

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

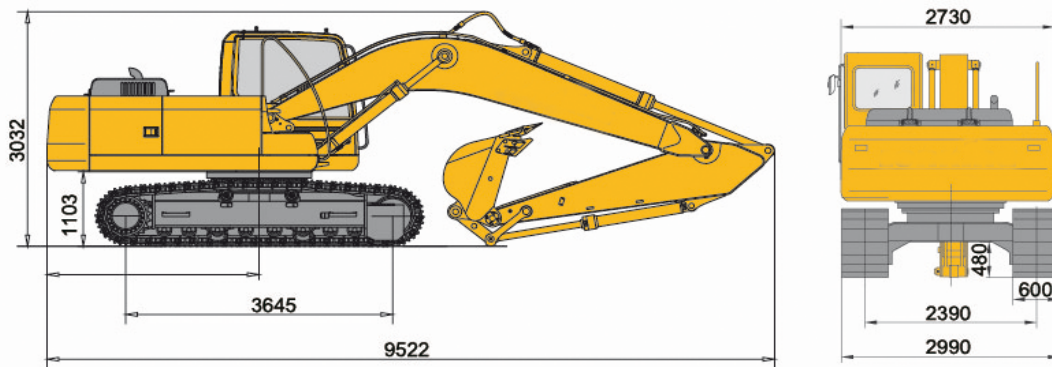
VVN HE 340

VVN HE 343

VVN HE 482

# VVN HE 220

## overall specifications



<b>Operating Weight</b>	Summary	<b>Operating weight: 22000kg</b> The operating weight includes the weight of 5700mm boom, 2900mm standard arm, 1.16m <sup>3</sup> bucket, 600mm track shoes, lubricating oil, coolant, the full diesel oil tank and the rest standard configuration units.	
	Ground pressure	45 kPa	
<b>Bucket Capacity</b>	Standard	1.16 m <sup>3</sup>	
	Option range	1.1-1.35 m <sup>3</sup>	
<b>Engine</b>	Model	Cummins QSB6.7 (Euro IIIA)	
	Rated power	145 kW/2000 rpm	
	Max. torque	929 N.m/1500 rpm	
	Displacement	6.7 L	
<b>Hydraulic System</b>	Main pump	Axial variable piston pump	
	Max. flow of system	217×2 L/min	
	Max. pressure of Implements	34.3 MPa	
	Max. pilot pressure	4.9 MPa	
	Swing motor	Piston Type (with safety valve and closed type brake)	
	Swing speed	12.1 rpm	
	Travel motor	Piston Type (with safety valve and closed type brake)	
	Travel speed	3.0/5.1 km/h	
	Gradeability	35°(70%)	
	Max. traction	222 kN	
	Max. arm digging force	107 kN	
	Max. bucket digging force	147 kN	
<b>Fluid Capacity</b>	Fuel tank	350 L	
	Hydraulic oil tank	220 L	
<b>Undercarriage</b>	Standard track shoes width	600 mm	
	No. of track shoes	49 (each side)	
	No. of carrier rollers	2 (each side)	
	No. of track rollers	9 (each side)	
<b>Electrical System</b>	System voltage	24 V	
	Battery capacity	12 V, 120 Ah×2	
<b>Optional Equipments</b>		700mm and 800mm width triple grouser shoes Hydraulic hammer and pipeline Quick-change coupler pipeline Bidirectional auxiliary pipeline	Anti-explosion valve Cab protecting nets



ALL FOR SHOPS AND WAREHOUSES

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