



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

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