

V O L V O



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Volvo Excavators 37.1-39.12 t 220 kW

EC360

Volvo Construction Equipment

Specifications

KEY PERFORMANCE

Engine

Engine	Volvo	D8M
Max. power at	r/min	1 600
Net, ISO 9249/SAE J1349	kW	219
Gross, ISO 14396/SAE J1995	kW	220
Max. torque	Nm	1 400
at engine speed	r/min	1 400

Hydraulic system

Max. flow	l/min	2 x 288
Relief valve setting pressure		
Implement	MPa	33.3/36.3
Travel circuit	MPa	33.3
Swing circuit	MPa	27.9

Travel system

Max. tractive force	kN	261
Max. travel speed (low)	km/h	3.3
Max. travel speed (high)	km/h	5.1
Gradeability	°	35

Swing system

Max. swing speed	r/min	10.3
Max. swing torque	kNm	126.2

Service Refill

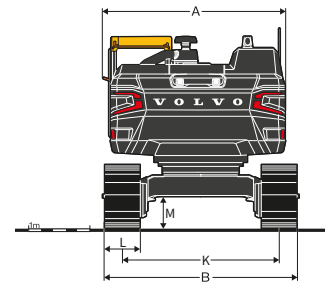
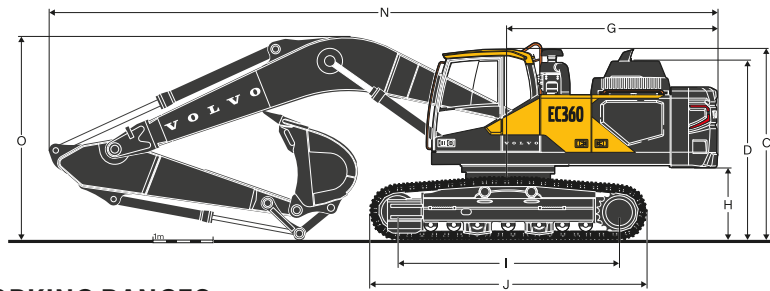
Fuel tank	l	580
DEF/AdBlue® tank	l	50
Hydraulic system, total	l	433
Hydraulic tank	l	183
Engine oil	l	30
Engine coolant	l	44
Swing reduction unit	l	6
Travel reduction unit	l	2 x 6.8

Operating weight

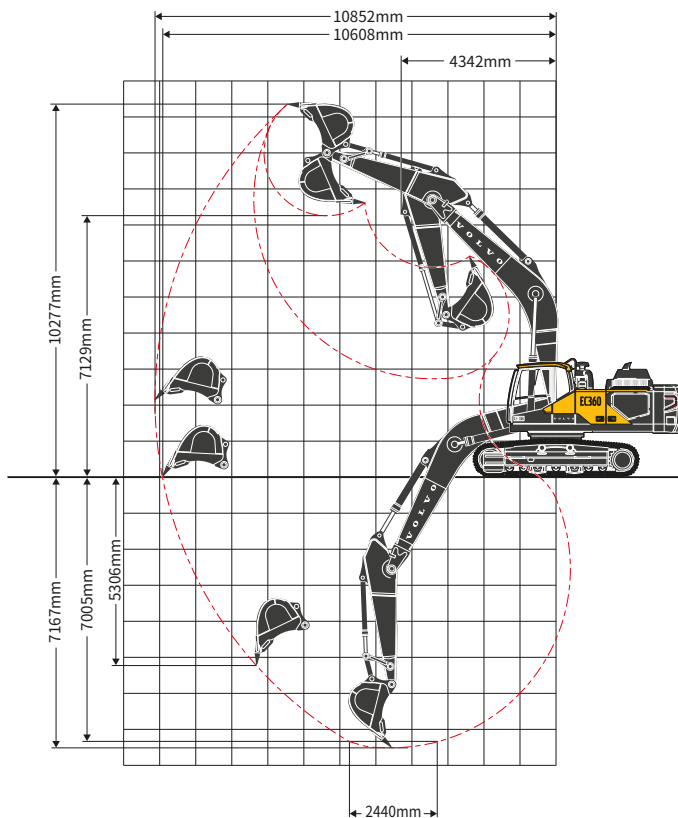
Boom length	m	6.45
Arm length	m	2.85
Bucket capacity	m³	2.0
Shoe width	mm	600
Operating weight	Kg	37 100

Max. Digging Force (ISO)

Breakout force (bucket)	kN	218
Tearout force (arm)	kN	197



WORKING RANGES



DIMENSIONS

Description	Unit	EC360
Boom	m	6.45
Arm	m	2.85
A. Overall width of upper structure	mm	2 890
B. Overall width	mm	3 190
C. Overall height of cab	mm	3 175
D. Overall height of engine hood	mm	2 990
G. Tail swing radius	mm	3 585
H. Counterweight clearance*	mm	1 170
I. Tumbler length	mm	4 020
J. Track length	mm	4 945
K. Track gauge	mm	2 590
L. Shoe width	mm	600
M. Min. ground clearance*	mm	500
N. Overall length	mm	11 297
O. Overall height of boom	mm	3 610

* Without shoe grouser

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