

A large blue and yellow Hyundai Robex 375LVS excavator is shown in a construction setting, lifting a large bucket of earth. The excavator's arm is extended upwards, and the bucket is filled with brown soil. The background features a hilly, excavated landscape under a clear sky. The excavator's body is yellow with blue accents, and the word "HYUNDAI" is visible on the boom. The model name "Robex 375LVS" is also visible on the side of the machine.

Best Quality, Customers First

Robex

375LVS

With Tier 3 Engine Installed

* This sample may contain optional configurations, painting styles, and design changes

Rated Power: 232kW/1,700rpm | Operating Weight: 38,700kg | Standard Bucket Capacity : 1.9m³

Specifications



Engine

Model		HYUNDAI HE8.9
Type		6-cylinder, 4-stroke Air-cooled engine turbo charged
Rated power	kW/rpm	232 / 1700
Max. torque	kgf.m/rpm	148 / 1400
Bore x stroke	mm	114×145
Piston displacement	cc	8900
Batteries		2×12V×150AH
Starting motor		24V, 7.8kW
Alternator		24V, 90A



Hydraulic system

Main pump	
Type	Variable-displacement Piston Pump
Max. flow l/min	2×315
Pilot pump & pilot circuit	Gear pump
	Interactively sensing pump system for saving fuel
Hydraulic motor	
Travel	Two stage axial piston motor with counter balance valve and parking brake
Swing	Axial piston motor with auto brake
Relief Valve setting	kgf/cm ²
Working device circuit	330
Travel	360
Swing system	290
Pilot valve circuit	40



Drive & Brake

Driving method	Full hydraulic type
Drive motor	Axial piston motor
Reduction system	Planetary reduction gear
Max. Drawbar Pull	30.5 ton
Max. travel speed (high/low)	5.0 km/h / 3.2 km/h
Gradeability	35°(70%)
Brake	Hydraulic lock type
Parking brake	Multi wet disc



Operation

Driving method	Two control rods with safety locking levers (Left) swing, arm (Right) Boom, bucket
Drive motor	Two control rods with pedals
Reduction system	Motor-driven swing mode
Max. Drawbar Pull	Four in boom, one under cockpit and one under toolbox



Swing system

Swing motor	Axial piston motor
Swing reduction	Planetary gear reducer
Swing system lubrication	Grease-bathed
Swing brake	Multi disc
Swing speed	9.1 rpm



Coolant and lubrication capacity

Storage capacity	L
Swing motor	610
Swing reduction	50
Swing system lubrication	31.7
Swing brake	8.0
Swing speed	4.3
Swing brake	415
Swing speed	210



Undercarriage

Driving method	X-leg type
Drive motor	Pentagonal box type
Reduction system	51
Max. Drawbar Pull	2
Reduction system	9
Max. Drawbar Pull	2



Max. drawbar pull(IOS)

Bucket Digging Force	kN	228
Arm Digging Force	kN	182



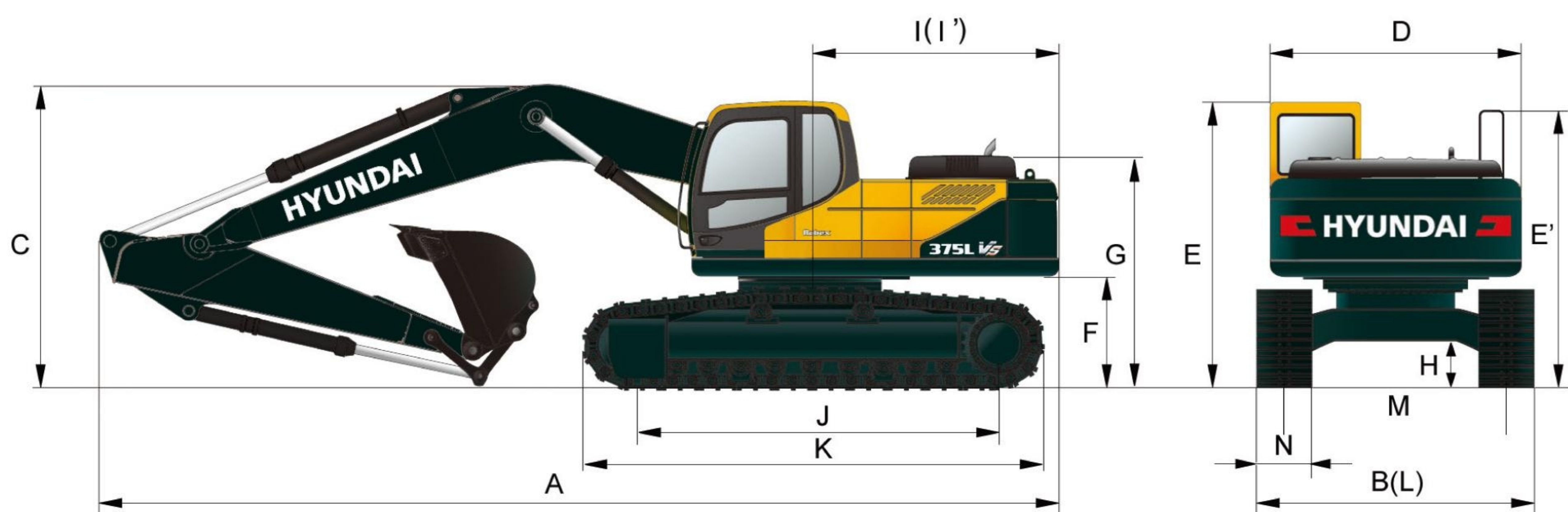
Operating weight

Boom 6,150mm, Arm 2,800mm, SAE Bucket 1.9m³, including lubrication oil, cooling water, fulfilled fuel tank, hydraulic oil tank, and standard equipment

operating weight

track shoe(Triple) mm	operating weight kg	Ground pressure kgf/cm ²
※600	37800	0.71

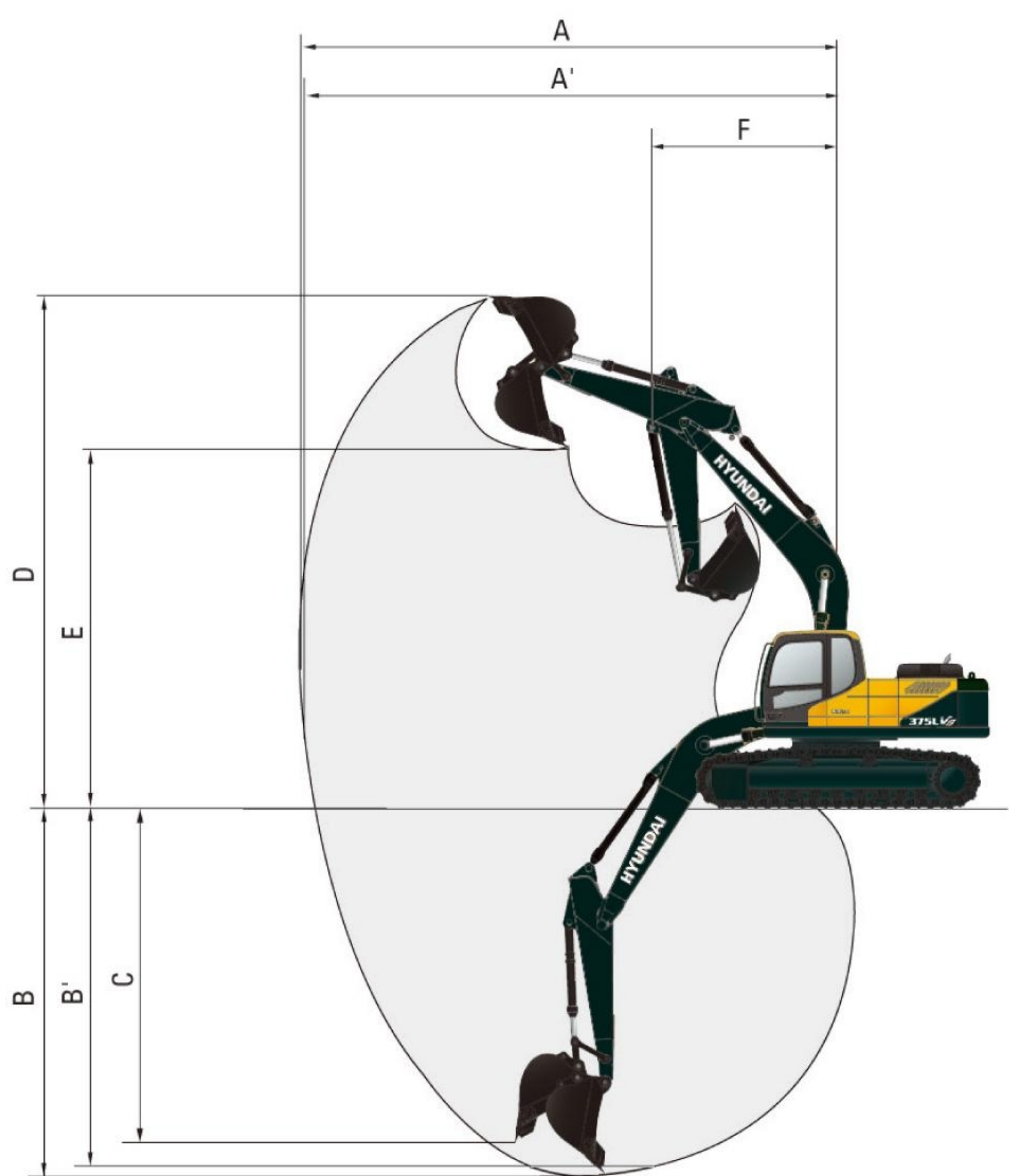
Dimensions & Working Range



Unit: mm

A Overall length	10850
C Overall height	3540
F Ground clearance of counterweight	1290
J Wheel Track	4340
K Overall length of crawler	5280
I Tail swing radius	3415
I' Rear-end length	3350

D Upperframe width	2980
E Overall height of cab	3175
H Min. ground clearance	555
M Track gauge	2740
N Track shoe width	600
B Overall Width	3340



Standard		
Boom	Standard	※ High-load type 6150mm
Arm	Standard	※ High-load type 2800mm
Bucket	Standard	※ Rock bucket 1.9m ³
A Max. digging reach	10570mm	
A' Max. digging reach on ground	10330mm	
B Max. digging depth	6590mm	
B' Max. effective digging depth	6420mm	
C Max. vertical wall digging depth	4820mm	
D Max. digging height	10450mm	
E Max. dumping height	7340mm	
F Min. swing radius	4130mm	

▲ For other options, please contacta Hyundai Construction Equipment dealer

