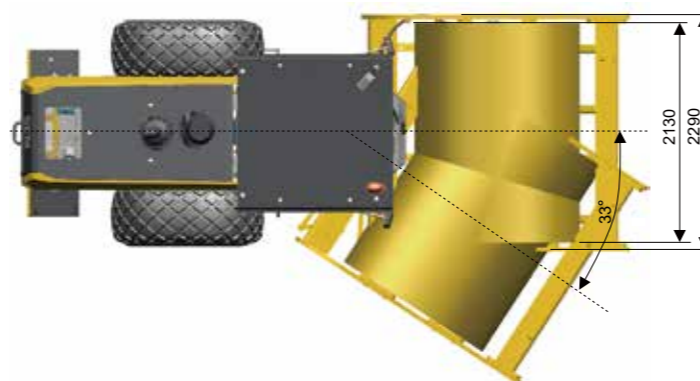
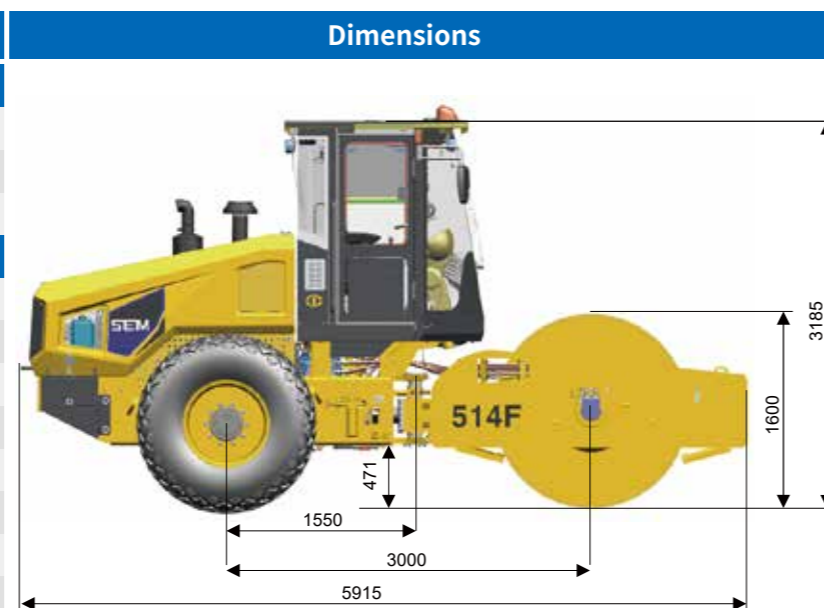


SEM 514F

» **EMPOWER YOUR SUCCESS** »

Specifications		
Engine Specifications		
Emission		China Stage II
Std Rated Power-Gross	kW	125
Rated Speed	r/min	2,200
Operating Specifications		
Machine Weight w/Std Config	kg	14,000
Weight at Drum w/Std Config	kg	8,200
Weight on Rear Axle	kg	5,800
Static Linear Load	N/cm	377
Max. Grade Ability w/o Vibration	%	50
Articulated Angle	°	33±1
Turning Radius inside Drum Edge	mm	6,500
Compaction Width	mm	2,130
Min. Ground Clearance	mm	471
Travel Speed		
Lo Range	km/h	0 - 6
Hi Range	km/h	0 - 11.6
Vibratory System		
Frequency-Hi/Lo	Hz	33/30
Amplitude-Hi/Lo	mm	2/1.2
Centrifugal Force-Hi/Lo	kN	306/220
Dimensions		
Machine Dimensions(L*W*H)	mm	5,915*2,290*3,185
Oscillation Angle	°	10±1
Wheelbase	mm	3,000
Drum Width	mm	2,130
Drum Diameter	mm	1,600
Tire Specs		
Tire Type		23.1-26
Service Refilling Capacity		
Fuel Tank	L	200



Scan the QR code to visit SEM YouTube Account



SEM Machinery Soil Compactor

SEM 514F



Caterpillar (Qingzhou) Ltd. Address: No. 12999 Nanhuan Road, Qingzhou City, Shandong Province, Zip Code: 262500, P.R.China

©2023 Caterpillar (Qingzhou) Ltd. All Rights Reserved. 山工机械, SEM, SEM Logo, their respective logos, trade dress as well as corporate and product identity used herein, are trademarks of Caterpillar (Qingzhou) Ltd. and may not be used without permission.

Materials and specifications are subject to change without notice. Featured machines in photos may include optional equipment. Contact your SEM dealer for available options.

Version: May 2023 - CIS



 www.semmachinery.com

1

Easy to Operate

- Cab and ROPS cab as optional configuration with capacious space, superior front, lateral and rear visibility
- Simple operation system with two control levers, throttle, shift reversing and brake control, stepless speed
- A/C with interior cycle/outside fresh air cycle selection for better defog capability
- Excellent three-stage shock absorption, reduce labor intensity and add comfort



2

High Productivity

- Pod-style eccentric structure, smooth vibration and gentle amplitude switch with soft compaction effect
- Dual amplitude and frequency vibration system enable the operator to achieve better compaction result
- Hydrostatics drive with rear axle and drum drive, up to 50% grade ability allows the machine to work efficiently on slop and uneven terrains
- Optional compaction meter, air preheating, padfoot, versatile and efficiency, adapt to different working conditions

Proven Reliability

3

- SDEC 7H engine with turbo charger and ATAAC, high fuel efficiency and more powerful
- Effective closed hydrostatic system with world class pump and motors delivers leading in class reliability and duration compared with open-loop hydraulic system
- High performance coupling and heavy duty rear axle with limited slip differential
- Modular cooling package design, up to 49°C ambient temperature cooling capacity



Convenient & Low Maintenance

4

- New generation hood with rear-opening structure, large angle design for easy maintenance
- Fully sealed eccentric wheel with pod style, effectively reduce shock load, extend the life of bearings and hydraulic components, maintenance-free within 2000 hours
- Engine oil pan drain port is led out separately, convenient for oil changing
- Cat® Product Link™ accurately collect machine location and working hours from remote end, convenient for customers to manage the equipment in a unified manner

