



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			HLM 500/19F
TRACTION SYSTEM			PLANETARY FIXED FRONT AXEL
Wheelbase		mm	6.500
Tyres	Size front/rear	ins	18.00-33 / 18.00-33
Lifting Capacity		kg	45.000/36.800/20.000
Load Centre		mm	1780 / 3850 / 6400
Lifting height		mm	16.463
Overall dimension	Lenght	mm	11.707
	Width	mm	4.200
	Height	mm	5.085
	boom height, Max.	mm	18.914
Turning Radius	inner/router	mm	1.901 - 8.765
Stability (static)			EN 1459
Speed	Traveling F. R. Laden/unladen		20/ 22
	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	%	21%
Gross vehicle weight	without attachment	kg	79.228
Axle load - Front	unladen	kg	42.628
Axle load - rear	unladen	kg	36.600
Ground Clearance	Mid-way along the wheelbase	mm	420
Brake System			wet brake / driven wheels
Parking brake			spring brake
Steering System			hydrostatic
Engine	manufacturer type		VOLVO TAD873 EURO IV
Fuel Consumption (average)		l/h	8 / 12
Trasmission System			hydrostatic continuous
	N° forward and reverse gears	n°	3 + 3
Front/Rear Axle Type			D 102 kessler / L 102 kessler
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