

VVN

## Hydraulic excavators

Easymaintenance & outstanding after-sales services  
Complete line of applications and accessories  
Roll over protection system



Models described in the catalog:

VVN HE 60 / VVN HE2 60

VVN HE 86 / VVN HE2 86

VVN HE 140 / HE2 140

VVN HE 212

VVN HE 218

VVN HE 220

VVN HE 221

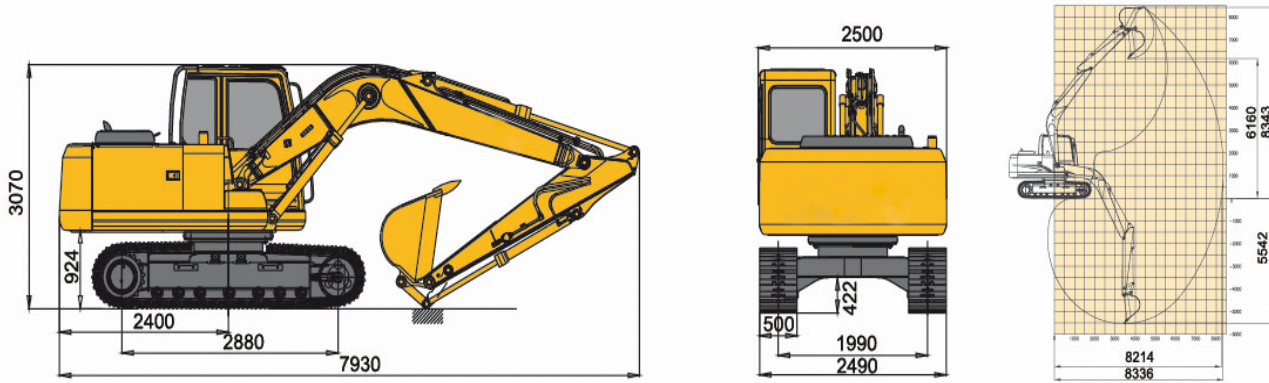
VVN HE 340

VVN HE 343

VVN HE 482

# VVN HE 140 / VVN HE2 140

## overall specifications



Operating Weight	Summary	<b>Operating weight: 14000kg</b> The operating weight includes the weight of 4600mm boom, 2500mm standard arm, 0.56m <sup>3</sup> bucket, 500mm track shoes, lubricating oil, coolant, the full diesel oil tank and the rest standard configuration units.	
	Ground pressure	45 kPa	
Bucket Capacity	Standard	0.56 m <sup>3</sup>	
	Option range	0.25-0.75 m <sup>3</sup>	
Engine	Model	Cummins 4BTAA3.9-C (Euro II)	Cummins QSB4.5 (Euro IIIA)
	Rated power	86 kW (117hp) /2200 rpm	90 kW (122hp) /2000 rpm
	Max. torque	424 N.m/1600 rpm	489 N.m/1500 rpm
	Displacement	3.9 L	4.5 L
	Main pump	Axial variable piston pump	
Hydraulic System	Max. flow of system	120×2 L/min	
	Max. pressure of Implements	34.3 MPa	
	Max. pilot pressure	3.9 MPa	
	Swing motor	Piston Type (with safety valve and closed type brake)	
	Swing speed	11.9 rpm	
	Travel motor	Piston Type (with safety valve and closed type brake)	
	Travel speed	3.34/5.5 km/h	
	Gradeability	35°(70%)	
	Max. traction	113 kN	
	Max. arm digging force	75 kN	
	Max. bucket digging force	116 kN	
Fluid Capacity	Fuel tank	270 L	
	Hydraulic oil tank	159 L	
Undercarriage	Standard track shoes width	500 mm	
	No. of track shoes	43 (each side)	
	No. of carrier rollers	2 (each side)	
	No. of track rollers	7 (each side)	
Electrical System	System voltage	24 V	
	Battery capacity	12 V, 120 Ah×2	
Optional Equipments		600mm and 700mm width triple grouser shoes Hydraulic hammer and pipeline Quick-change coupler pipeline Bidirectional auxiliary pipeline	Anti-explosion valve Track rubber block



ALL FOR SHOPS AND WAREHOUSES

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