



# VERMEER T1255III TERRAIN LEVELER®

## SURFACE EXCAVATION MACHINE (SEM) WITH SINGLE-SIDED DIRECT DRIVE DRUM

ALLOWS THE OPERATOR TO CUT AN 80-DEGREE HIGH WALL AND PRODUCES LESS NOISE, DUST AND VIBRATION — HELPING MINES TO INCREASE PRODUCTION BY EXCAVATING RESERVES THEY COULDN'T OTHERWISE GET TO DUE TO DRILL AND BLAST RESTRICTIONS, AIR QUALITY REGULATIONS OR URBAN ENCROACHMENT.

## VERMEER TECHNOLOGY EQUIPS SURFACE MINES TO DO MORE

The Vermeer T1255III SEM delivers enhanced production and efficiency. It has a fully hydrostatic motor mounted to the side of the cutting head, which provides direct drive power and delivers more horsepower to the cutting drum — resulting in enhanced efficiency when working in soft, medium or hard rock conditions. The single-sided direct drive drum on the T1255III allows the quarry operator to cut an 80-degree high wall to provide slope stability that is desired in high-wall mining applications.



Optional dust suppression system features an enclosed cutting head with two large vacuums that pull dust into baghouses and drop it beneath the machine — reducing the dust entering the air.



SmartTEC control software displays the status of critical elements of machine performance — alerting the operator for recommended control adjustment.



Optional GPS technology can be used to create a mine-by-line plan that can be uploaded to the GPS system — then the machine will automatically cut to the plan.

## SPECIFICATIONS:

### ENGINE OPTION ONE

Make/Model: Caterpillar C18 ACERT  
Gross horsepower: 600 hp (448 kW)  
Engine rpm: 2100  
Fuel consumption @ full load: 31.8 gph (120.4 L/hr)  
EPA certification family: Tier 3

### ENGINE OPTION TWO

Make/Model: Caterpillar C18 ACERT  
Gross horsepower: 600 hp (448 kW)  
Engine rpm: 2100  
Fuel consumption @ full load: 30.5 gph (115.5 L/hr)  
EPA certification family: Tier 4 Final (Stage IV)

### TERRAIN LEVELER SINGLE-SIDED DIRECT DRIVE ATTACHMENT

Weight: Tractor plus attachment: 265,000 lb (120,202 kg)  
Max cutting depth: 20" (50.8 cm)  
Cutting width: 144" (365.8 cm)  
Drum tilt available: Yes, +/- 5 degrees  
Max drum speed rpm: 24.7 rpm  
Laser/GPS acceptable: Yes  
Digging chain size: None  
Drive type: Hydrostatic

Vermeer Corporation reserves the right to make changes in engineering, design and specifications; add improvements; or discontinue manufacturing at any time without notice or obligation. Equipment shown is for illustrative purposes only and may display optional accessories or components. Please contact your local Vermeer dealer for more information on machine specifications. Vermeer, the Vermeer logo, Equipped to Do More and Terrain Leveler are trademarks of Vermeer Manufacturing Company in the U.S. and/or other countries. Caterpillar is a trademark of Caterpillar Inc. © 2016 Vermeer Corporation. All Rights Reserved. Printed in the U.S.A. Please recycle.

**Vermeer**



**EQUIPPED TO  
DO MORE.**