



COMPACTORS

SEM512

Tractafric
equipment

CAT[®]

COMPACTORS

SEM512

Overview

CAB, Smooth Drum 2130mm, 13.1-26 Tires, 12T

Key information

BRAND

SEM?

CONDITION

Used

REFERENCE

BX06487

YEAR

2021

HOURS

840

LOCATION

Vlissingen, NL

VIN

GJW00246

AVAILABILITY

Available

COMPACTORS

SEM512

Technical specifications

MODEL

MODEL	SEM512
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ENGINE SPECIFICATION

EMISSION	China StageII
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STD RATED POWER-GROSS	97.5kW
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RATED SPEED	2,200r/min
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COMPOSITE WORK CYCLE FUEL CONSUMPTION (L/H) 100% of XS122

AMBIENT CAPABILITY-HA SEA LEVEL	49Deg C
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AMBIENT CAPABILITY-COLD WEATHER	-10Deg C
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PEAK TORQUE/SPEED - GROSS	560/1,400-1,600N.m/rpm
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SOUND LEVEL-SPECTATOR	112dB(A)
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SOUND LEVEL-OPERATOR POSITION WITH CAB	86dB(A)
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COMPACTION	100% of XS122
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OPERATING SPECIFICATIONS

MACHINE MASS W/STD CONFIG	12,000±3%kg
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WEIGHT AT DRUM W/STD CONFIG	6,900±3%kg
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WEIGHT ON REAR AXLE	5,100kg
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STATIC LINEAR LOAD	310N/cm
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MAX. GRADE ABILITY W/O VIBRATION	45%
ARTICULATED ANGLE	33±1°
TURNING RADIUS INSIDE DRUM EDGE	5,990mm
COMPACTION WIDTH	2,130mm
GROUND CLEARANCE	442mm

TRAVEL SPEED

LO RANGE	0 to 5.5km/h
HI RANGE	0 to 12km/h

HYDRAULIC CYCLE TIME

FULL TURN TIME	6±0.5s
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VIBRATORY SYSTEM

FREQUENCY-HI/LO	33HZ/30HZ
AMPLITUDE-HI/LO	1.80mm/0.90mm
CENTRIFUGAL FORCE-HI/LO	245kN/150kN

DIMENSIONS

MACHINE DIMENSIONS[L*W*H]	5,815*2,290*3130mm
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OSCILLATION ANGLE	10±1°
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WHEELBASE	2,900mm
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TREAD WIDTH	1,600mm
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DRUM WIDTH	2,130mm
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DRUM DIAMETER	1,600mm
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TIRE SPECS

TIRE SPECS	23.1-26 12PR12
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TIRE PRESSURE SETTING	0.35Mpa
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