



CES SRL
 ADMINISTRATIVE HEADQUARTER: VIA ETTORE PERRONE 14 - 10122 TORINO (TO) Italy
 PRODUCTION PLANT: VIA CASSETTA 241 – 37015 DOMEGLIARA (VR) Italy
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Model			HLM500BH
TRACTION SYSTEM			4 INDEPENDENT MOTOR WHEELS
Wheelbase	Extendable	mm	6.800 - 9.300
Tyres	Size front/rear	ins	24.00-35 / 24.00-35
Lifting Capacity		kg	45.000/45.000/45.000/37.500 (max lifting capacity limited by max lifting capacity of the spreader)
Load Centre		mm	2250/3860/6360/8860
Lifting height		mm	16.063
Overall dimension	Lenght	mm	9.014 - 12.100
	Width	mm	6.160
	Height (top of the cab)	mm	4200
	boom height, Max.	mm	18.700
Turning radius	Inner/router	mm	900/9000 - 2800/12.500
Stability (static)			EN 1459
Speed	Traveling F. R. Laden/unladen		5/17
	Lifting : laden / unladen 1800 rpm	m/s	0,24 / 0,58
	Lowering laden / unladen 1800 rpm	m/s	0,42 / 0,42
Gradeability	max at 0 km /h - laden	%	12,5%
Gross vehicle weight	without attachment	kg	98.700
Ground Clearance	Mid-way along the wheelbase	mm	400
Brake System			wet brake / driven wheels
Parking breake			spring brake
Steering System			hydrostatic
Engine	manufacturer type		VOLVO TAD1172 TIER IV
Fuel Consumption (average)		l/h	8 / 12
Trasmission System			hydrostatic
	N° forward and reverse gears	n°	hydrostatic continuous
Front/Rear Axle Type			CES CUSTOMIZE / CES CUSTOMIZE
CABIN			Cabin centrally positioned Noise emission according EN 12053 Automatic air condition
Sound Level	inside cabin		68 dB (A)
Hydraulic system			load sensing Bosh Rexroth
N° pump hydraulic system		n°	2
Pressure		bar/max	330
Hydraulic pump max flow rate		l/m	500
N° pump hydrostatic system		n°	1
pressure		bar/max	450
Electrical system			24 volt /Can bus /Lighting led
Software control system			Electronic joystick Control panel LCD 8"
Lubrification			Central whit two Automotive PUMP