loc Grading System make quick work of rebuilding golf course tees and other locations around the course. Superintendents and managers love how easy it is to create the correct slope with very tight tolerances.

ATHLETIC FIELDS

Building a superior grade into a sports field makes maintenance easier. A consistently smooth playing surface is important to player safety and athletic performance. The V-Loc Grading System helps create and maintain prime playing conditions at all levels of play, from youth to scholastic, collegiate and professional levels.

HORSE ARENAS

Sure footing is critical to health, safety and enjoyment for both horse and rider in equestrian training and show venues. The V-Loc Grading System not only maintains the correct grade, it also helps control material depth for edge-to-edge consistency throughout the arena.

EMERGING MARKETS

The V-Loc Grading System is now highly compatible with GPS, sonic sensors and total stations. All of these control technologies are being used with the V-Loc system for jobs like grading railroad ballast, preparing explosive beds for mining, placing materials at curbs and gutters on roads and streets, golf course renovation and more.

www.davidsdozer.com
9 E Lucy Street, Florida City, FL 33034
Office: 305-246-3141 | Fax: 305-246-3142 | Email: info@davidsdozer.com