

CRAWLER EXCAVATOR



SE135

14.6-tonne class excavator for utility, road and site work

GROSS POWER

90 kW

OPERATING WEIGHT

14 620 kg

BUCKET

0.6 m³

DIGGING DEPTH

5 490 mm

GROUND PRESSURE

43.8 kPa

97 kN bucket digging force

Cuts frost-bound and compacted ground without stalling.

2×130 L/min hydraulic flow

Runs breaker or tilt-rotator while the boom keeps working.

265 L fuel tank

A full production shift between refuellings.

Technical data

SE135 · Crawler Excavator

ENGINE

Model	Cummins QSF3.8T
Type	Water-cooled, turbocharged
Fuel system	EFI
Emission standard	Tier 4 / Euro V
Displacement	3.8 L
Rated power	90 kW @ 2200 rpm

HYDRAULIC SYSTEM

Type	2 piston pumps + 1 fixed pump
Rated operating flow	2×130 L/min

DIGGING FORCE (ISO 6015)

Bucket digging force	97 kN
Arm digging force	70 kN

BUCKET

Type	Backhoe bucket
Bucket capacity	0.3–0.65 (0.6) m³
Bucket width	1 039 mm

SWING SYSTEM

Swing motor	Swash plate plunger motor
Swing speed	0–10.9 rpm

FLUID CAPACITIES (L)

Fuel tank	265
Cooling system	20
Engine oil	12
Hydraulic tank / system	177 / 183

TRAVEL SYSTEM

Type	Axial variable plunger motor
Track rollers / carrier rollers	7X2 / 1X2
Number of track shoes	44X2
Travel speed	3.2 / 5.4 km/h
Traction force	118 kN
Gradeability	70 % (35°)

WEIGHT AND GROUND PRESSURE

Operating weight	14 620 kg
Ground pressure	43.8 kPa

WORKING RANGE (MM)

A Max. digging height	8 495
B Max. dumping height	6 060
C Max. digging depth	5 490
D Max. vertical digging depth	4 625
E Max. digging distance	7 820
F Digging distance, ground level	8 300
G Min. swing radius, front	2 445

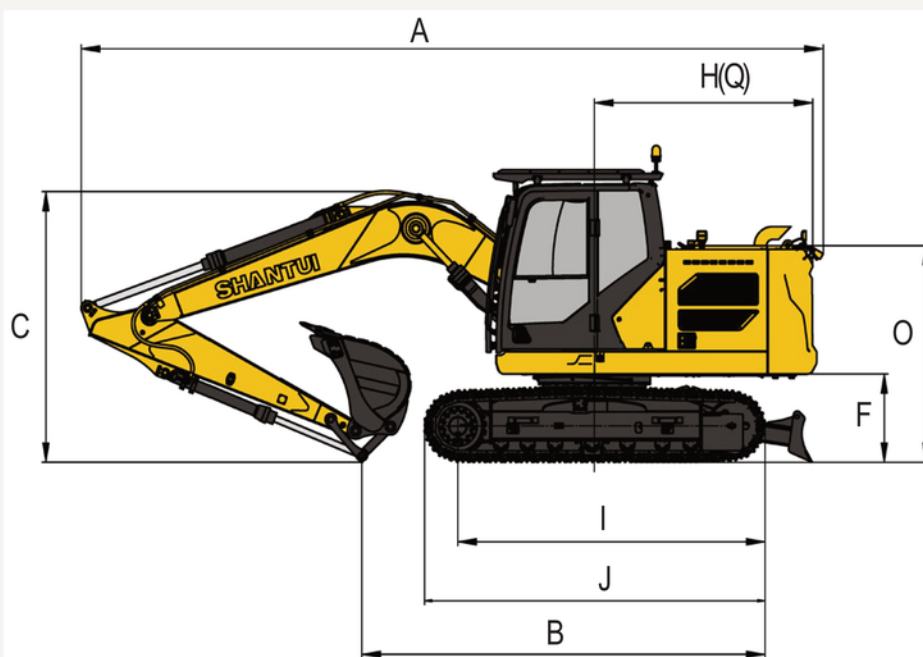
OVERALL DIMENSIONS (MM)

Boom / arm	4600 / 2500 mm
A Overall length	7 920
C Overall height (boom)	2 860
D Overall width	2 645
E Overall height (cab)	3 263
G Min. ground clearance	425
H Tail swing radius	2 380
J Track length	3 645
K Track gauge	2 000
M Shoe width	500

Dimensions

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SIDE VIEW (MM)



FRONT VIEW (MM)

